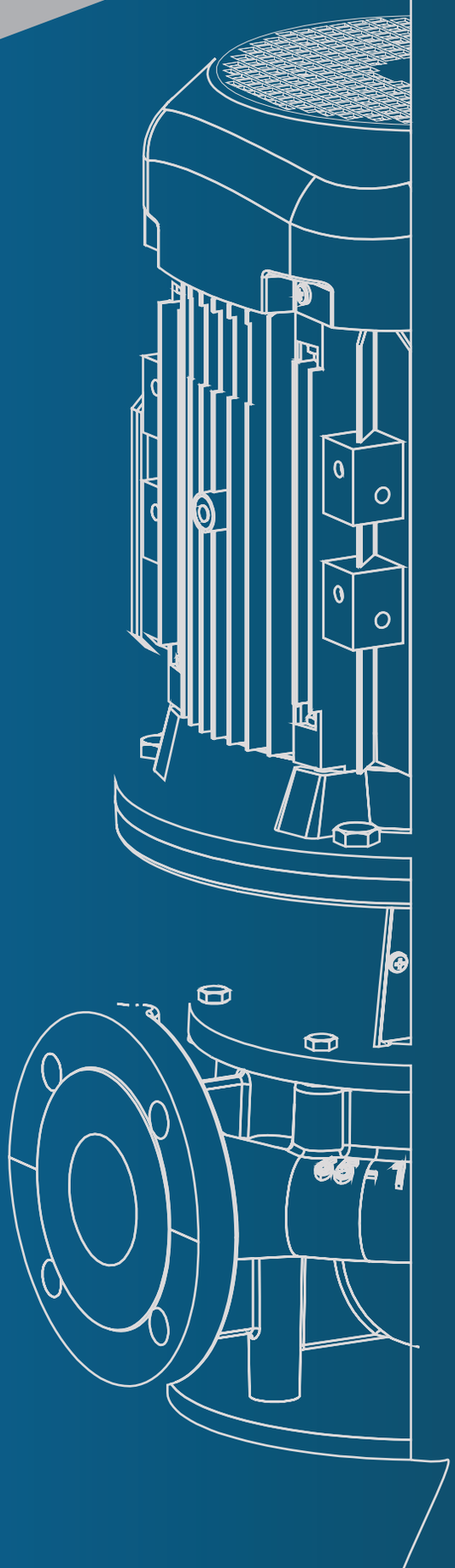
SUMAK

"Heart of the water"



2022
PRODUCT CATALOGUE

www.sumakpompa.com

YERLİ ÜRETİM

KALİTE YÖNETİM SİSTEMİ BELGESİ

QUALITY MANAGEMENT SYSTEM CERTIFICATE

Partner of IQNet

TÜRK STANDARDLARI ENSTİTÜSÜ
bu belge ile

SUMAK POMPA A.Ş.
ÇERKEŞLİ OSB MAH. İMES 9. CAD. NO:14
DİLOVASI -
KOCAELİ / TÜRKİYE

kuruluşunun TS EN ISO 9001:2015 şartlarına uygun bir KALİTE YÖNETİM SİSTEMİNE sahip olduğunu onaylar.

Belge kapsamı Ek'te verilmiştir

K - Q
TSE-ISO-EN
9000

TÜRK STANDARDLARI ENSTİTÜSÜ
TURKISH STANDARDS INSTITUTION

İstanbul Belgelendirme Müdürü
İstanbul Certification Manager

Ahmet Nursi Kartal

Türk Standardları Enstitüsü Türk Akreditasyon Kurumu TÜRKAK tarafından akredite edilmiştir.
Turkish Standards Institution, has been accredited by the Turkish Accreditation Agency TÜRKAK.

TURKISH STANDARDS INSTITUTION
hereby certifies that the organization

SUMAK POMPA A.Ş.
ÇERKEŞLİ OSB MAH. İMES 9. CAD. NO:14
DİLOVASI -
KOCAELİ / TÜRKİYE

has a QUALITY MANAGEMENT SYSTEM which fulfills the requirements of the TS EN ISO 9001:2015

Scope of the certificate is given in annex

Belge No / Certificate No
KY-6153-07/09-R16
Belge Tarihi / Date of Certificate
28.09.2021
Geçerlilik Tarihi / Valid Until
11.10.2024
Revizyon Tarihi / Date of Revision
28.09.2021
İlk Belge Tarihi / Initial Certification Date
04.09.2007

This certificate is valid provided that compliance with the certification requirement is maintained.

Bu belge belgelendirme şartlarına uygunluk sağlandığı sürece geçerlidir.



Sumak Pump, which was established in 1992 to manufacture water pumps, is a 100% Turkish-funded company that designs, manufactures, markets, sells and supports after sales activities on electric panels and electric panels as a 21.500 m² closed area water pumps and motors when it is day. In addition, SUMAK PUMP A.S. has gained corporate identity by transitioning to its title. With its competent engineer, technician, mechanist staff and 185 employees in total, Sumak Pump produces all of its products originally in its own production.

Located at each stage of development of the pump industry in Turkey Sumak Pump, technological development worldwide also get the application to follow and the kind of products developed for the needs of 1050, bringing the annual total to have increased to 135,000 and exports to 48 countries.

Sumak Pump has documented the products manufactured by TSE-TSEK-CE quality certificates in accordance with the international standards and regulations with the difficulty and sensitivity of working together with water and electricity contrary duplex. The product groups, which are under the guarantee of Sumak Pump, are offered to customers with 880 sales points and 175 authorized service networks in the domestic market.

Sumak Pump, which has TSE-ISO-EN-9008 quality management system certificate, aims taking place among the top 3 companies in the domestic pump market and working with the vision of being among the top 5 exporting and best known companies, With R&D efforts, ensuring customer satisfaction with environmentally sensitive products and honest, respectful, quality service policy by moving the company's mission to the top level.

Best Regards,

**For more information, you can visit our website www.sumakpompa.com or you can reach us from 444 11 62 from anywhere in Turkey.*

444 11 62

















SUMAK®

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SDF300-SDF5



DEFINITION

Monophase, easy-to-install, automatically running, submersible drainage pump with floater.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps are using at waterfall, ornamental pond, building, drainage pit and puddles which up to maximum 9 meters and can discharge up to maximum solids passage 3mm.

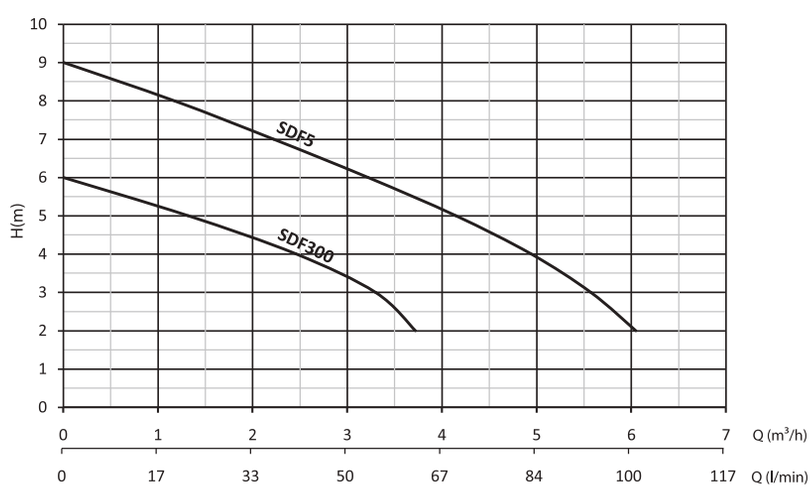
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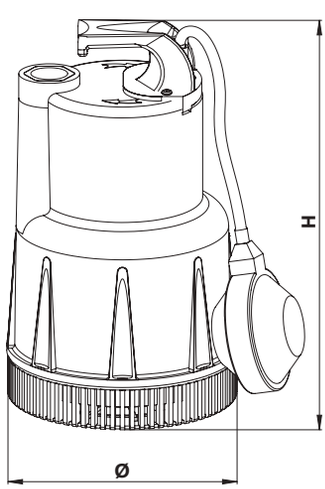
PUMP BODY	PPH
IMPELLER	NORYL
SHAFT	AISI 304 INOX
FLOW RATE (max.)	6 m³/hour
TOTAL HEAD (max.)	9 m
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	10 m
SEAL	SIC / SIC
PUMP DURABILITY PRESSURE (Pmax)	2 bar

TYPE	Control Panel	Open Impeller	Closed Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller	Thermic Protection
SDF300		✔					✔	✔
SDF5		✔					✔	✔

TECHNICAL SPECIFICATIONS

MOTOR									PUMP										
TYPE	KW	HP	V	Hz	A	rpm	CAPACITOR uf	CAPACITOR Vc	OUTPUT	Ø mm	H mm	KG	∇ m	m³/h	1	3	5	7	10
SDF300	0.25	0.33	220	50	1.3	2900	8	450	1"	147	248	4.5	5	mss	5.2	3.5	-	-	-
SDF5	0.37	0.5	220	50	1.7	2900	10	450	1"	147	248	5.5	5		8	6	4	-	-





SDF6



DEFINITION

Stainless steel body, monophase, automatically running, self running, submersible drainage pump with floater.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps are using at elevator pit, waterfall, building basement and puddles which up to maximum 8 meters and can discharge up to maximum solids passage 3mm.

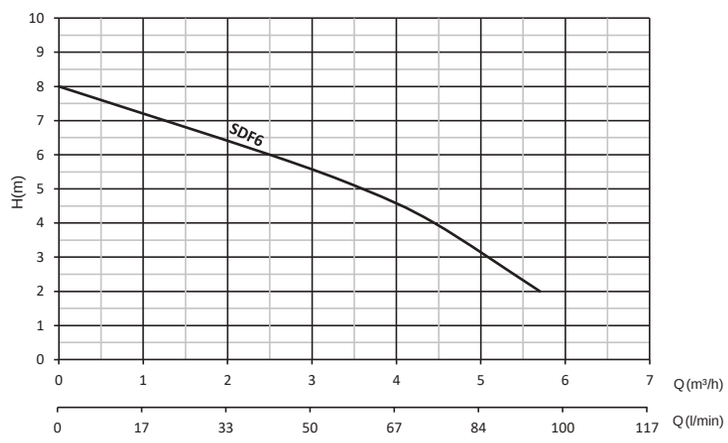
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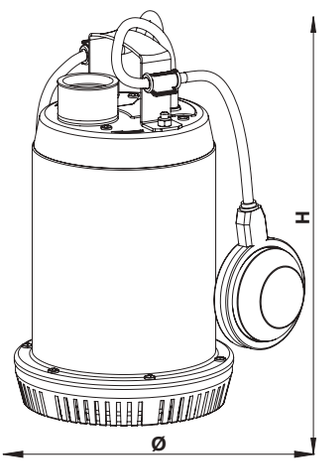
PUMP BODY	INOX
IMPELLER	NORYL
SHAFT	AISI 304 INOX
FLOW RATE (max.)	6 m³/hour
TOTAL HEAD (max.)	8 m
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	10 m
SEAL	SIC / SIC
PUMP DURABILITY PRESSURE (Pmax)	2 bar

TYPE	Control Panel	Open Impeller	Closed Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller	Thermic Protection
SDF6		✔					✔	✔

TECHNICAL SPECIFICATIONS

MOTOR									PUMP										
TYPE	KW	HP	V	Hz	A	rpm	CAPACITOR uf	Vc	OUTPUT	Ø mm	H mm	∇ m	KG	m³/h	1	2.5	3.5	4.5	5
														mss					
SDF6	0.37	0.5	220	50	2.2	2900	10	450	1 1/4	150	248	5	6		7	6	5	4	3





SDF10-SDF13



DEFINITION

Monophase, easy-to-install, automatically running, submersible drainage pump with floater.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps are using at waterfall, building basement, ornamental pond, building, drainage pit and puddles which up to maximum 14 meters and can discharge up to maximum solids passage 3mm.

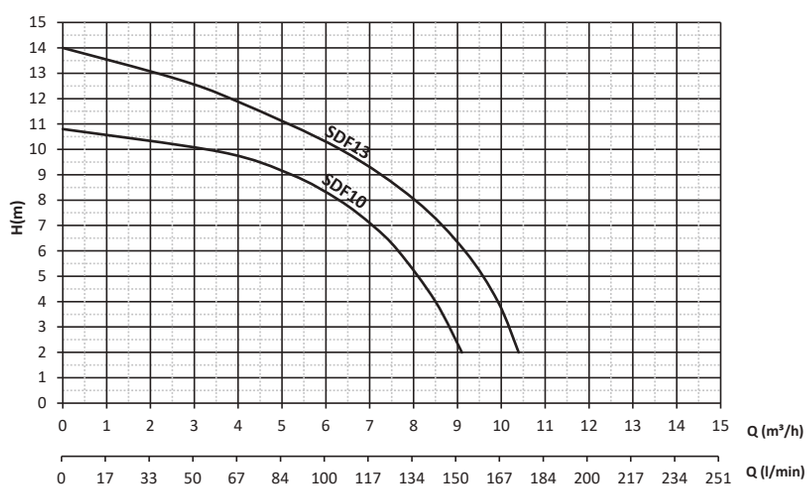
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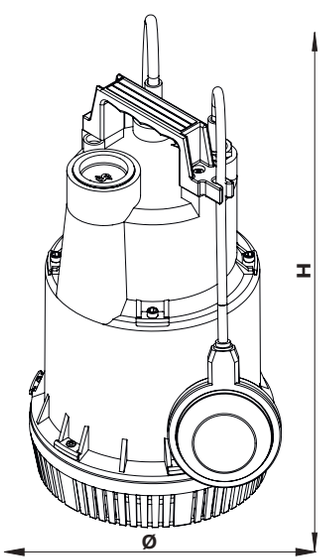
PUMP BODY	PPH
IMPELLER	NORYL
SHAFT	AISI 304 INOX
FLOW RATE (max.)	10.5 m³/hour
TOTAL HEAD (max.)	14 m
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	10 m
SEAL	SIC / SIC
PUMP DURABILITY PRESSURE (Pmax)	3 bar

TYPE	Control Panel	Open Impeller	Closed Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller	Thermic Protection
SDF10		✔					✔	✔
SDF13		✔					✔	✔

TECHNICAL SPECIFICATIONS

MOTOR									PUMP										
TYPE	KW	HP	V	Hz	A	d/d	CAPACITOR uf	CAPACITOR Vc	OUTPUT	Ø mm	H mm	▽ m	KG	m³/h	1	3	5	7	10
SDF10	0.65	0.85	220	50	4.3	2900	20	450	1 1/4	180	326	7	12	mss	10.5	10	9	7	-
SDF13	1	1.3	220	50	5.5	2900	25	450	1 1/4	180	326	7	13	mss	13.5	12.5	11	9	4





FEW DIRTY WATER SUBMERSIBLE PUMPS

SDF15 Y



DEFINITION

Monophase, with hose union and pipe fittings, easy-to-install, automatically running, high altitude, portable submersible drainage pump with floater.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps are using at waterfall, building basement, ornamental pond, building, drainage pit and puddles which up to maximum 22 meters and can discharge up to maximum solids passage 6 mm.

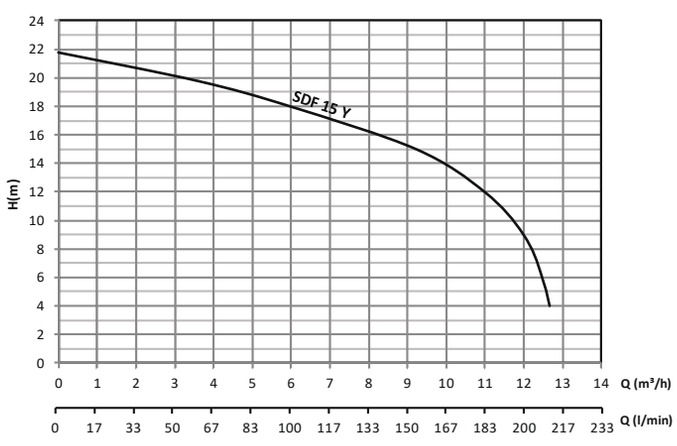
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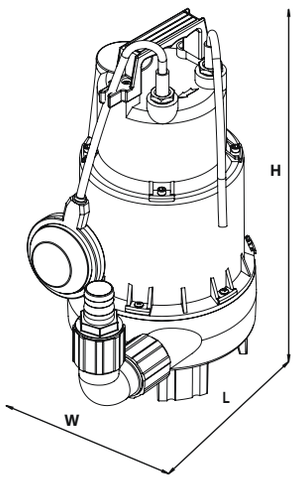
PUMP BODY	PPH
IMPELLER	NORYL
SHAFT	AISI 304 INOX
FLOW RATE (max.)	13 m³/saat
TOTAL HEAD (max.)	22 m
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	10 m.
SEAL	SIC / SIC
PUMP DURABILITY PRESSURE (Pmax)	4 bar

TYPE	Control Panel	Open Impeller	Closed Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller	Thermic Protection
SDF15 Y			✔				✔	

TECHNICAL SPECIFICATIONS

MOTOR									PUMP											
TYPE	KW	HP	V	Hz	A	d/d	CAPACITOR uf	Vc	OUTPUT	W mm	L mm	H mm	∇ m	KG	m³/h	1	3	7	9	12
SDF15 Y	1.1	1.5	220	50	6.5	2900	30	450	1¼	185	284	380	7	14	mss	21	20	17	15	8





FEW DIRTY WATER SUBMERSIBLE PUMPS

New Product

SDF15/1.5 - SDF18/1.5 Y



SDF18/2-Y



DEFINITION

Monophase, easy-to-install, stainless steel body, automatically running, high altitude, portable submersible drainage pump with floater.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps are using at waterfall, building basement, ornamental pond, building, drainage pit and puddles which up to maximum 22 meters and can discharge up to maximum solids passage 6 mm.

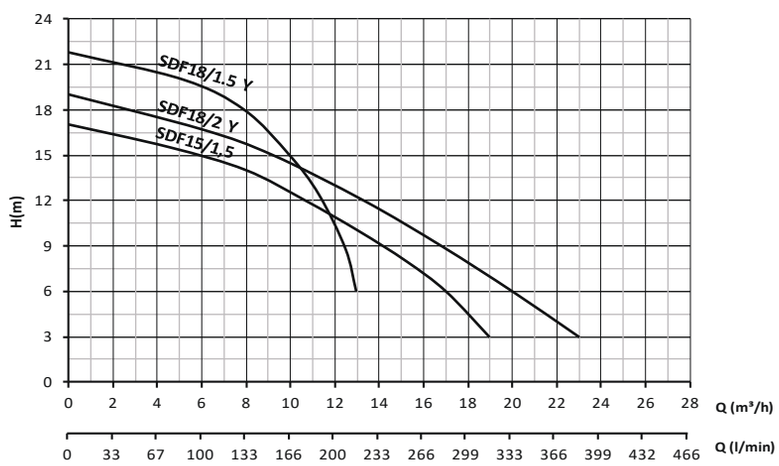
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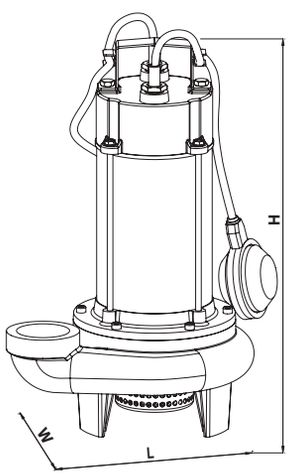
PUMP BODY	**INOX**
IMPELLER	AISI 304 INOX (SDF 15/1,5) GG25 CAST IRON(SDF 18/2 Y) NORYL (SDF 18/1,5 Y)
SHAFT	**AISI 304 INOX**
FLOW RATE (max.)	23 m³/hour
TOTAL HEAD (max.)	22 m
LIQUID PUMPING TEMPERATURE	0-30 °C
PROTECTION CLASS	**IP 68**
INSULATION CLASS	**F**
CABLE LENGTH	**10 m.**
SEAL	SIC / SIC
PUMP DURABILITY PRESSURE (Pmax)	4 bar

TYPE	Control Panel	Open Impeller	Closed Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SDF15/1.5	✔		✔		✔		
SDF18/1.5 Y	✔		✔				✔
SDF18/2-Y	✔	✔				✔	

TECHNICAL SPECIFICATIONS

MOTOR									PUMP											
TYPE	KW	HP	V	Hz	A	rpm	CAPACITOR uf	CAPACITOR Vc	OUTPUT	W mm	L mm	H mm	▽ m	KG	m³/h	3	8	12	16	20
SDF15/1.5	1.1	1.5	220	50	6.2	2900	25	450	1 1/2	185	260	350	7	20.5	mss	16.5	14	11	7.5	-
SDF18/1.5 Y	1.35	1.8	220	50	6.5	2900	25	450	1 1/2	185	260	350	7	20.5		21	18	10	-	-
SDF18/2 Y	1.35	1.8	220	50	6.5	2900	30	450	2"	200	280	430	7	23		18	16	13	10	6





FEW DIRTY WATER SUBMERSIBLE PUMPS

SDTY100/2



DEFINITION

Cast iron body, triphase, high altitude, two stages, clean and few dirty water submersible pump.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps are using at supply of clean and few dirty water up to maximum 81 meters.

MATERIAL PROPERTIES

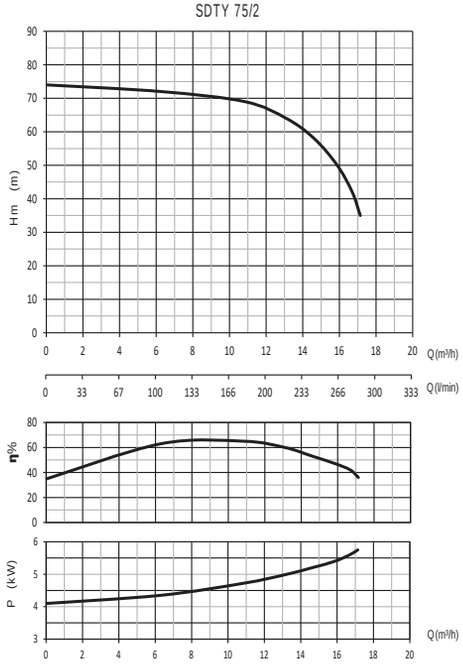
PUMP BODY	GG 25 CAST IRON
IMPELLER	GG 25 CAST IRON
SHAFT	AISI 304 INOX
FLOW RATE (max.)	18 m³/hour
TOTAL HEAD (max.)	81 m
LIQUID PUMPING TEMPERATURE	0-30 °C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	10 m
SEAL	SIC / SIC
PUMP DURABILITY PRESSURE (Pmax)	12 bar

TYPE	Control Panel	Open Impeller	Closed Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SDTY75/2	✔		✔			✔	
SDTY100/2	✔		✔			✔	

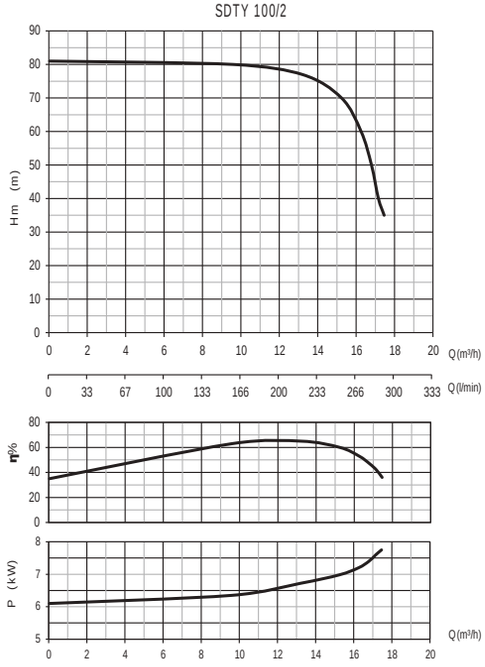
TECHNICAL SPECIFICATIONS

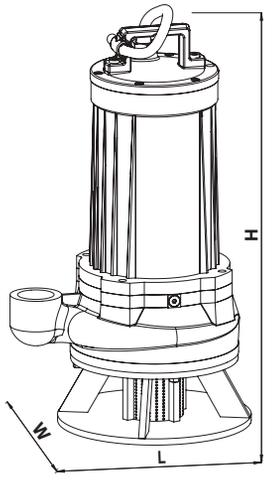
MOTOR								PUMP										
TYPE	KW	HP	V	Hz	A	rpm	OUTPUT	W mm	L mm	H mm	▽ m	KG	m³/h	7	12	16	17	18
SDTY75/2	5.5	7.5	380	50	12.5	2900	2"	185	400	650	7	86.5	mss	72	67	50	35	-
SDTY100/2	7.5	10	380	50	14	2900	2"	200	400	650	7	92.5		80	77	65	40	-

SDTY 75/2



SDTY 100/2





SDTV30/2 Z Y - SDTV40/2 Z Y

New Product



DEFINITION

Cast iron body, triphase, cooling jacket submersible drainage pump. It is suitable for long time working because of the cooling jacket.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These are submersible drainage pumps which are suitable for using in mines, canals and pits up to maximum 29 meters, also can be used for discharging rain flood, execavation pit with high volume, on the basement of settlements and industrial plants. This pumps can self cooled without completely submerged of body.

MATERIAL PROPERTIES

PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
COOLING JACKET	AISI 304 INOX
SUCTION FILTER	AISI 304 INOX
SHAFT	AISI 304 INOX
FLOW RATE (max.)	26 m³/hour
TOTAL HEAD (max.)	29 m
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	10 m
SEAL	SIC / SIC
PUMP DURABILITY PRESSURE (Pmax)	6 bar

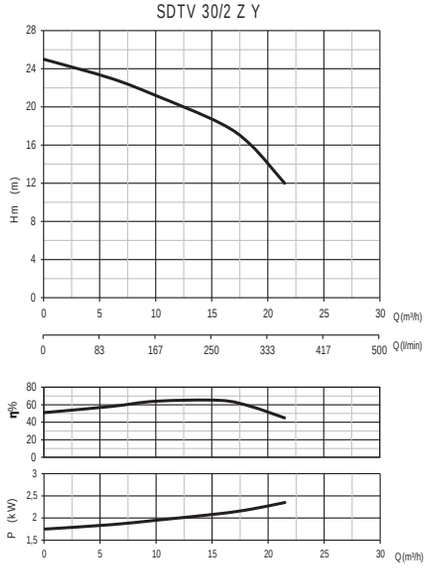
TYPE	Control Panel	Open Impeller	Closed Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Norly Impeller
SDTV30/2 ZY	✓	✓				✓	
SDTV40/2 ZY	✓	✓				✓	

TECHNICAL SPECIFICATIONS

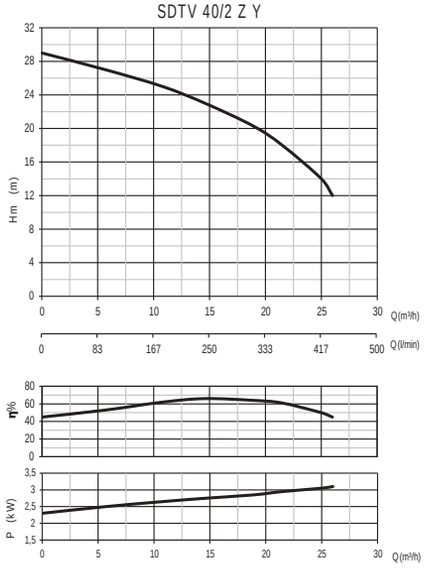
	MOTOR							PUMP										
	TYPE	KW	HP	V	Hz	A	rpm	OUTPUT	Q mm	H mm	∇ m	KG	m³/h	5	15	20	25	40	55
*	SDTV30/2 Z Y	2.2	3	380	50	5	2850	2"	230	495	7	46	mss	23	18	14	-	-	-
*	SDTV40/2 Z Y	3	4	380	50	6.4	2850	2"	230	495	7	50		27	23	19	14	-	-

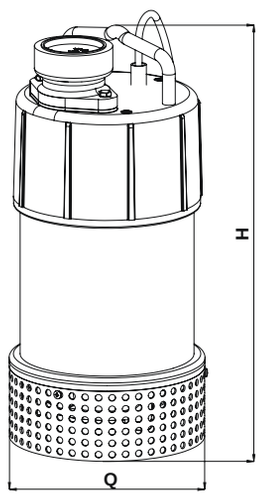
***Optionally, impeller and input flange can be produced with AISI 430.**

SDTV 30/2 Z Y



SDTV 40/2 Z Y





SDTV30/2.5 Z - SDTV40/2.5 Z

New Product



DEFINITION

Cast iron body, triphase, cooling jacket submersible drainage pump. It is suitable for long time working because of the cooling jacket.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These are submersible drainage pumps which are suitable for using in mines, canals and pits up to maximum 21 meters, also can be used for discharging rain flood, execavation pit with high volume, on the basement of settlements and industrial plants. This pumps can self cooled without completely submerged of body.

MATERIAL PROPERTIES

PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
COOLING JACKET	AISI 304 INOX
SUCTION FILTER	AISI 304 INOX
SHAFT	AISI 304 INOX
FLOW RATE (max.)	55 m³/hour
TOTAL HEAD (max.)	21 m
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	10 m
SEAL	SIC / SIC
PUMP DURABILITY PRESSURE (Pmax)	6 bar

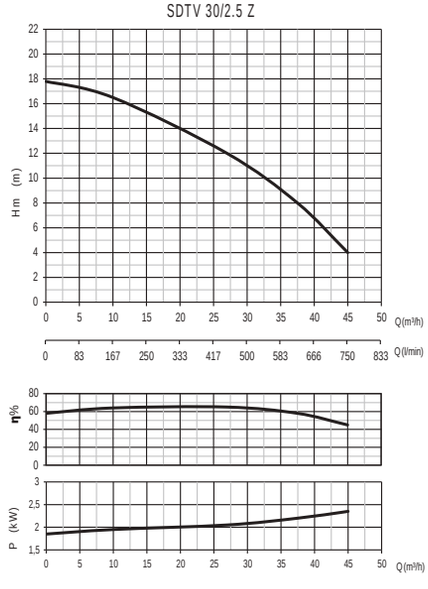
TYPE	Control Panel	Open Impeller	Closed Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SDTV30/2.5 Z	✓	✓				✓	
SDTV40/2.5 Z	✓	✓				✓	

TECHNICAL SPECIFICATIONS

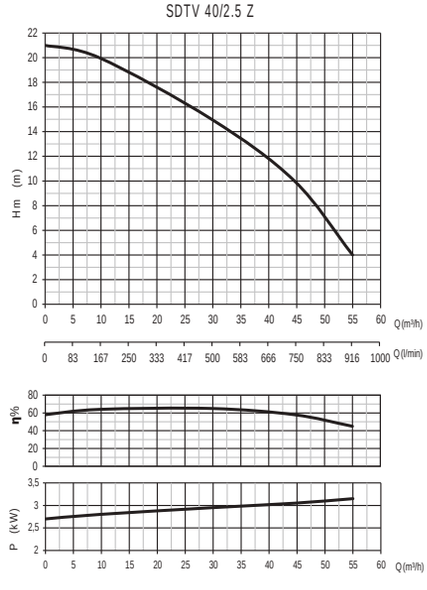
	MOTOR							PUMP										
	TYPE	KW	HP	V	Hz	A	rpm	OUTPUT	Q mm	H mm	∇ m	KG	m³/h	5	15	20	30	40	55
*	SDTV30/2.5 Z	2.2	3	380	50	5	2850	2½	230	495	7	46	mss	17	15	14	11	7	-
*	SDTV40/2.5 Z	3	4	380	50	6.4	2850	2½	230	495	7	50		20	19	18	15	12	4

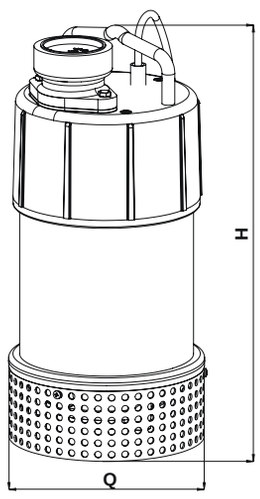
***Optionally, impeller and input flange can be produced with AISI 430.**

SDTV 30/2.5 Z



SDTV 40/2.5 Z





SEPTIC SUBMERSIBLE PUMP WITH VORTEX IMPELLER

New Product

SDTV40/2.5



DEFINITION

Cast iron body, stainless steel foot and open impeller, triphase, submersible septic pump.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps are using at containing of sewage water not very much solid particles, industrial and domestic wastes which up to maximum 19 meters of puddle water and can discharge up to maximum solids passage 20 mm.

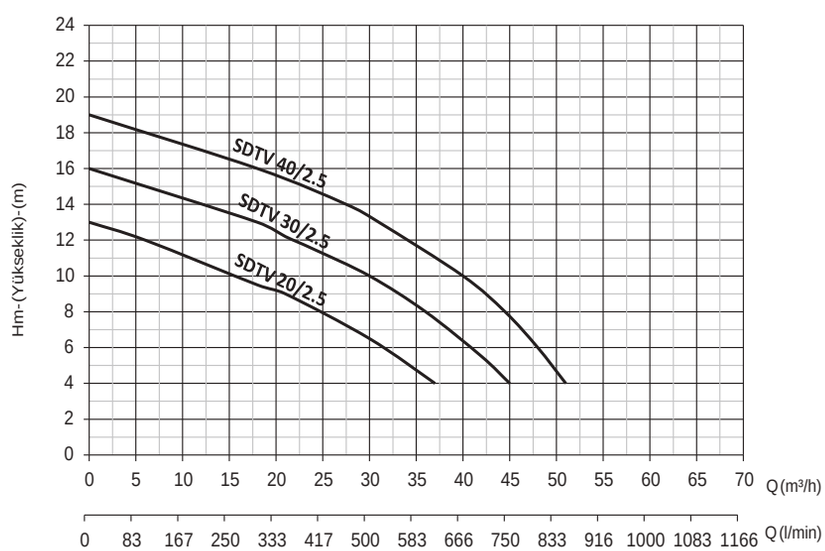
MATERIAL PROPERTIES

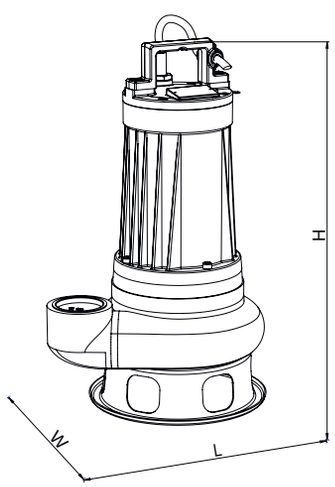
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 304 INOX
FLOW RATE (max.)	52 m³/hour
TOTAL HEAD (max.)	19 m
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	10 m.
SEAL	SIC / SIC
PUMP DURABILITY PRESSURE (Pmax)	6 bar

TYPE	Control Panel	Open Impeller	Closed Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SDTV20/2.5	✔	✔				✔	
SDTV30/2.5	✔	✔				✔	
SDTV40/2.5	✔	✔				✔	

TECHNICAL SPECIFICATIONS

MOTOR								PUMP												
TYPE	KW	HP	V MONO	V TRİ	Hz	A	rpm	OUTPUT	W mm	L mm	H mm	▽ m	KG	m³/h	10	20	30	40	50
SDTV20/2.5	1.6	2.2	-	380	50	3.4	2900	2½	200	309	520	7	43	mss	11	9	6	-	-
SDTV30/2.5	2.2	3	-	380	50	5	2900	2½	240	309	520	7	44.5		14	13	10	6	-
SDTV40/2.5	3	4	-	380	50	7.4	2900	2½	240	309	520	7	46.5		17	16	13	10	4





SEPTIC SUBMERSIBLE PUMP WITH VORTEX IMPELLER

SDTV20/2 - SDTV40/2



DEFINITION

Cast iron body, triphase, submersible septic pump.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps are using at muddy water in canal and pits, discharging of rain flood water, high flow ornamental pond, industrial and domestic areas which up to maximum 19 meters. SDTV series pumps have vortex impeller a solid waste passage up to 20 mm. It is used for the discharge of cloth, sack pieces and fibrous materials.

MATERIAL PROPERTIES

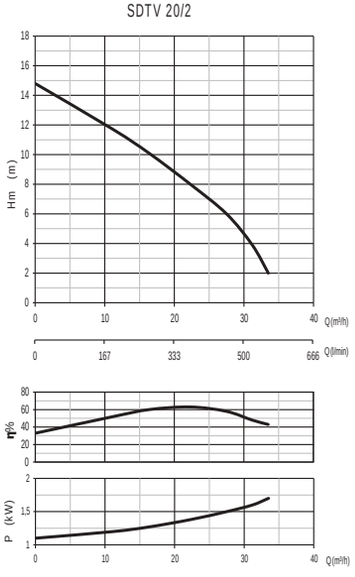
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 304 INOX
FLOW RATE (max.)	50 m³/hour
TOTAL HEAD (max.)	18 m
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	10 m.
SEAL	SIC / SIC
PUMP DURABILITY PRESSURE (Pmax)	10 bar

TYPE	Control Panel	Open Impeller	Closed Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SDTV20/2	✔	✔				✔	
SDTV30/2	✔	✔				✔	
SDTV40/2	✔	✔				✔	

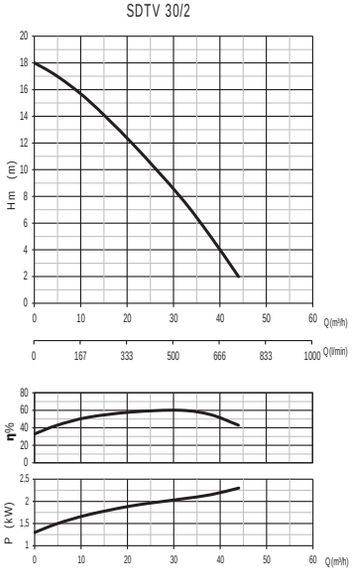
TECHNICAL SPECIFICATIONS

MOTOR									PUMP											
TYPE	**KW**	**HP**	**V**	**Hz**	**A**	**rpm**	**OUTPUT**	**Hm**	**W** mm	**L** mm	**H** mm	**▽** m	**KG**	**m³/h**	**15**	**25**	**35**	**50**	**60**
SDTV20/2	1.6	2.2	380	50	3.4	2900	2"	14.8	260	330	410	7	44	mss	10	7	-	-	-
SDTV30/2	2.2	3	380	50	4.4	2900	2"	18	260	330	410	7	46		14	10	6	-	-
SDTV40/2	3	4	380	50	6.7	2900	2"	25	260	330	410	7	47		20	17	12.5	5	-

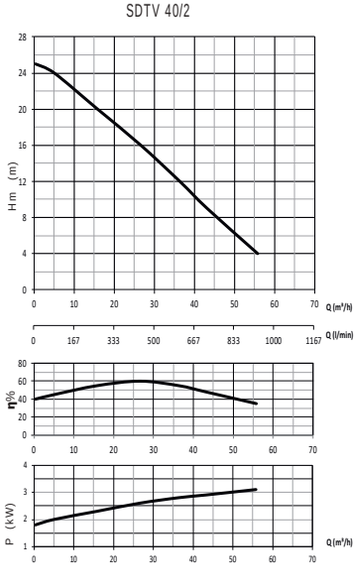
SDTV 20/2

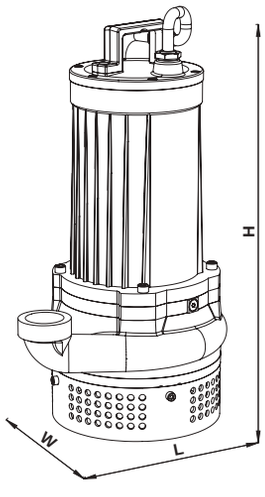


SDTV 30/2



SDTV 40/2





SEPTIC SUBMERSIBLE PUMP WITH VORTEX IMPELLER

SDTV50/2 - SDTV75/2



DEFINITION

Cast iron body, triphase, submersible septic pump.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps are using at muddy water in canal and pits, discharging of rain flood water, high flow ornamental pond, industrial and domestic areas which up to maximum 41 meters. SDTV series pumps have vortex impeller a solid waste passage up to 10 mm. It is used for the discharge of cloth, sack pieces and fibrous materials.

MATERIAL PROPERTIES

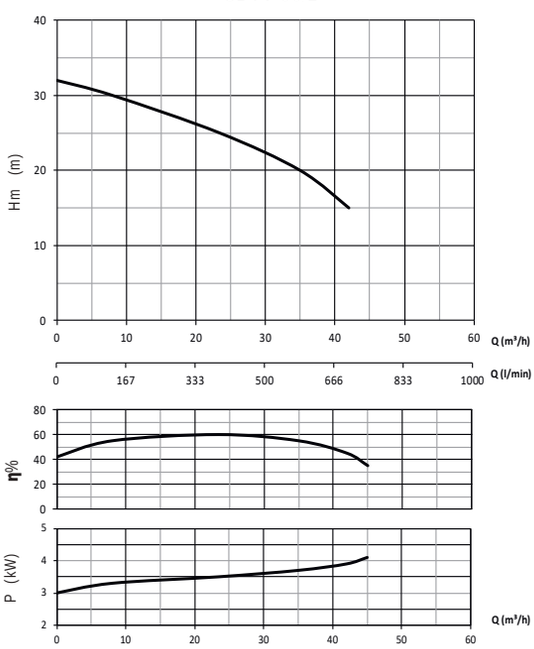
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 304 INOX
FLOW RATE (max.)	54 m³/hour
TOTAL HEAD (max.)	41 m
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	10 m.
SEAL	SIC / SIC
PUMP DURABILITY PRESSURE (Pmax)	10 bar

TYPE	Control Panel	Open Impeller	Closed Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SDTV50/2	✔	✔				✔	
SDTV75/2	✔	✔				✔	

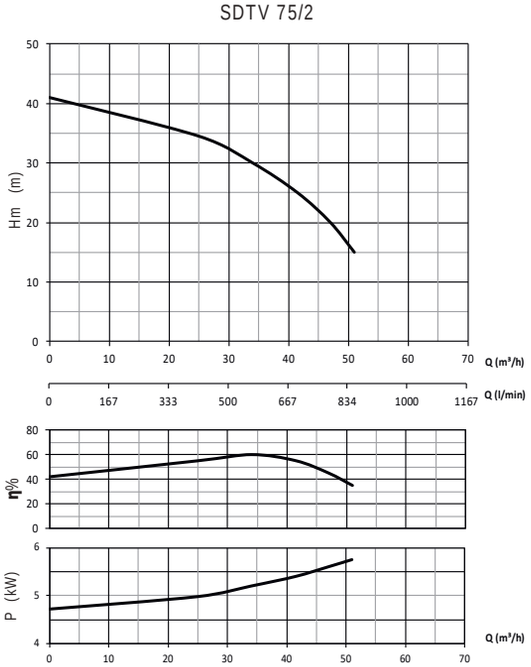
TECHNICAL SPECIFICATIONS

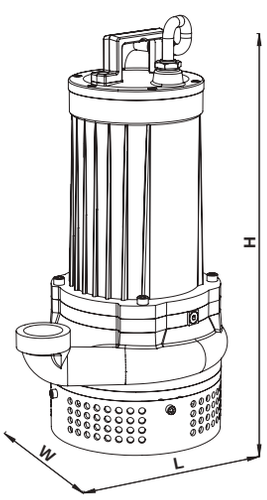
MOTOR									PUMP										
TYPE	KW	HP	V	Hz	A	rpm	OUTPUT	Hm	W mm	L mm	H mm	∇ m	KG	m³/h	15	25	35	50	60
SDTV50/2	4	5.5	380	50	9 5	2900	2"	32	290	380	610	7	77.5	mss	27	24	20	-	-
SDTV75/2	5.5	7.5	380	50	12	2900	2"	42	290	380	610	7	81		37	35	30	16	-

SDTV 50/2



SDTV 75/2





SEPTIC SUBMERSIBLE PUMP WITH VORTEX IMPELLER

SDTV40/3



DEFINITION

Cast iron body, triphase, submersible septic pump.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps are using at muddy water in canal and pits, discharging of rain flood water, high flow ornamental pond, industrial and domestic areas which up to maximum 35 meters. SDTV series pumps have vortex impeller a solid waste passage up to 10 mm. It is used for the discharge of cloth, sack pieces and fibrous materials.

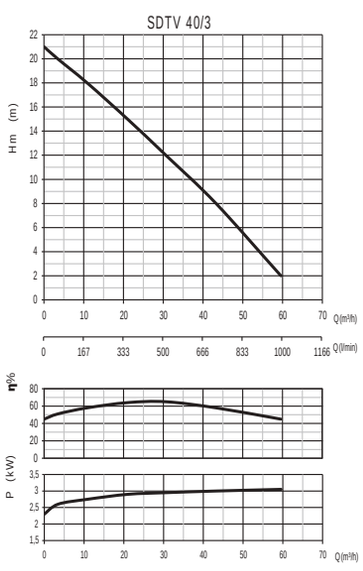
MATERIAL PROPERTIES

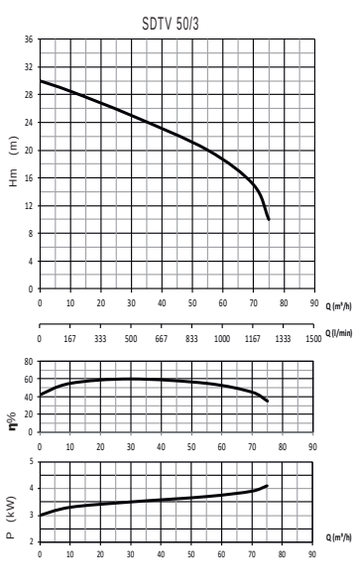
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 304 INOX
FLOW RATE (max.)	80 m³/hour
TOTAL HEAD (max.)	35 m
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	10 m.
SEAL	SIC / SIC
PUMP DURABILITY PRESSURE (Pmax)	10 bar

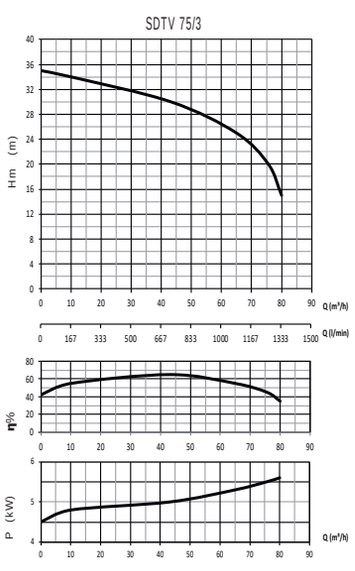
TYPE	Control Panel	Open Impeller	Closed Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SDTV40/3	✔	✔				✔	
SDTV50/3	✔	✔				✔	
SDTV75/3	✔	✔				✔	

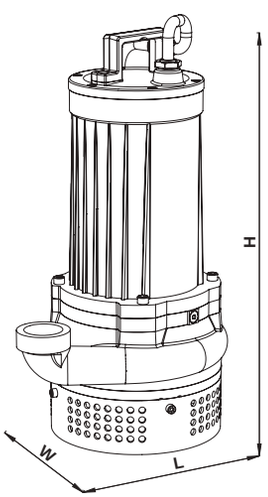
TECHNICAL SPECIFICATIONS

MOTOR									PUMP											
TYPE	**KW**	**HP**	**V**	**Hz**	**A**	**rpm**	**OUTPUT**	**Hm**	**W** mm	**L** mm	**H** mm	**▽** m	**KG**	**m³/h**	**10**	**20**	**40**	**60**	**80**
SDTV40/3	3	4	380	50	6.7	2900	3"	21	260	330	410	7	47	mss	18	15	9	2	-
SDTV50/3	4	5.5	380	50	9.5	2900	3"	30	305	410	610	7	83		28	27	23	18	-
SDTV75/3	5.5	7.5	380	50	12	2900	3"	35	305	410	610	7	86		34	33	30	26	15









SEPTIC SUBMERSIBLE PUMP WITH VORTEX IMPELLER

New Product

SDTV100/4 - SDTV150/4



DEFINITION

Cast iron body, triphase, submersible septic pump.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps are using at muddy water in canal and pits, discharging of rain flood water, high flow ornamental pond, industrial and domestic areas which up to maximum 18 meters. SDTV series pumps have vortex impeller a solid waste passage up to 50 mm. It is used for the discharge of cloth, sack pieces and fibrous materials.

MATERIAL PROPERTIES

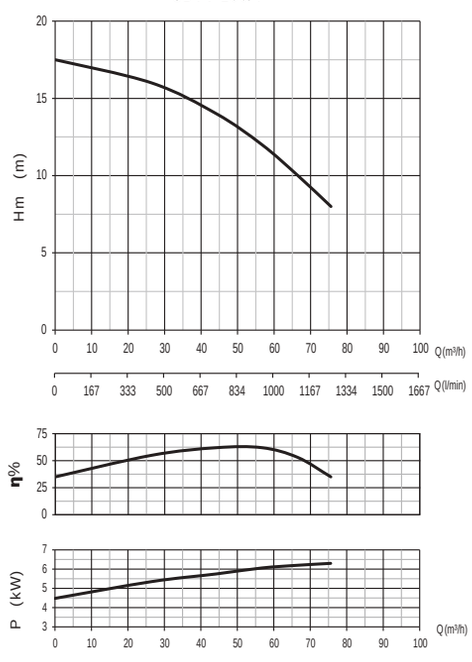
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 304 INOX
FLOW RATE (max.)	140 m³/hour
TOTAL HEAD (max.)	18 m
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	10 m.
SEAL	SIC / SIC
PUMP DURABILITY PRESSURE (Pmax)	10 bar

TYPE	Control Panel	Open Impeller	Closed Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SDTV100/4	✔	✔				✔	
SDTV150/4	✔	✔				✔	

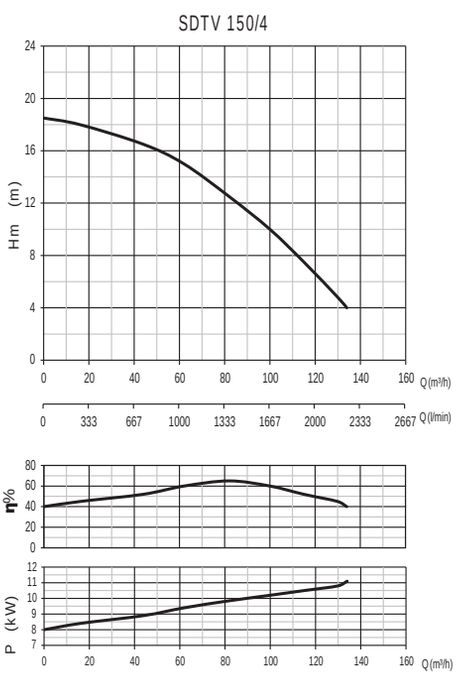
TECHNICAL SPECIFICATIONS

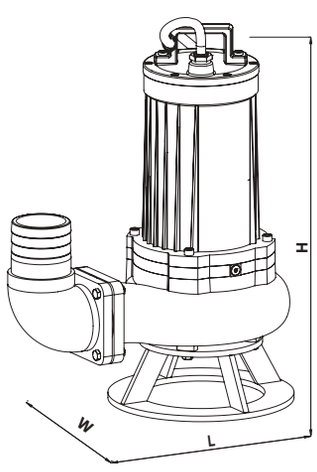
MOTOR									PUMP										
TYPE	KW	HP	V	Hz	A	rpm	OUTPUT	Hm	W mm	L mm	H mm	∇ m	KG	m³/h	30	60	80	100	130
SDTV100/4	7.5	10	380	50	14	2900	4"	17	290	525	661	7	91	mss	16	12	7	-	-
SDTV150/4	11	15	380	50	22	2900	4"	18.5	365	630	695	7	130	mss	17	15	13	10	5

SDTV 100/4



SDTV 150/4





BODY COOLED DRAINAGE SUBMERSIBLE PUMPS

SDT50/3Z



DEFINITION

Cast iron body, triphase, body cooled submersible drainage pumps. It is manufactured at frequencies of 50 Hz. and 60 Hz. It is suitable of long time working because of the body cooled.

USAGE AREAS

These type of pumps are using at muddy water in canal and pits, discharging of rain flood water, high volume excavation pits, industrial and domestic areas which up to maximum 35 meters.

MATERIAL PROPERTIES

PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 304 INOX
FLOW RATE (max.)	70 m³/hour
TOTAL HEAD (max.)	35 m
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	10 m.
SEAL	SIC / SIC
PUMP DURABILITY PRESSURE (Pmax)	10 bar

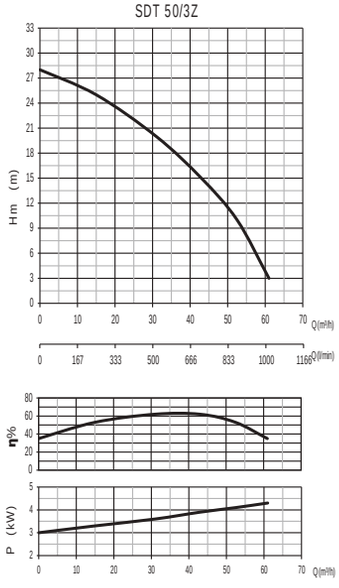
TYPE	Control Panel	Open Impeller	Closed Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SDT50/3Z	✓	✓				✓	
SDT75/3Z	✓	✓				✓	
SDT100/3Z	✓	✓				✓	

TECHNICAL SPECIFICATIONS

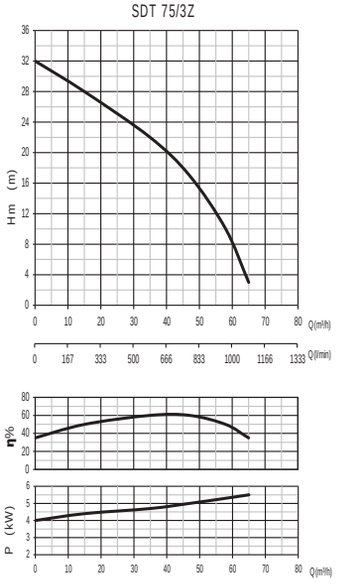
	MOTOR							PUMP									
	TYPE	KW	HP	V	Hz	A	rpm	OUTPUT	Q mm	H mm	∇ m	KG	m³/h	15	30	40	50	60
*	SDT50/3Z	4	5.5	380	50	10	2900	3"	360	780	7	111.5	mss	25	20	16	11	4
*	SDT75/3Z	5.5	7.5	380	50	12	2900	3"	360	780	7	121.5		28	23	20	15	8
*	SDT100/3Z	7.5	10	380	50	14	2900	3"	360	780	7	129		32	27	23	18	12

*** Optionally, can manufactured with 4" output union.**

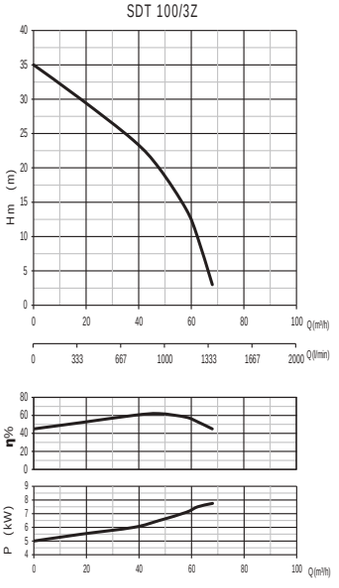
SDT 50/3Z

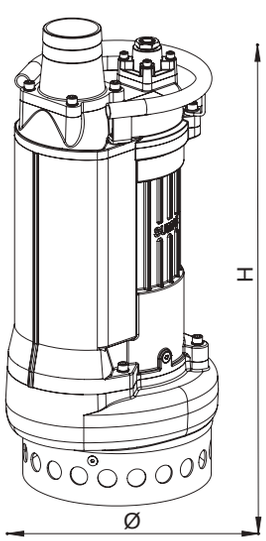


SDT 75/3Z



SDT 100/3Z





SDF15

Stainless Impeller



DEFINITION

Monophase, automatically, portable, working at septic water, submersible pump with floater.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps are using at containing of sewage water not very much solid particles, industrial and domestic wastes, discharging of rain waters, small type of ornamental pool which up to maximum 12 meters of puddle water and can discharge up to maximum solids passage 20 mm.

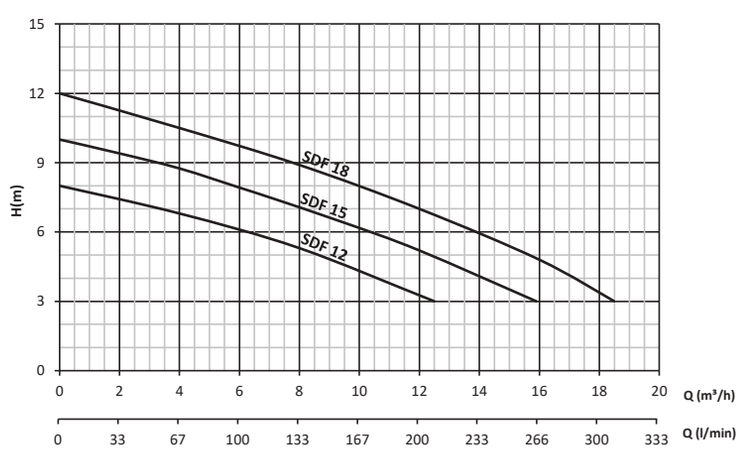
MATERIAL PROPERTIES

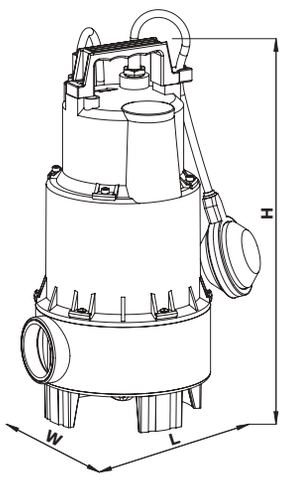
PUMP BODY	PPH
IMPELLER	AISI 304 INOX
SHAFT	AISI 304 INOX
FLOW RATE (max.)	18 m³/hour
TOTAL HEAD (max.)	12 m
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	10 m.
SEAL	SIC / SIC
PUMP DURABILITY PRESSURE (Pmax)	2 bar

TYPE	Control Panel	Open Impeller	Closed Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller	Thermic Protection
SDF12		✔			✔			✔
SDF15		✔			✔			✔
SDF18		✔			✔			✔

TECHNICAL SPECIFICATIONS

MOTOR									PUMP											
TYPE	KW	HP	V	Hz	A	rpm	CAPACITOR uf	CAPACITOR Vc	INPUT OUTPUT	W mm	L mm	H mm	▽ m	KG	m³/h	3	6	9	11	16
SDF12	0.75	1	220	50	4.5	2900	30	450	2"	185	195	400	7	12.5	mss	7	6	5	4	-
SDF15	1.1	1.5	220	50	5.2	2900	30	450	2"	185	195	400	7	13		9	8	7	6	3
SDF18	1.35	1.8	220	50	6	2900	30	450	2"	185	195	400	7	13.5		11	10	8	7	5





SDF15/2



DEFINITION

Monophase, automatically, portable, working at septic water, completely stainless steel submersible pump with floater.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps are using at containing of sewage water not very much solid particles, industrial and domestic wastes, discharging of rain waters, small type of decorative small waterfalls which up to maximum 12.5 meters of puddle water and can discharge up to maximum solids passage 20 mm.

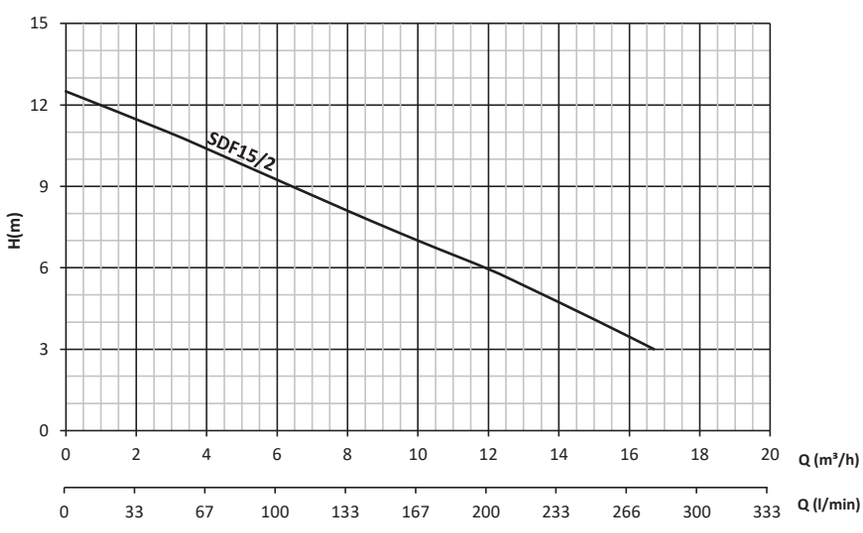
MATERIAL PROPERTIES

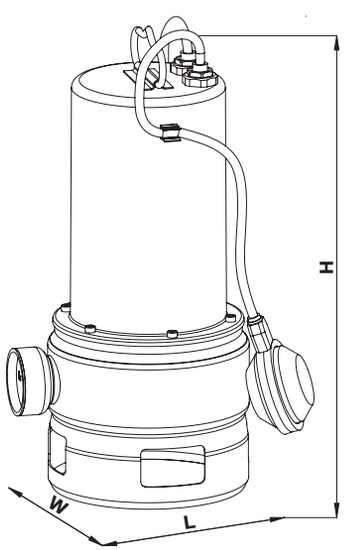
PUMP BODY	AISI 304 INOX
IMPELLER	AISI 304 INOX
SHAFT	AISI 304 INOX
FLOW RATE (max.)	17 m³/hour
TOTAL HEAD (max.)	12.5 m
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	10 m.
SEAL	SIC / SIC
PUMP DURABILITY PRESSURE (Pmax)	4 bar

TYPE	Control Panel	Open Impeller	Closed Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SDF15/2	✔	✔			✔		

TECHNICAL SPECIFICATIONS

MOTOR									PUMP											
TYPE	KW	HP	V	Hz	A	rpm	CAPACITOR uf	Vc	OUTPUT	W mm	L mm	H mm	▽ m	KG	m³/h	3	6	9	11	16
															mss					
SDF15/2	1.1	1.5	220	50	6.5	2900	25	450	2"	185	215	395	7	16		11	9	8	7	3.5





SDF18/2



DEFINITION

Monophase, automatically, portable, working at septic water, submersible pump with floater.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps are using at containing of sewage water not very much solid particles, industrial and domestic wastes, discharging of rain waters, small type of decorative small waterfalls which up to maximum 13.5 meters of puddle water and can discharge up to maximum solids passage 20 mm.

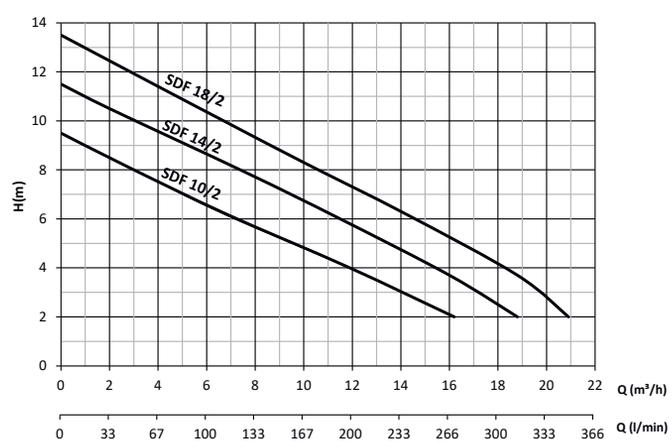
MATERIAL PROPERTIES

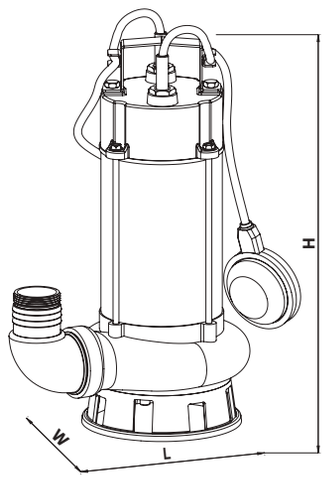
PUMP BODY	AISI 304 INOX
IMPELLER	GG25 CAST IRON
SHAFT	AISI 304 INOX
FLOW RATE (max.)	21 m³/hour
TOTAL HEAD (max.)	13.5 m
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	10 m.
SEAL	SIC / SIC
PUMP DURABILITY PRESSURE (Pmax)	6 bar

TYPE	Control Panel	Open Impeller	Closed Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SDF10/2	✔	✔				✔	
SDF14/2	✔	✔				✔	
SDF18/2	✔	✔				✔	

TECHNICAL SPECIFICATIONS

MOTOR									PUMP											
TYPE	KW	HP	V	Hz	A	rpm	CAPACITOR uf	CAPACITOR Vc	OUTPUT	W mm	L mm	H mm	∇ m	KG	m³/h	2	6	10	16	20
SDF10/2	0.75	1	220	50	4.5	2900	25	450	2”	175	205	410	7	18	mss	8.5	6.5	5	2	-
SDF14/2	1.1	1.5	220	50	5.5	2900	25	450	2”	175	205	410	7	19		10.5	8.5	7	4	-
SDF18/2	1.35	1.8	220	50	6	2900	30	450	2”	175	205	410	7	19.5		12.5	10.5	8	5	3
SDT18/2	1.35	1.8	380	50	3	2900	-	-	2”	175	205	410	7	19.5		12.5	10.5	8	5	3





SDF20/2 - SDF20/3



SDT20/2 - SDT20/3



DEFINITION

Cast iron body, monophase, septic submersible pump with floater.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps are using at industrial and domestic wastes, discharging of rain and flood waters, which up to maximum 17 meters of muddy water of canal and pits, and can discharge up to maximum solids and fibrous particuls passage 30 mm.

MATERIAL PROPERTIES

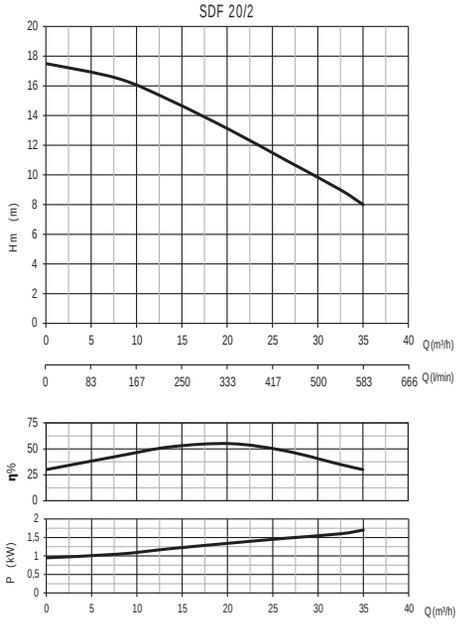
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 304 INOX
FLOW RATE (max.)	40 m³/hour
TOTAL HEAD (max.)	17 m
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	10 m.
SEAL	SIC / SIC
PUMP DURABILITY PRESSURE (Pmax)	6 bar

TYPE	Control Panel	Open Impeller	Closed Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SDF20/2	✔		✔			✔	
SDF20/3	✔		✔			✔	

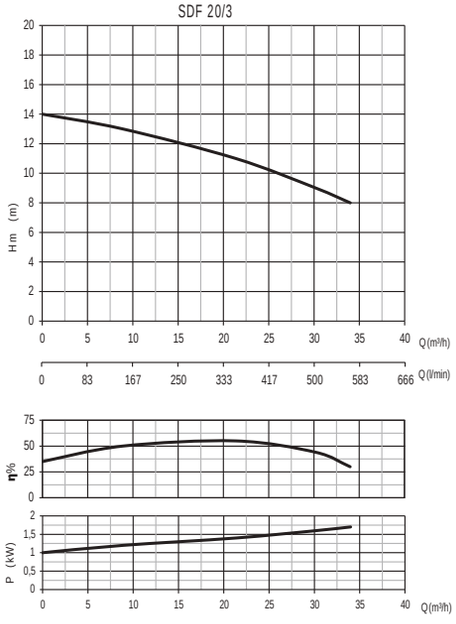
TECHNICAL SPECIFICATIONS

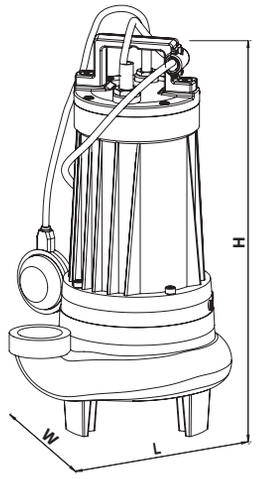
MOTOR											PUMP											
TYPE	KW	HP	V MONO	V TRİ	Hz	A MONO	A TRİ	rpm	CAPACITOR uf	CAPACITOR Vc	OUTPUT	W mm	L mm	H mm	∇ m	KG	m³/h	5	15	25	30	35
SDF20/2 SDT20/2	1.6	2.2	220	380	50	9.5	3.4	2900	50	450	2"	240	309	520	7	44.5	mss	17	15	11	10	8
SDF20/3 SDT20/3	1.6	2.2	220	380	50	10	3.4	2900	50	450	3"	250	350	530	7	45.5		13.5	12	10	9	8

SDF 20/2



SDF 20/3





SEPTIC SUBMERSIBLE PUMPS

SDF20/2.5



SDT40/2.5



DEFINITION

Cast iron body, stainless steel impeller and foot, monophase/triphase, septic submersible pumps. It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps are using at containing of sewage water not very much solid particles, industrial and domestic wastes, discharging of rain waters, small type of decorative small waterfalls which up to maximum 24.5 meters of puddle water and can discharge up to maximum solids passage 20 mm.

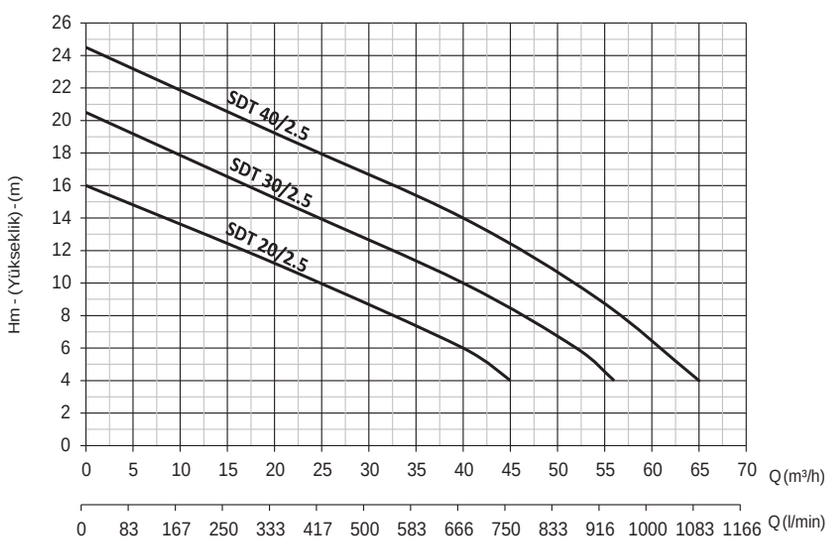
MATERIAL PROPERTIES

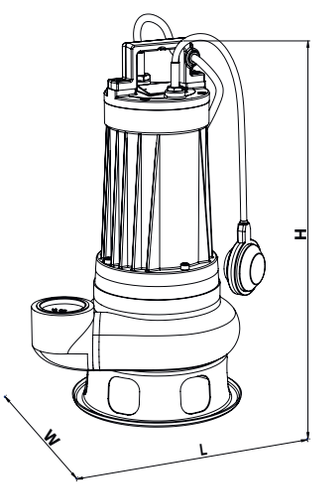
PUMP BODY	GG25 CAST IRON
IMPELLER	AISI 304 INOX
SHAFT	AISI 304 INOX
FLOW RATE (max.)	70 m³/hour
TOTAL HEAD (max.)	24.5 m
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	10 m.
SEAL	SIC / SIC
PUMP DURABILITY PRESSURE (Pmax)	6 bar

TYPE	Control Panel	Open Impeller	Closed Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SDF20/2.5 SDT20/2.5	✔		✔		✔		
SDF30/2.5 SDT30/2.5	✔		✔		✔		
SDT40/2.5	✔		✔		✔		

TECHNICAL SPECIFICATIONS

MOTOR									PUMP												
TYPE	KW	HP	V MONO	V TRİ	Hz	A	rpm	CAPACITOR uf	CAPACITOR Vc	OUTPUT	W mm	L mm	H mm	∇ m	KG	m³/h	10	20	30	40	50
SDF20/2.5 SDT20/2.5	1.6	2.2	220	380	50	3.4	2900	45	450	2½	200	309	520	7	43	mss	13.5	11	9	6	-
SDF30/2.5 SDT30/2.5	2.2	3	220	380	50	5	2900	50	450	2½	240	309	520	7	44.5		18	15	13	10	7
SDT40/2.5	3	4	220	380	50	7.4	2900	-	-	2½	240	309	520	7	46.5		22	19	17	14	10





SEPTIC SUBMERSIBLE PUMPS

SDT30/2



SDT40/3



DEFINITION

Cast iron body, triphase, septic submersible pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps are using at industrial and domestic wastes, discharging of rain and flood waters, which up to maximum 21 meters of muddy water of canal and pits, and can discharge up to maximum solids and fibrous particuls passage 30 mm.

MATERIAL PROPERTIES

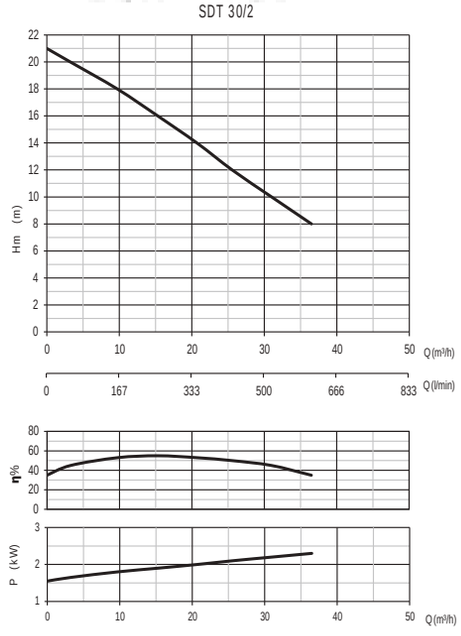
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 304 INOX
FLOW RATE (max.)	60 m³/hour
TOTAL HEAD (max.)	21 m
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	10 m.
SEAL	SIC / SIC
PUMP DURABILITY PRESSURE (Pmax)	6 bar

TYPE	Control Panel	Open Impeller	Closed Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SDT30/2	✔		✔			✔	
SDT40/3	✔		✔			✔	

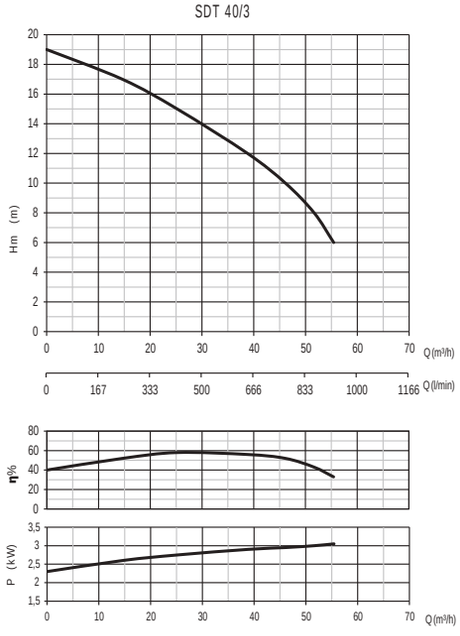
TECHNICAL SPECIFICATIONS

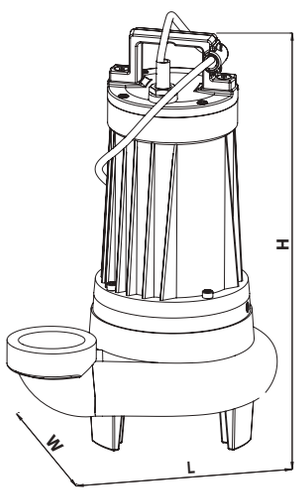
MOTOR							PUMP											
TYPE	KW	HP	V	Hz	A	rpm	OUTPUT	W mm	L mm	H mm	▽ m	KG	m³/h	10	20	30	40	50
SDT30/2	2.2	3	380	50	4	2900	2"	260	330	530	7	46.5	mss	18	14	10	7	-
SDT40/3	3	4	380	50	6.7	2900	3"	260	330	530	7	47.5	mss	17.5	16	14	12	9

SDT 30/2



SDT 40/3





SEPTIC SUBMERSIBLE PUMPS

SUMAK®

SDTK75/4



SDTK150/4



DEFINITION

Cast iron body, triphase, septic submersible pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps are using at, discharging of rain and flood waters, high flow ornamental pools, industrial and domestic wastes which up to maximum 35 meters of muddy water of canal and pits, and can discharge up to maximum solids and fibrous particuls passage 30 mm.

MATERIAL PROPERTIES

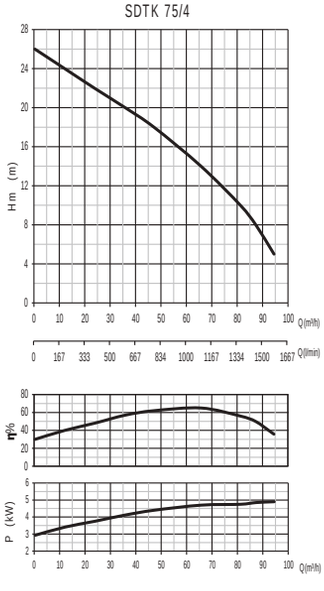
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 304 INOX
FLOW RATE (max.)	150 m³/hour
TOTAL HEAD (max.)	35 m
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	10 m.
SEAL	SIC / SIC
PUMP DURABILITY PRESSURE (Pmax)	8 bar

TYPE	Control Panel	Open Impeller	Closed Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SDTK75/4	✔		✔			✔	
SDTK100/4	✔		✔			✔	
SDTK150/4	✔		✔			✔	

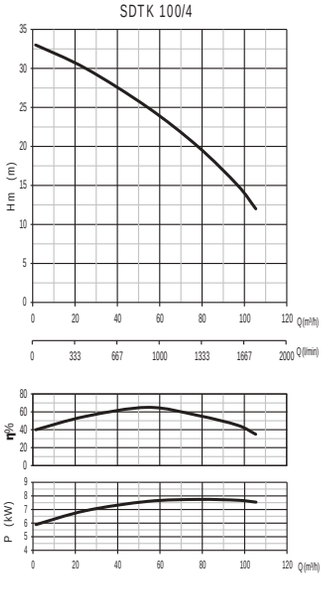
TECHNICAL SPECIFICATIONS

MOTOR							PUMP												
TYPE	KW	HP	V	Hz	A	rpm	OUTPUT	W mm	L mm	H mm	∇ m	KG	m³/h	20	40	60	80	110	130
SDTK75/4	5.5	7.5	380	50	10	2900	4"	320	525	660	7	88.5	mss	23	19	15	10	4	-
SDTK100/4	7.5	10	380	50	13	2900	4"	320	525	660	7	92		30	27	24	19	10	-
SDTK150/4	11	15	380	50	20	2900	4"	365	630	695	7	139		33	31	29	26	20	15

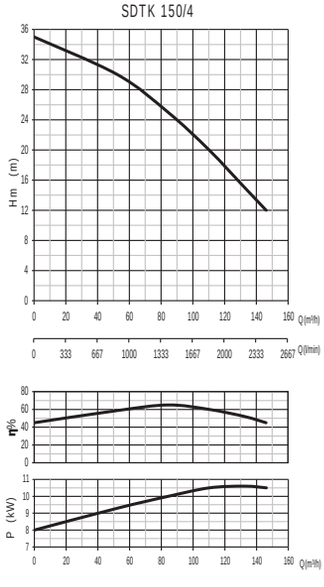
SDTK 75/4

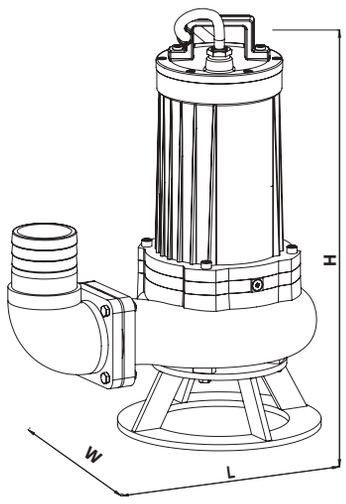


SDTK 100/4



SDTK 150/4





SDTK100/6 - SDTK150/6

New Product



DEFINITION

Cast iron body, triphase, septic submersible pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps are using at, discharging of rain and flood waters, high flow ornamental pools, industrial and treatment plant which up to maximum 21 meters of muddy water of canal and pits, and can discharge up to maximum solids and fibrous particuls passage 30 mm.

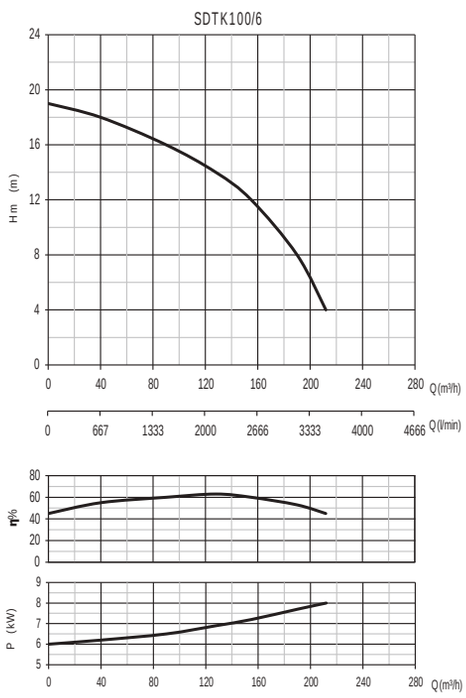
MATERIAL PROPERTIES

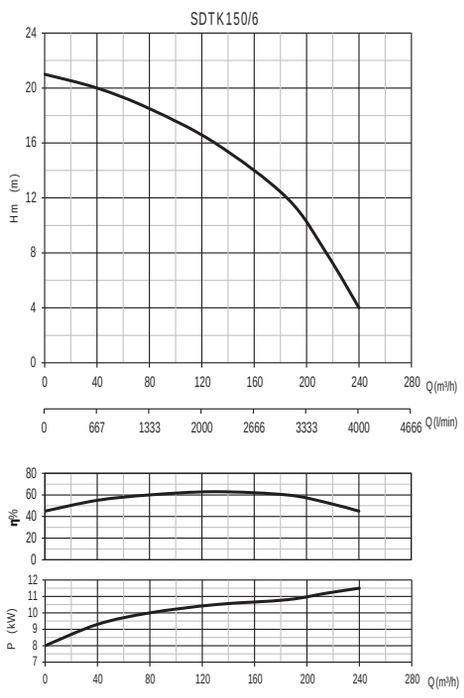
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	240 m³/hour
TOTAL HEAD (max.)	21 m
LIQUID PUMPING TEMPERATURE	0-30 °C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	10 m.
SEAL	SIC / SIC
PUMP DURABILITY PRESSURE (Pmax)	10 bar
CONNECTION FLANGE	DN 150 PN 6

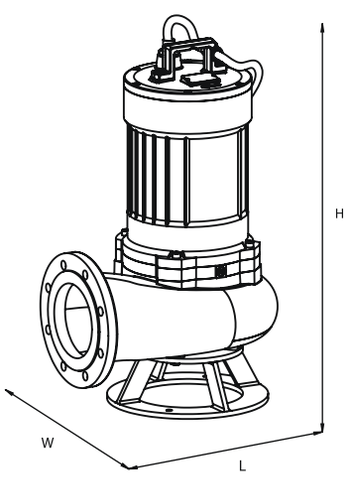
TYPE	Control Panel	Open Impeller	Closed Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SDTK100/6	✔		✔			✔	
SDTK150/6	✔		✔			✔	

TECHNICAL SPECIFICATIONS

MOTOR									PUMP										
TYPE	KW	HP	V	Hz	A	rpm	OUTPUT	Hm	W mm	L mm	H mm	∇ m	KG	m³/h	40	80	120	160	200
SDTK100/6	7.5	10	400	50	15	2900	6"	19	320	525	660	7	130	mss	18	16	14	11	6
SDTK150/6	11	15	400	50	22	2900	6"	21	365	630	695	7	140	mss	20	19	17	14	10







1450 RPM HEAVY DUTY SEPTIC SUBMERSIBLE PUMPS

SDTK300/6



DEFINITION

Cast iron body, triphase 1450 RPM, septic submersible pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps are using at, industrial and treatment plant which up to maximum 30 meters of exavation waters, canal, pits and discharging of flood waters, and can discharge up to maximum solids and fibrous particuls passage 50 mm. It is suitable for using at heavy septics area because of 1450 RPM.

MATERIAL PROPERTIES

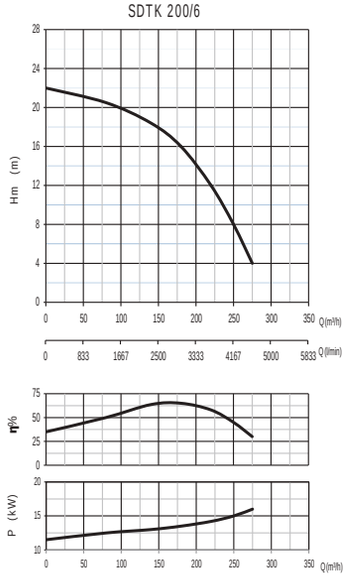
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	320 m³/hour
TOTAL HEAD (max.)	30 m
LIQUID PUMPING TEMPERATURE	0-30 °C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	10 m.
SEAL	SIC / SIC
PUMP DURABILITY PRESSURE (Pmax)	10 bar
CONNECTION FLANGE	DN 150 PN 6

TYPE	Control Panel	Open Impeller	Closed Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SDTK200/6	✔		✔			✔	
SDTK250/6	✔		✔			✔	
SDTK300/6	✔		✔			✔	

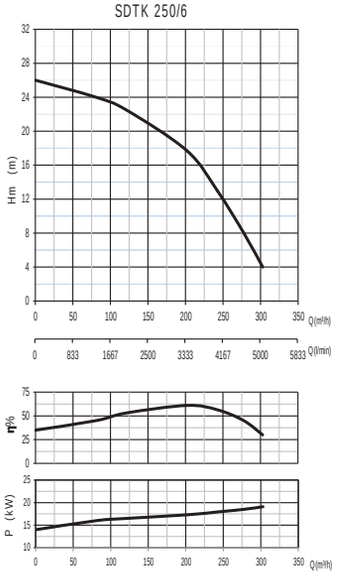
TECHNICAL SPECIFICATIONS

MOTOR							PUMP										
TYPE	KW	HP	V	Hz	A	rpm	OUTPUT	W mm	L mm	H mm	▽ m	KG	m³/h	40	100	200	250	300
SDTK200/6	15	20	380	50	30	1450	6"	465	568	1137	7	310	mss	21	20	14	9	-
SDTK250/6	18.5	25	380	50	32	1450	6"	465	568	1137	7	344		25	23	17	12	4
SDTK300/6	22	30	380	50	43	1450	6"	465	568	1137	7	365		29	27	21	15	8

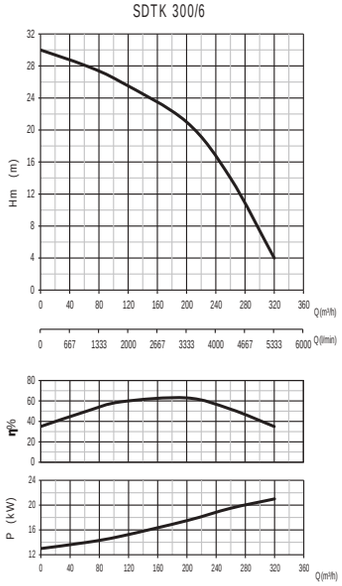
SDTK 200/6

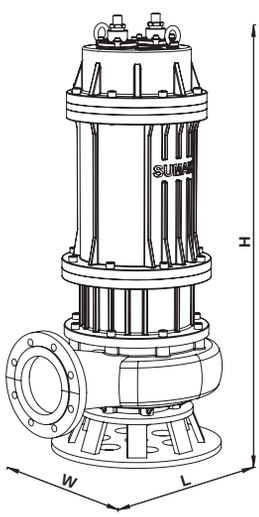


SDTK 250/6



SDTK 300/6





1450 RPM SEPTIC SUBMERSIBLE PUMPS WITH VORTEX IMPELLER

SDTV75/4



DEFINITION

Cast iron body, triphase 1450 RPM, septic submersible pumps with vortex impeller. It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps are using at muddy water in canal and pits, discharging of rain flood water, high flow ornamental pond, industrial and domestic areas which up to maximum 14 meters. SDTV series pumps have vortex impeller a solid waste passage up to 50 mm. It is used for the discharge of cloth, sack pieces and fibrous materials.

MATERIAL PROPERTIES

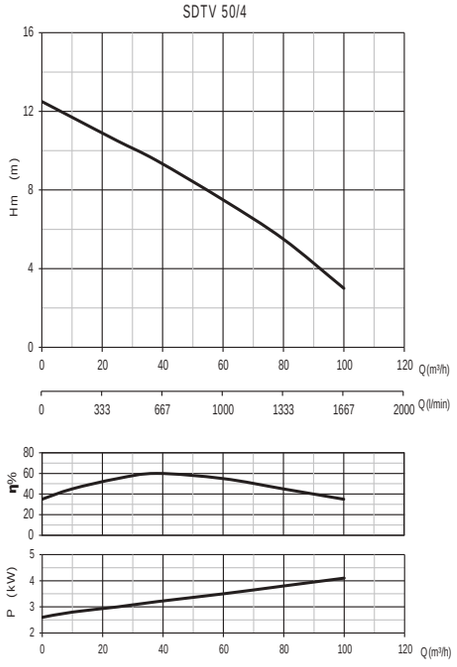
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 304 INOX
FLOW RATE (max.)	110 m³/hour
TOTAL HEAD (max.)	14 m
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	10 m.
SEAL	SIC / SIC
PUMP DURABILITY PRESSURE (Pmax)	8 bar

TYPE	Control Panel	Open Impeller	Closed Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SDTV50/4	✔	✔				✔	
SDTV75/4	✔	✔				✔	

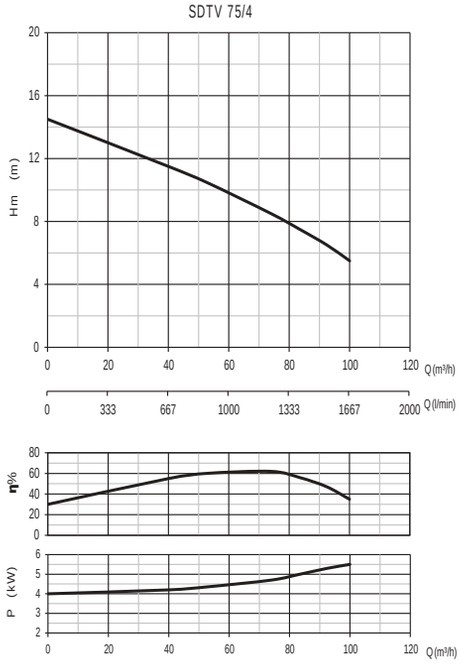
TECHNICAL SPECIFICATIONS

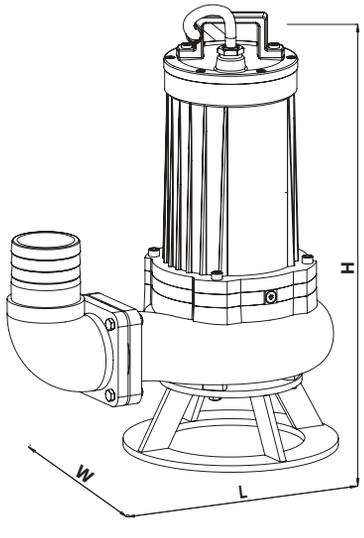
MOTOR							PUMP												
TYPE	KW	HP	V	Hz	A	rpm	OUTPUT	W mm	L mm	H mm	▽ m	KG	m³/h	15	30	60	80	100
SDTV50/4	4	5.5	380	50	9	1450	4"	320	525	660	7	91	mss	11	10	7.5	5	3
SDTV75/4	5.5	7.5	380	50	12	1450	4"	320	525	660	7	96	mss	13.5	12	10	8	5

SDTV 50/4



SDTV 75/4





1450 RPM SEPTIC SUBMERSIBLE PUMPS

SDTB50/4



DEFINITION

Cast iron body, triphase 1450 RPM, septic submersible pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps are using at treatment plant, muddy water in canal and pits, discharging of rain flood water, high flow ornamental pool, industrial and domestic areas which up to maximum 14 meters and can discharge up to maximum solids and fibrous particuls passage 30 mm.

MATERIAL PROPERTIES

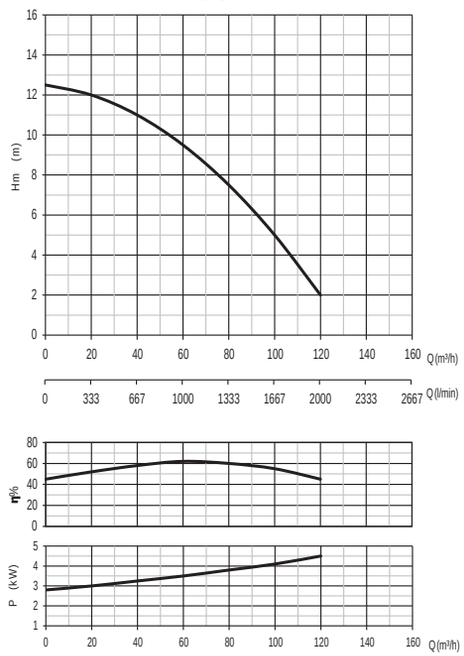
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 304 INOX
FLOW RATE (max.)	140 m³/hour
TOTAL HEAD (max.)	16 m
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	10 m.
SEAL	SIC / SIC
PUMP DURABILITY PRESSURE (Pmax)	8 bar

TYPE	Control Panel	Open Impeller	Closed Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SDTB50/4	✔		✔			✔	
SDTB75/4	✔		✔			✔	

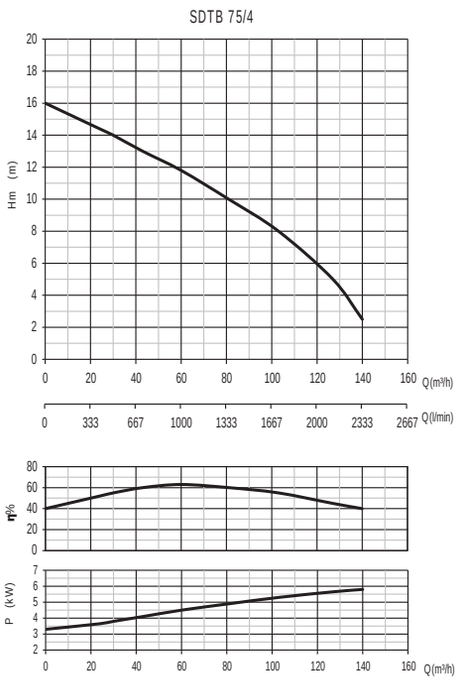
TECHNICAL SPECIFICATIONS

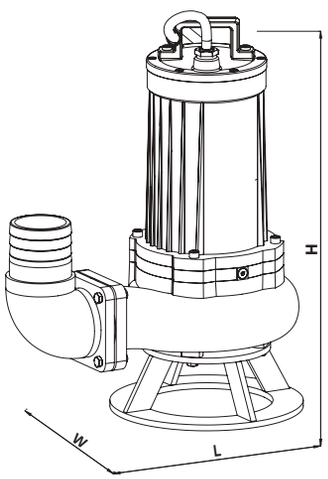
MOTOR							PUMP													
TYPE	KW	HP	V	Hz	A	rpm	OUTPUT	W mm	L mm	H mm	∇ m	KG	m³/h	20	40	60	80	110	130
SDTB50/4	4	5.5	380	50	9	1450	4"	320	525	660	7	90	mss	12	11	9.5	7.5	3.5	-
SDTB75/4	5.5	7.5	380	50	12	1450	4"	320	525	660	7	94	mss	14.5	13	11.5	10	7	4

SDTB 50/4



SDTB 75/4





1450 RPM MUDDY WATER SUBMERSIBLE PUMPS WITH MIXER

SDT75/3 C



DEFINITION

Cast iron body, triphase, mixer, cooling jacket, 1450 RPM, control panel, termistor protection muddy water submersible pumps.

USAGE AREAS

These type of pumps can be used for discharging of the water, heavy septics area, tunnel construction, marble and mines area, construction excavations at water concentrations 1.5 kgm³ – 2.5 kgm³ which up to maximum 17.5 meters. It can reduce density of fluid because of having mixer which connected to shaft.

MATERIAL PROPERTIES

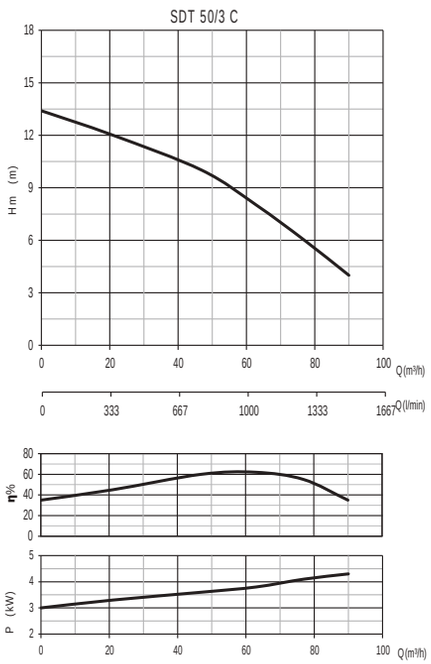
PUMP BODY	GG25 CAST IRON
IMPELLER	STAINLESS STEEL
MIXER	STAINLESS STEEL
SHAFT	AISI 420
FLOW RATE (max.)	120 m³/hour
TOTAL HEAD (max.)	17.5 m
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	10 m.
SEAL	SIC / SIC
PUMP DURABILITY PRESSURE (Pmax)	8 bar

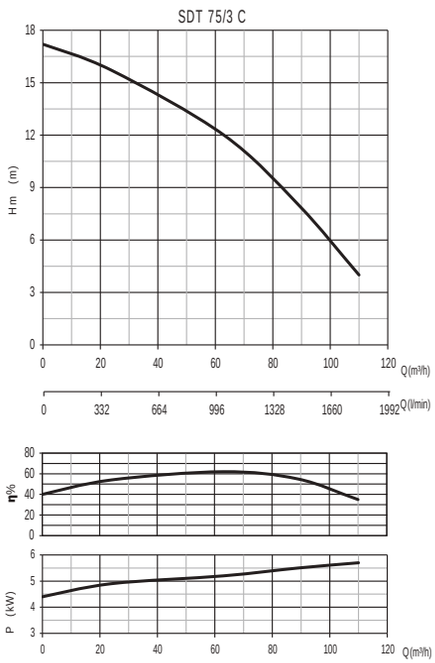
TYPE	Control Panel	Open Impeller	Closed Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SDT50/3 C	✔	✔		✔	✔		
SDT75/3 C	✔	✔		✔	✔		

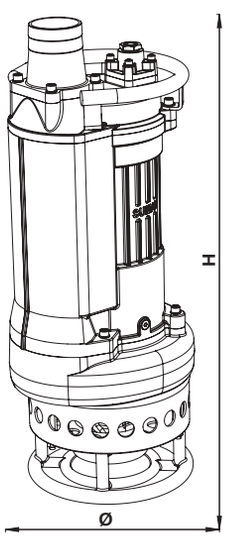
TECHNICAL SPECIFICATIONS

	MOTOR							PUMP										
	TYPE	KW	HP	V	Hz	A	rpm	OUTPUT	Q mm	H mm	▽ m	KG	m³/h	20	40	60	80	100
*	SDT50/3 C	4	5.5	380	50	9.5	1450	3”	360	880	7	130.5	mss	12	10.5	8.5	5.5	-
*	SDT75/3 C	5.5	7.5	380	50	12	1450	3”	360	880	7	137.5		16	14.5	12.5	9.5	6

*** Optionally, can manufactured with 4” output union.**







SEPTIC SUBMERSIBLE PUMPS WITH BLADE

SBRM15/2



DEFINITION

(SBRM15/2 – SBRM19/2) Stainless steel body, monophase/triphase, easy to install, automatically septic submersible pumps with blade.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps can be use shred fibrous and not much solid particles in the water easy discharge which up to maximum 13.5 meters. It can be used in industry, construction sector and sewage systems of domestic area, treatment plant, because of the stainless steel body.

MATERIAL PROPERTIES

PUMP BODY	AISI 304 INOX
IMPELLER	GG25 CAST IRON
SHAFT	AISI 304 INOX
FLOW RATE (max.)	18 m³/hour
TOTAL HEAD (max.)	13.5 m
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	10 m.
BLADE	AISI 420 INOX
SEAL	SIC / SIC
PUMP DURABILITY PRESSURE (Pmax)	4 bar

TYPE	Control Panel	Open Impeller	Closed Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SBRM15/2 SBRT15/2	✔	✔		✔		✔	
SBRM18/2 SBRT18/2	✔	✔		✔		✔	
SBRM19/2 SBRT19/2	✔	✔		✔		✔	
SBRT18/2-P	✔	✔		✔		✔	
SBRT19/2-P	✔	✔		✔		✔	

SBRM19/2-P

New Product

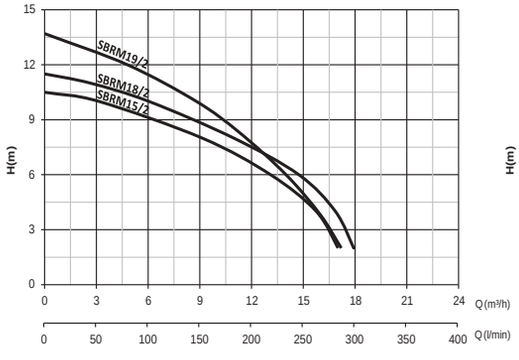


TECHNICAL SPECIFICATIONS

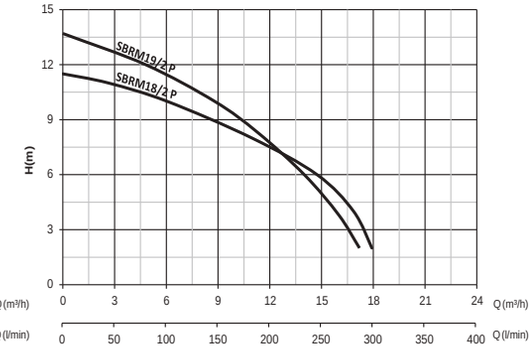
MOTOR									PUMP											
TYPE	KW	HP	V	Hz	A	rpm	CAPACITOR uf	CAPACITOR Vc	OUTPUT	W mm	L mm	H mm	∇ m	KG	m³/h	6	9	12	18	24
SBRM15/2 SBRT15/2	1.1	1.5	220	50	5.8	2900	30	450	2"	200	280	380	7	22.5	mss	9	8	7	-	-
SBRM18/2 SBRT18/2	1.35	1.8	220	50	6.3	2900	30	450	2"	200	280	380	7	23		10	9	8	2	-
SBRM19/2 SBRT19/2	1.35	1.8	220	50	6.8	2900	30	450	2"	200	280	430	7	23		13	11.5	9	8	5

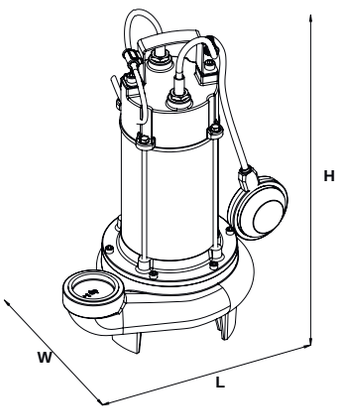
MOTOR									PUMP											
TYPE	KW	HP	V	Hz	A	rpm	CAPACITOR uf	CAPACITOR Vc	OUTPUT	W mm	L mm	H mm	∇ m	KG	m³/h	2	4	8	12	16
SBRM18/2-P SBRT18/2-P	1.35	1.8	220	50	6.4	2900	30	450	2"	200	280	380	7	23	mss	11	10.5	9	8	5
SBRM19/2-P SBRT19/2-P	1.35	1.8	220	50	6.4	2900	30	450	2"	200	280	430	7	23		13.5	12.5	11.5	8.5	5

SBRM15/2



SBRM18/2P





SEPTIC SUBMERSIBLE PUMPS WITH BLADE

SBRT20/2



DEFINITION

Cast iron body, triphase, septic submersible pumps with blade.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps can be use shred fibrous and not much solid particles in the water easy discharge which up to maximum 28 meters. It can be used in industry, hotels, construction sector and sewage systems of domestic area, treatment plant.

MATERIAL PROPERTIES

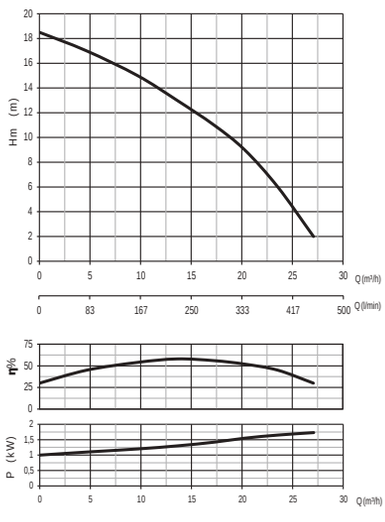
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 304 INOX
FLOW RATE (max.)	27 m³/hour
TOTAL HEAD (max.)	28 m
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	10 m.
BLADE	AISI 420 INOX
SEAL	SIC / SIC
PUMP DURABILITY PRESSURE (Pmax)	8 bar

TYPE	Control Panel	Open Impeller	Closed Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SBRT20/2	✔	✔		✔		✔	
SBRT30/2	✔	✔		✔		✔	
SBRT40/2	✔	✔		✔		✔	

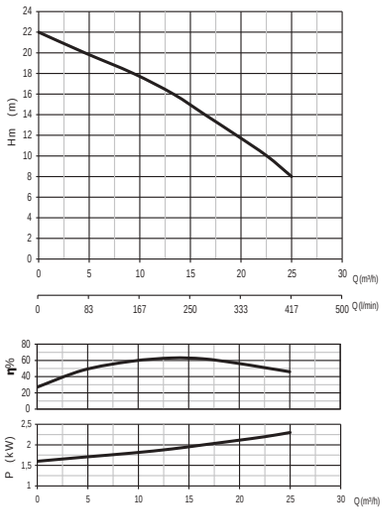
TECHNICAL SPECIFICATIONS

MOTOR								PUMP											
TYPE	KW	HP	V	Hz	A	rpm	Hm	OUTPUT	W mm	L mm	H mm	▽ m	KG	m³/h	6	9	12	18	24
SBRT20/2	1.6	2.2	380	50	3.4	2900	19	2"	240	309	465	7	42.5	mss	16	15	14	11	6
SBRT30/2	2.2	3	380	50	5	2900	22	2"	240	309	465	7	44.5		19	18	17	13	9
SBRT40/2	3	4	380	50	7.4	2900	27	2"	240	309	465	7	46.5		25	24	22	19	15

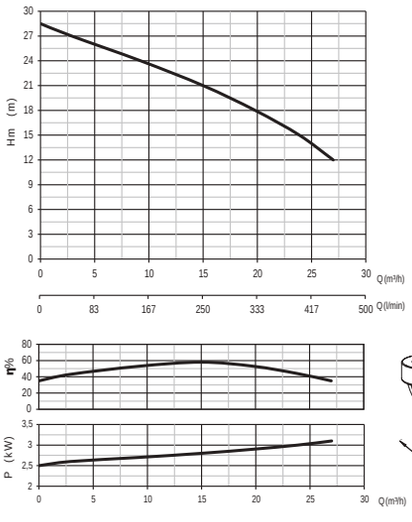
SBRT 20/2

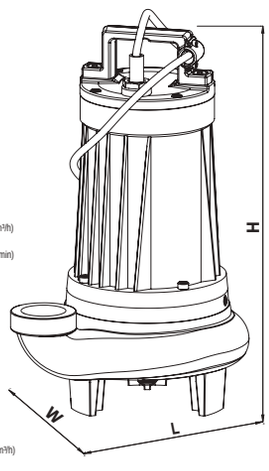


SBRT 30/2



SBRT 40/2





SEPTIC SUBMERSIBLE PUMPS WITH GRINDER BLADE

New Product

SBRT20/2-P



DEFINITION

Cast iron body, triphase, septic submersible pumps with blade.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps can be use shred fibrous and not much solid particles in the water easy discharge which up to maximum 28 meters. It can be used in industry, hotels construction sector and sewage systems of domestic area, treatment plant.

MATERIAL PROPERTIES

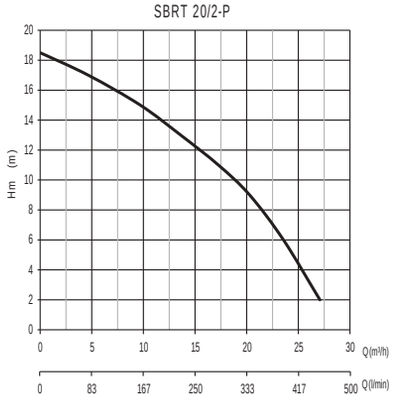
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 304 INOX
FLOW RATE (max.)	30 m³/hour
TOTAL HEAD (max.)	28 m
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	10 m.
BLADE	AISI 420 INOX
SEAL	SIC / SIC
PUMP DURABILITY PRESSURE (Pmax)	8 bar

TYPE	Control Panel	Open Impeller	Closed Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SBRT20/2-P	✔	✔		✔		✔	
SBRT30/2-P	✔	✔		✔		✔	
SBRT40/2-P	✔	✔		✔		✔	

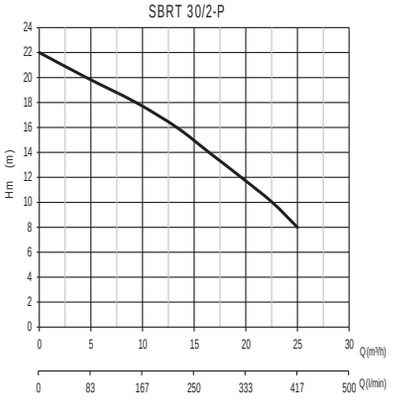
TECHNICAL SPECIFICATIONS

MOTOR								PUMP											
TYPE	KW	HP	V	Hz	A	rpm	Hm	OUTPUT	W mm	L mm	H mm	∇ m	KG	m³/h	6	9	12	18	24
SBRT20/2-P	1.6	2.2	380	50	3.4	2900	19	2"	200	309	520	7	34	mss	16	15	14	11	6
SBRT30/2-P	2.2	3	380	50	5	2900	22	2"	240	309	520	7	37		19	18	17	13	9
SBRT40/2-P	3	4	380	50	7.4	2900	28	2"	240	309	520	7	40		25	24	22	19	15

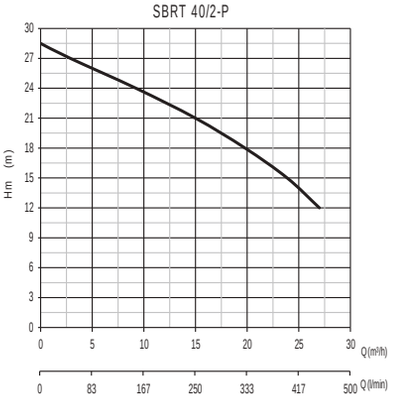
SBRT 20/2-P

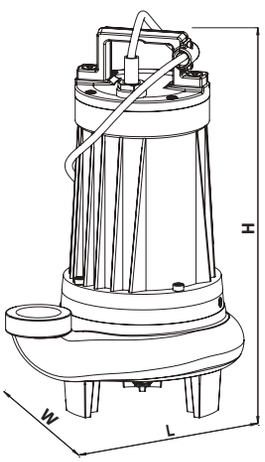


SBRT 30/2-P



SBRT 40/2-P





SEPTIC SUBMERSIBLE PUMPS WITH GRINDER BLADE

New Product

SBRT50/2-P



DEFINITION

Cast iron body, triphase, septic submersible pumps with blade.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps can be use shred fibrous and not much solid particles in the water easy discharge which up to maximum 46 meters. It can be used in industry, hotels, construction sector and sewage systems of domestic area, treatment plant.

MATERIAL PROPERTIES

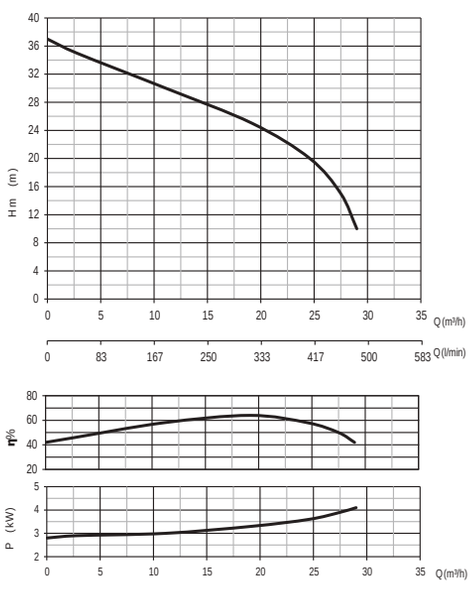
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 304 INOX
FLOW RATE (max.)	30 m³/hour
TOTAL HEAD (max.)	46 m
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	10 m.
BLADE	AISI 420 INOX
SEAL	SIC / SIC
PUMP DURABILITY PRESSURE (Pmax)	8 bar

TYPE	Control Panel	Open Impeller	Closed Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SBRT50/2-P	✔	✔		✔		✔	
SBRT75/2-P	✔	✔		✔		✔	

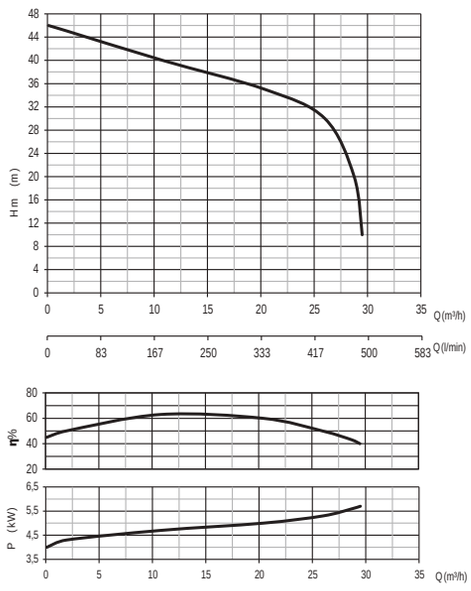
TECHNICAL SPECIFICATIONS

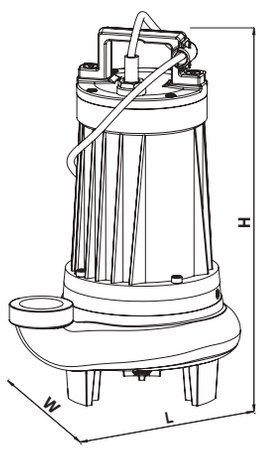
MOTOR								PUMP											
TYPE	KW	HP	V	Hz	A	rpm	Hm	OUTPUT	W mm	L mm	H mm	▽ m	KG	m³/h	6	9	12	18	24
SBRT50/2-P	4	5.5	380	50	9.5	2900	37	2"	290	380	610	7	74	mss	33	31	29	26	21
SBRT75/2-P	5.5	7.5	380	50	12	2900	46	2"	290	380	610	7	79		42	41	39	36	32

SBRT 50/2-P



SBRT 75/2-P





SEPTIC SUBMERSIBLE PUMPS WITH GRINDER BLADE

New Product

SBRT50/3-P



DEFINITION

Cast iron body, triphase, septic submersible pumps with blade.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps can be use shred fibrous and not much solid particles in the water easy discharge which up to maximum 34 meters. It can be used in industry, hotels, construction sector and sewage systems of domestic area, treatment plant.

MATERIAL PROPERTIES

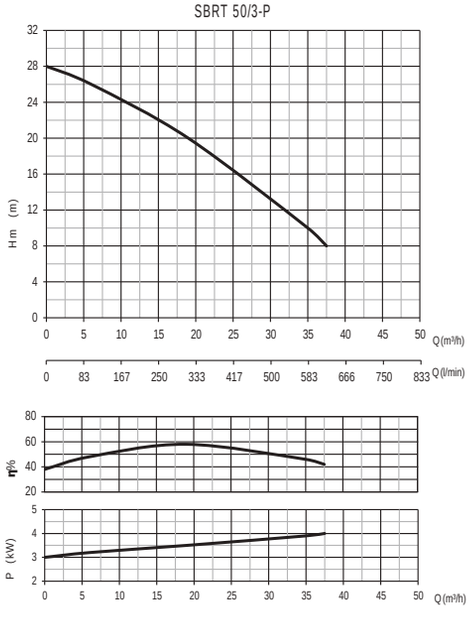
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 304 INOX
FLOW RATE (max.)	47 m³/hour
TOTAL HEAD (max.)	34 m
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	10 m.
BLADE	AISI 420 INOX
SEAL	SIC / SIC
PUMP DURABILITY PRESSURE (Pmax)	8 bar

TYPE	Control Panel	Open Impeller	Closed Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SBRT50/3-P	✓	✓		✓		✓	
SBRT75/3-P	✓	✓		✓		✓	

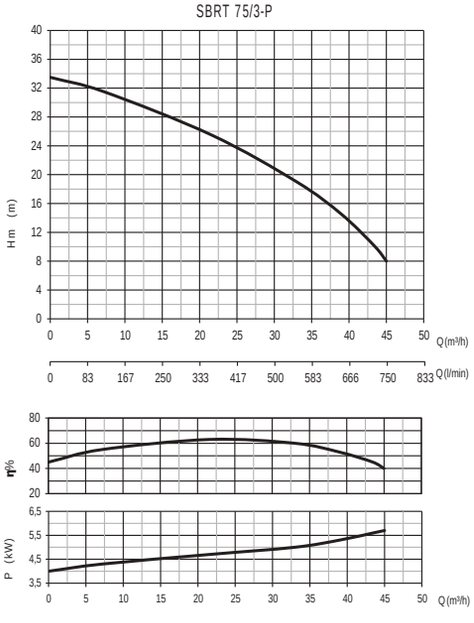
TECHNICAL SPECIFICATIONS

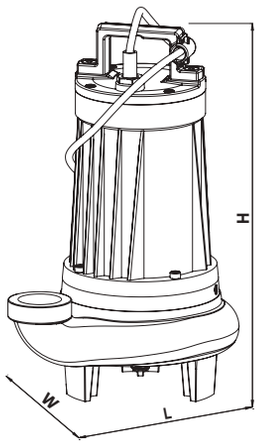
MOTOR								PUMP											
TYPE	KW	HP	V	Hz	A	rpm	Hm	OUTPUT	W mm	L mm	H mm	▽ m	KG	m³/h	10	15	20	30	40
SBRT50/3-P	4	5.5	380	50	9.5	2900	28	3"	315	435	604	7	77	mss	24	22	19	13	-
SBRT75/3-P	5.5	7.5	380	50	12	2900	33	3"	315	435	604	7	81	mss	30	28	26	21	13

SBRT 50/3-P



SBRT 75/3-P





SEPTIC SUBMERSIBLE PUMPS WITH THERMOPLASTIC TANK

New Product

SMAC-1800 A



SMAC-2200 B



DEFINITION

Septic submersible pump systems with thermoplastic tanks are used for the storage of waste water in places at a lower elevation than the city mains sewage line. And this is a long life, odour-free, insulated and easy-to-install system developed to transfer the stored water to the city sewage network with submersible pumps with grinder blade.

USAGE AREAS

These septic submersible pump systems are suitable use in the transfer of septic and waste water to the city sewage network in the buildings which are lower than the main level. Also it is use in drainage water pit, gas station, car washer service, underground garage, storing water in boats and marinas, boilers and machinery rooms, public institutions, schools, universities, hospitals, city halls, factories, hotels, construction areas, holiday villages, workers accommodation containers, market stores, wc, showers and cafeterias.

MATERIAL PROPERTIES

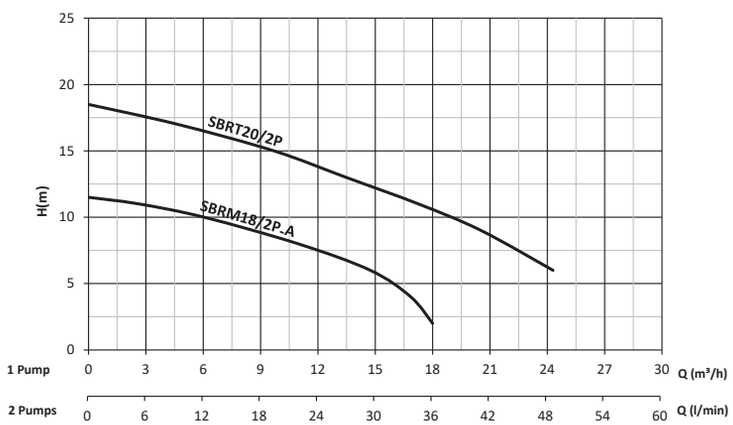
SYSTEM BODY	THERMOPLASTIC
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 304 INOX
FLOW RATE (max.)	55 m³/hour
TOTAL HEAD (max.)	18 m
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
SEAL	SIC / SIC

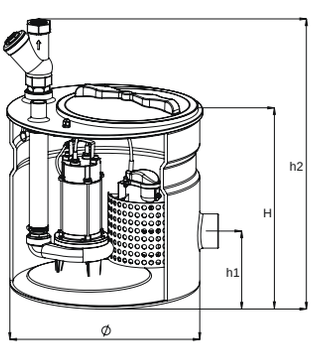
TECHNICAL SPECIFICATIONS

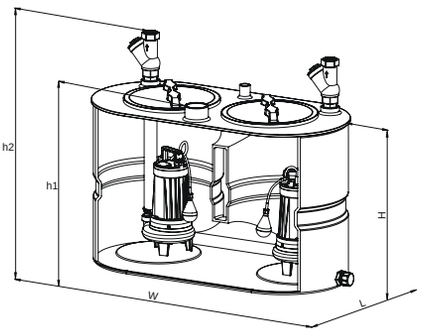
	Type	Volume Lt	Pump	V	mss	m³/h	Tank Dimension Ø	Tank Dimension H	Input h1	Output h2	Input Ø	Output Ø	KG
*	SMAC-1800 A	150	SBRM18/2P A	220	6	15	540	650	180	840	110	50	36
					9	9							
*	SMAC-2200 A	200	SBRT20/2 P	380	6	24	540	850	625	1038	110	50	59
					9	18							

	Type	Volume Lt	Pump	V	mss	m³/h	Tank Dimension W	Tank Dimension L	Tank Dimension H	Input h1	Output h2	Input Ø	Output Ø	KG
*	SMAC-2200 B	500	2x SBRT20/2 P	380	6	48	1280	540	850	845	1038	110	2x50	123
					9	36								

*** These septic submersible pumps with thermoplastic tanks can manufacture with different dimensions and types.**







SUBMERSIBLE DRAINAGE PUMPS WITH ELEVATOR FLOATER

SDF6A



SDF13A



SDF18/2Y-A



DEFINITION

Monophase, easy-to-install, automatically running, submersible drainage pump with elevator floater.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps are using at, narrow drainage pits (minimum 45*45 cm), elevator pits waterfall, basement, ornamental pool, building, drain pit and pond in the water maximum height of 19 meters and can discharge up to maximum solids passage 6 mm.

MATERIAL PROPERTIES

PUMP BODY	INOX (SDF6A-SDF18/2Y-A) PPH (SDF13A)
IMPELLER	NORYL (SDF6A-SDF18/2Y-A) GG25 CAST IRON (SDF13A)
SHAFT	AISI 304 INOX
FLOW RATE (max.)	25 m³/hour
TOTAL HEAD (max.)	19 m
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	10 m
SEAL	SIC / SIC
PUMP DURABILITY PRESSURE (Pmax)	4 bar

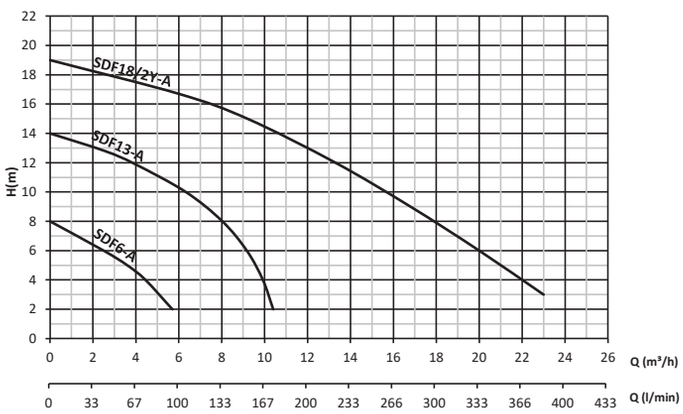
Type	Control Panel	Open Impeller	Closed Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller	Thermic Protection
SDF6A		✔					✔	
SDF13A		✔					✔	✔
SDF18/2Y-A	✔	✔				✔		

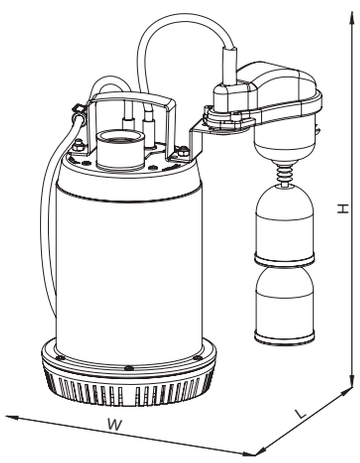
TECHNICAL SPECIFICATIONS

MOTOR									PUMP											
TYPE	KW	HP	V	Hz	A	rpm	CAPACITOR uf	CAPACITOR Vc	Output	W mm	L mm	H mm	▽ m	KG	m³/h	1	2.5	3.5	4.5	5
SDF6A	0.37	0.5	220	50	2.2	2900	10	450	1 1/4	290	170	365	7	6.5	mss	7	6	5	4	3

TYPE	KW	V	Hz	A	rpm	CAPACITOR uf	CAPACITOR Vc	Output	W mm	L mm	H mm	▽ m	KG	m³/h	1	3	5	7	10
SDF13A	1	220	50	4.4	2900	25	450	1 1/4	270	185	390	7	13.5	mss	13.5	12.5	11	9	4

TYPE	KW	HP	V	Hz	A	rpm	CAPACITOR uf	CAPACITOR Vc	Output	W mm	L mm	H mm	▽ m	KG	m³/h	3	8	12	16	20
SDF18/2Y-A	1.35	1.8	220	50	6.5	2900	30	450	2"	335	215	460	7	21.7	mss	18	16	13	10	6





SUBMERSIBLE SEPTIC PUMPS WITH ELEVATOR FLOATER

SDF14/2-A



DEFINITION

Monophase, easy-to-install, automatically running, submersible drainage pump with elevator floater.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

(SDF14/2-A – SDF18/2-A) These type of pumps are using at, narrow drainage and septic pits (minimum 45*45 cm), elevator pits, pond in the water maximum height of 13.5 meters and can discharge up to maximum solids passage 20 mm.

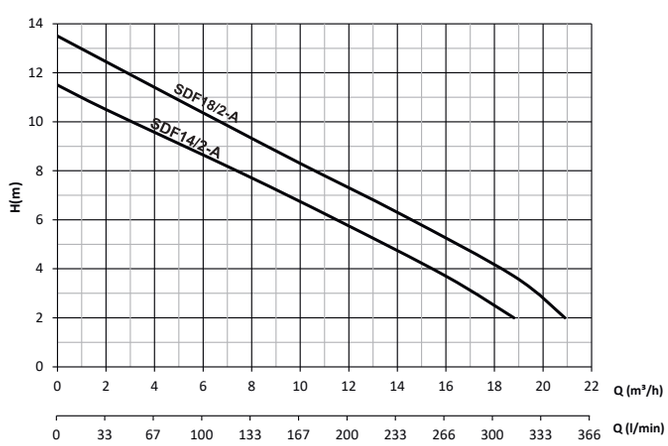
MATERIAL PROPERTIES

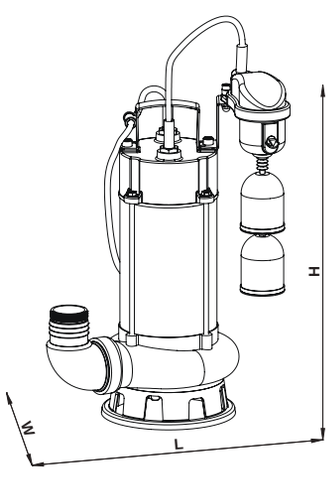
PUMP BODY	AISI 304 INOX
IMPELLER	GG25 CAST IRON
SHAFT	AISI 304 INOX
FLOW RATE (max.)	21 m³/hour
TOTAL HEAD (max.)	13.5 m
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	10 m
SEAL	SIC / SIC
PUMP DURABILITY PRESSURE (Pmax)	4 bar

TYPE	Control Panel	Open Impeller	Closed Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SDF14/2-A	✔	✔				✔	
SDF18/2-A	✔	✔				✔	

TECHNICAL SPECIFICATIONS

MOTOR									PUMP											
TYPE	KW	HP	V	Hz	A	rpm	CAPACITOR uf	CAPACITOR Vc	Output	W mm	L mm	H mm	∇ m	KG	m³/h	2	6	10	16	20
SDF14/2-A	1.1	1.5	220	50	5.5	2900	25	450	2"	175	340	460	7	19	mss	10.5	8.5	7	4	-
SDF18/2-A	1.35	1.8	220	50	6	2900	30	450	2"	175	340	460	7	20		12.5	10.5	8	5	3





SDF5/2



DEFINITION

Monophase, automatically running, portable, clean water submersible pump with floater.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps are using at, little ornamental waterfall and rainwaters, supply of clean water which up to maximum 32 meters.

MATERIAL PROPERTIES

PUMP BODY	PPH (SDF5/2) INOX (SDF15/1)
IMPELLER	NORYL
SHAFT	AISI 304 INOX
FLOW RATE (max.)	13 m³/hour
TOTAL HEAD (max.)	32 m
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	SDF5/2: 20 meters – SDF15/1: 10 meters
SEAL	SIC / SIC
PUMP DURABILITY PRESSURE (Pmax)	6 bar

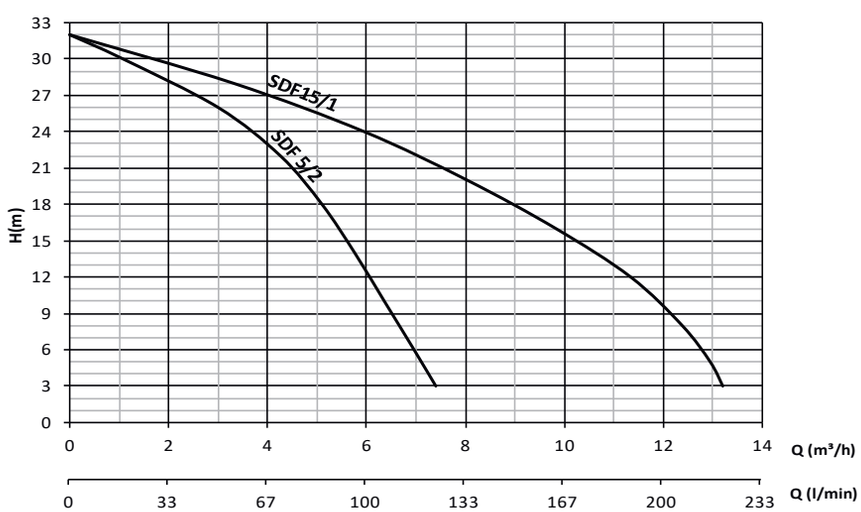
Type	Control Panel	Open Impeller	Closed Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller	Thermic Protection
SDF5/2			✔				✔	✔
SDF15/1	✔		✔				✔	

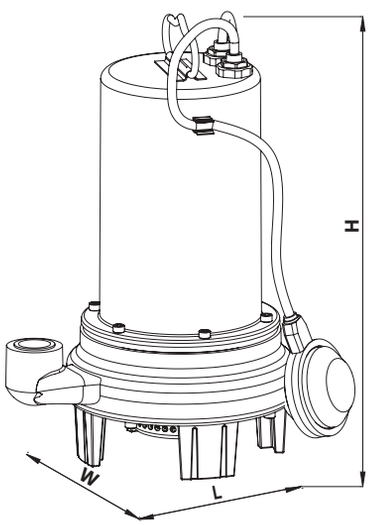
SDF15/1



TECHNICAL SPECIFICATIONS

MOTOR									PUMP												
TYPE	KW	HP	V	Hz	A	rpm	CAPACITOR uf	CAPACITOR Vc	OUTPUT	W mm	L mm	H mm	∇ m	KG	m³/h	1	3	5	7	10
SDF5/2	0.75	1	220	50	4.2	2900	25	450	1¼	135	185	248	17	15	mss	30	25	18	6	-
SDF15/1	1.1	1.5	220	50	6.8	2900	25	450	1”	200	280	326	7	21	mss	31	28	25	22	15





SDF12/3



DEFINITION

Stainless steel body, 2” output, high altitude, monophase, control panel, automatically running, portable, clean water submersible pump with floater.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps are using at, little ornamental waterfall and rainwaters, domestic clean water, supply of clean and caisson well water which up to maximum 43 meters. It is suitable for irrigation for gardens.

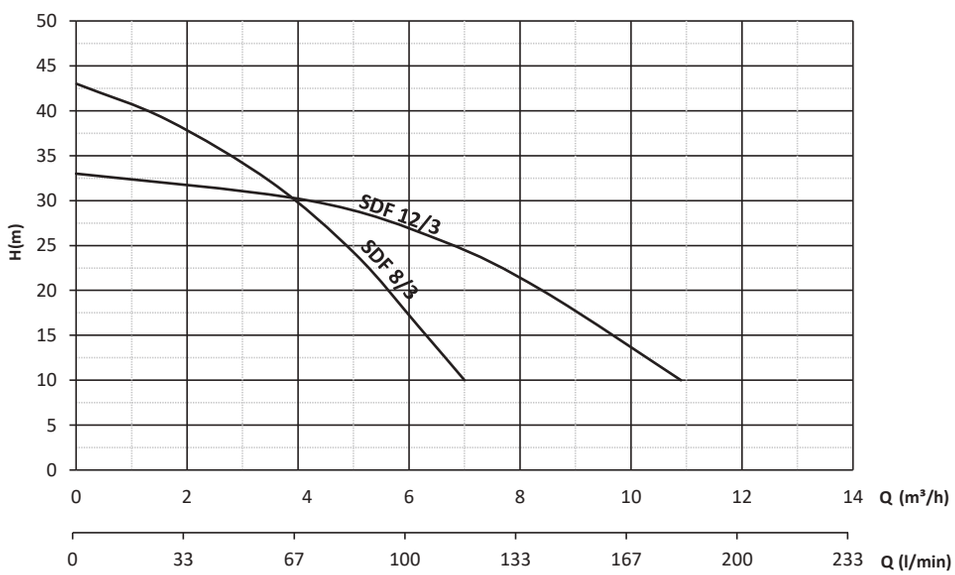
MATERIAL PROPERTIES

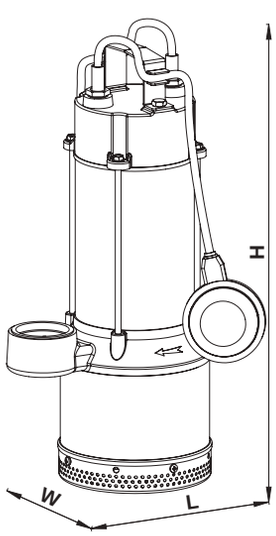
PUMP BODY	AISI 304 INOX
IMPELLER	NORYL
SHAFT	AISI 304 INOX
FLOW RATE (max.)	11 m³/hour
TOTAL HEAD (max.)	43 m
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	20 m
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	6 bar

TYPE	Control Panel	Open Impeller	Closed Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SDF8/3	✔		✔				✔
SDF12/3	✔		✔				✔

TECHNICAL SPECIFICATIONS

MOTOR									PUMP												
TYPE	KW	HP	V	Hz	A	rpm	CAPACITOR uf	CAPACITOR Vc	OUTPUT	W mm	L mm	H mm	∇ m	KG	m³/h	mss	2	4	6	8	10
SDF8/3	1.35	1.8	220	50	6.8	2900	30	450	2”	170	240	470	17	20.5			38	30	17	-	-
SDF12/3	1.35	1.8	220	50	6.8	2900	30	450	2”	170	240	470	17	20.5			32	30	27	21	14





SDF25/2



SDT25/2



DEFINITION

Monophase/triphase, easy-to-install, suitable for practically, clean water submersible pump with floater.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps are using at, high flow ornamental pool, discharging of drainage and rain water, industrial and domestic sewages without particul, supply of clean water which up to maximum 29 meters.

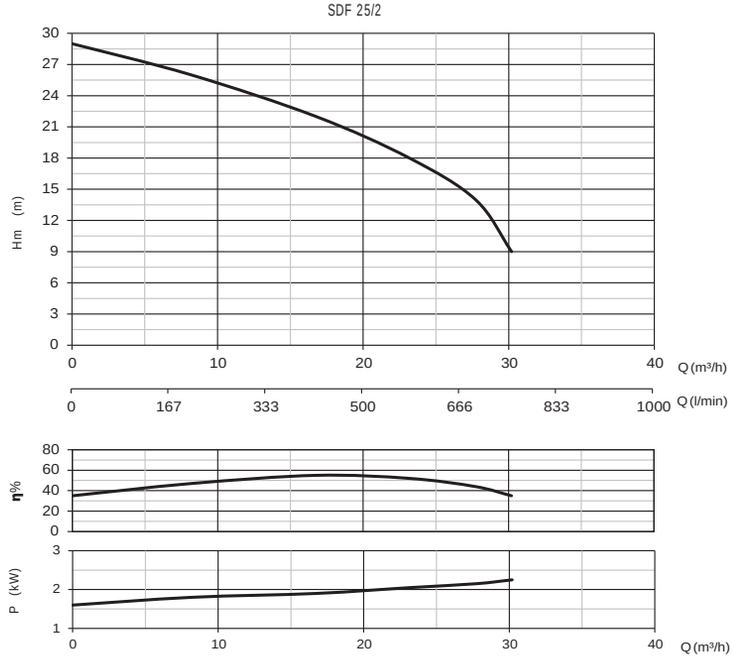
MATERIAL PROPERTIES

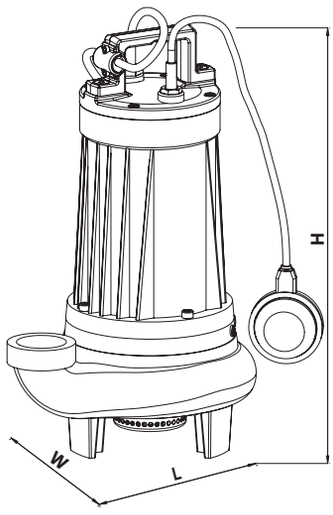
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 304 INOX
FLOW RATE (max.)	30 m³/hour
TOTAL HEAD (max.)	29 m
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	10 m
SEAL	SIC / SIC
PUMP DURABILITY PRESSURE (Pmax)	6 bar

TYPE	Control Panel	Open Impeller	Closed Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SDF25/2	✔		✔			✔	
SDT25/2	✔		✔			✔	

TECHNICAL SPECIFICATIONS

MOTOR									PUMP										
TYPE	KW	HP	V	Hz	A	rpm	CAPACITOR uf	CAPACITOR Vc	OUTPUT	W mm	L mm	H mm	∇ m	KG	m³/h	6	12	18	24
SDF25/2	2.2	3	220	50	13.5	2900	50	450	2"	240	309	500	7	43.5	mss	27	24	21	17
SDT25/2	2.2	3	380	50	4.8	2900	-	-	2"	240	309	500	7	43.5		27	24	21	17





4” STAINLESS STEEL SUBMERSIBLE PUMPS

Bronze Impeller
Bronze Pump Body

4SDM100



4SDM310



DEFINITION

Monophase, suitable for practically, no need to electrical panel, using at 4” drilling and caisson well which clean water submersible pump.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

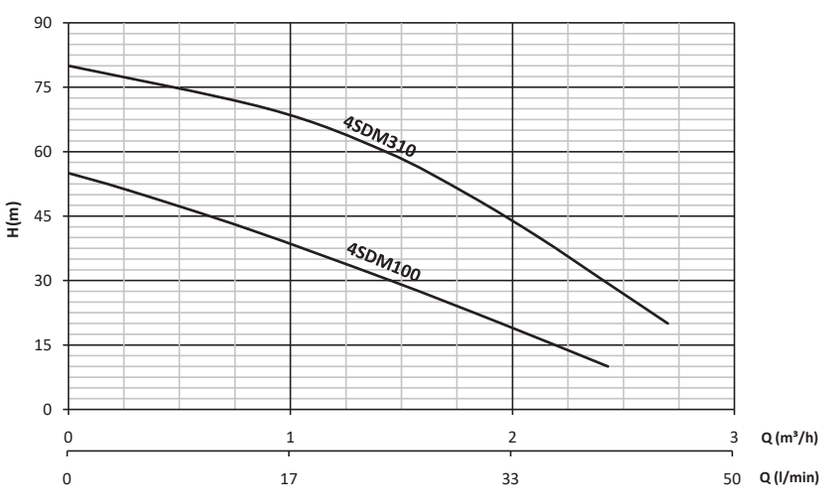
These type of pumps are using at, in the supply of pressurized clean water from drilling and wells, it can be used for booster in villas up to a maximum height of 81 m.

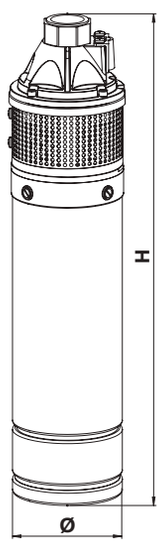
MATERIAL PROPERTIES

PUMP BODY	AISI 304 INOX
IMPELLER	BRONZE (4SDM100) – POLYCARBONATE (4SDM310)
SHAFT	AISI 304 INOX
FLOW RATE (max.)	3 m³/hour
TOTAL HEAD (max.)	80 m
LIQUID PUMPING TEMPERATURE	0-30 °C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	30 m
SEAL	Ceramic / Carbont
PUMP DURABILITY PRESSURE (Pmax)	12 bar

TECHNICAL SPECIFICATIONS

MOTOR									PUMP									
TYPE	KW	HP	V	Hz	A	rpm	CAPACITOR uf	CAPACITOR Vc	OUTPUT	Ø mm	H mm	∇ m	KG	m³/h	0.5	1	1.5	2
4SDM100	0.75	1	220	50	5.8	2900	25	450	1”	97	465	27	13	mss	46	38	28	17
4SDM310	0.75	1	220	50	5.2	2900	25	450	1 1/4	97	484	27	16	mss	74	69	58	43





5” MULTI STAGE SUBMERSIBLE PUMPS

5SDF7





DEFINITION

Suitable for practically, no need to electrical panel, using at 5” multi stage caisson well which submersible pump with floater.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps are using at, in the supply of pressurized clean water from drilling and wells, it can be used for booster in fountain pond systems, in amateur fountain lawn irrigation systems, villas up to a maximum height of 56 m.

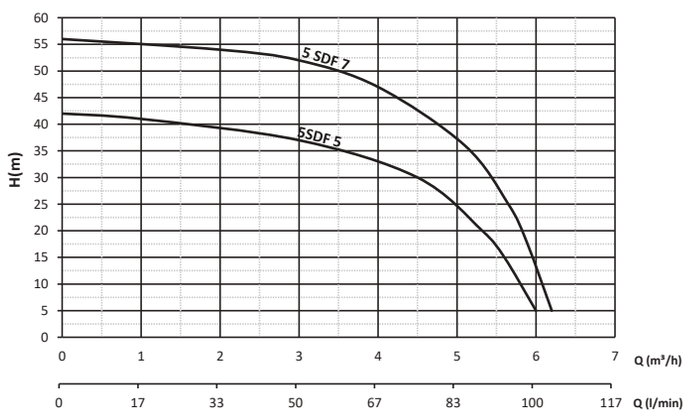
MATERIAL PROPERTIES

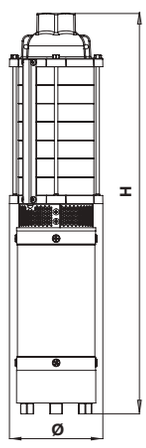
PUMP BODY	AISI 304 INOX
IMPELLER	NORYL
SHAFT	AISI 420
FLOW RATE (max.)	6 m³/hour
TOTAL HEAD (max.)	56 m
LIQUID PUMPING TEMPERATURE	0-30 °C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	30 m
SEAL	Ceramic / Carbont
PUMP DURABILITY PRESSURE (Pmax)	9 bar

TYPE	Control Panel	Open Impeller	Closed Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
5SDF5	✔		✔				✔
5SDF7	✔		✔				✔
5SDT5	✔		✔				✔
5SDT7	✔		✔				✔

TECHNICAL SPECIFICATIONS

MOTOR											PUMP										
TYPE	KW	HP	V MONO	V TRİ	Hz	A MONO	A TRİ	rpm	CAPACITOR uf	CAPACITOR Vc	OUTPUT	Ø mm	H mm	▽ m	KG	m³/h	1	2	3	4	5.5
5SD5	0.75	1	220		50	5.3	-	2900	25	450	1¼	150	575	27	24.5	mss	41	40	37	33	20
5SDF5	0.75	1	220	-	50	5.3	-	2900	25	450	1¼	150	575	27	24.5		41	40	37	33	20
5SDT5	0.75	1	-	380	50	-	2.6	2900	-	-	1¼	150	656	27	24.5		41	40	37	33	20
5SD7	1.1	1.5	220		50	6.3	-	2900	30	450	1¼	150	635	27	25.5		55	54	52	47	30
5SDF7	1.1	1.5	220	-	50	6.3	-	2900	30	450	1¼	150	635	27	25.5		55	54	52	47	30
5SDT7	1.1	1.5	-	380	50	-	2.8	2900	-	-	1¼	150	635	27	25.5		55	54	52	47	30





5” STAINLESS STEEL SUBMERSIBLE PUMPS

Self Check Valve
Shaft Bushing



DEFINITION

Suitable for practically, no need to electrical panel, using at 5” multi stage caisson well which submersible pump with floater.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps are using at, in the supply of pressurized clean water from drilling and wells, it can be used for booster in fountain pond systems, villas up to a maximum height of 72 m.

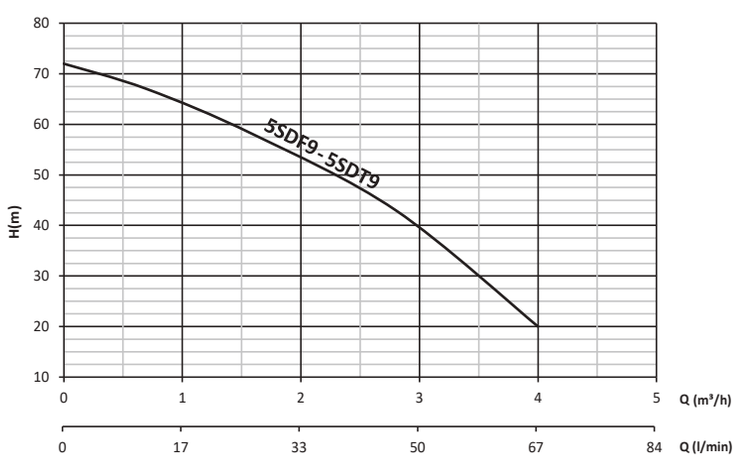
MATERIAL PROPERTIES

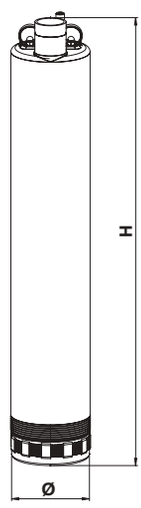
PUMP BODY	AISI 304 INOX
IMPELLER	NORYL
SHAFT	AISI 304 INOX
FLOW RATE (max.)	4 m³/hour
TOTAL HEAD (max.)	72 m
LIQUID PUMPING TEMPERATURE	0-30 °C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	30 m
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	10 bar

TYPE	Control Panel	Open Impeller	Closed Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
5SDF9	✔		✔				✔
5SDT9	✔		✔				✔

TECHNICAL SPECIFICATIONS

MOTOR									PUMP											
TYPE	KW	HP	V	Hz	A	rpm	CAPACITOR uf	CAPACITOR Vc	OUTPUT	Ø mm	H mm	∇ m	KG	m³/h	1	2	3	4	4.5
5SD9	1.1	1.5	220	50	8.3	2900	30	450	1¼	114	645	27	18	mss	63	53	39	20	-
5SDF9	1.1	1.5	220	50	8.3	2900	30	450	1¼	114	645	27	18		63	53	39	20	-
5SDT9	1.1	1.5	380	50	2.7	2900	-	-	1¼	114	645	27	17.5		63	53	39	20	-





SOLAR ENERGY 4" SUBMERSIBLE PUMPS

4SDM100 SLR

New Product









DEFINITION

These systems are designed the needs of all kinds of water that operate submersible pumps by converting DC energy obtained from solar panels to 220 V AC energy by storing them in gel batteries using invertor.

USAGE AREAS

These type of pumps are designed for village away from the power line or in places where no electricity, water supply for houses in rustic areas, farms, livestock farms, drinking water needs, agricultural irrigation, crop irrigation, fields, gardens, wells, etc. These system continues to water needs cause of the gel batteries that store energy when there is no sun.

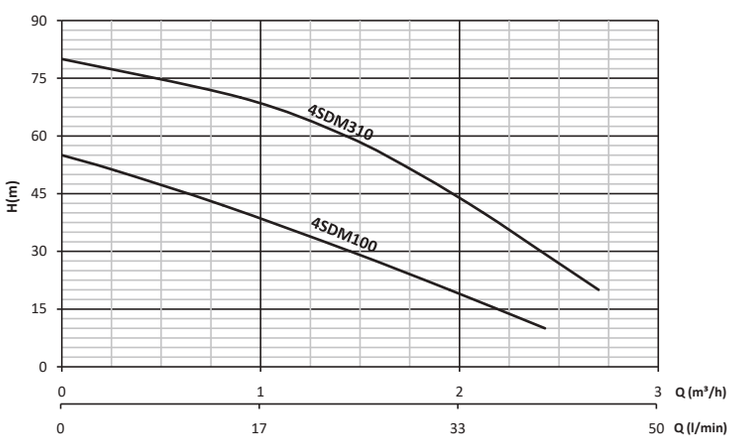
MATERIAL PROPERTIES

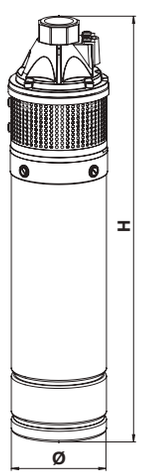
PUMP BODY	AISI 304 INOX
IMPELLER	BRONZE (4SDM100) – POLYCARBONATE (4SDM310)
SHAFT	AISI 304 INOX
FLOW RATE (max.)	3 m³/hour
TOTAL HEAD (max.)	80 m
LIQUID PUMPING TEMPERATURE	0-30 °C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	30 m
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	12 bar

TECHNICAL SPECIFICATIONS

Type	Panel	Battery	Invertor	Pump KW	H max	Q max	Output	KG
4SDM100 SLR	**Polikristal** 260 Watt 1660x990 mm 4x18.5 Kg	12 V 20 A **Jel Akü** 4x7 Kg	Input 24 V DC Output 220 V 1~ 1500 Watt 5 Kg	0.75	55 **mss**	2.5 m³/h	1"	13
	4 Pcs Panel	**4 Pcs Battery**	**1 Pcs Invertor**	**1 Pcs 4SDM100 SLR Pump**				

Type	Panel	Battery	Invertor	Pump KW	H max	Q max	**Çıkış**	KG
4SDM310 SLR	**Polikristal** 260 Watt 1660x990 mm 4x18.5 Kg	12 V 20 A **Jel Akü** 4x7 Kg	Input 24 V DC Output 220 V 1~ 1500 Watt 5 Kg	0.75	80 **mss**	3 m³/h	1¼	16
	4 Pcs Panel	**4 Pcs Battery**	**1 Pcs Invertor**	**1 Pcs 4SDM310 SLR Pump**				





4” SUBMERSIBLE PUMP MOTORS

4SM10



DEFINITION

4” deep well submersible pump motors.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

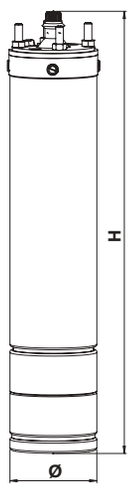
These type of motors types are oil cooling and rewindable. When coupled to the submersible pump, stream, well, drilling well and supply of clean water and also used for supplying pressurized water in fountain pond systems.

MATERIAL PROPERTIES

PUMP BODY	AISI 304 INOX
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
SEAL	Ceramic / Carbon

TECHNICAL SPECIFICATIONS

MOTOR													
TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Ø mm	H mm	KG
4SM10 - 4SMT10	0.75	1	220	380	50	5.4	2.4	2900	25	450	95	430	9.5
4SM15 - 4SMT15	1.1	1.5	220	380	50	8.3	3.3	2900	35	450	95	430	11.5
4SM20 - 4SMT20	1.5	2	220	380	50	10.5	4.5	2900	45	450	95	460	12
4SMT30	2	3	-	380	50	-	5.8	2900	-	-	95	540	15



4SD312

2mm Pump Body



DEFINITION

4" deep well submersible pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

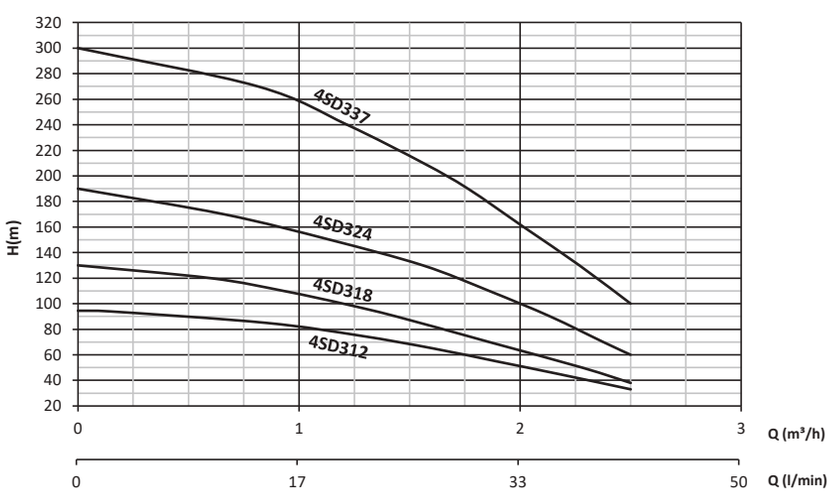
These type of pumps are using at well and drilling well supply of clean water and also used for supplying pressurized water in fountain pool systems, car washers and gas stations.

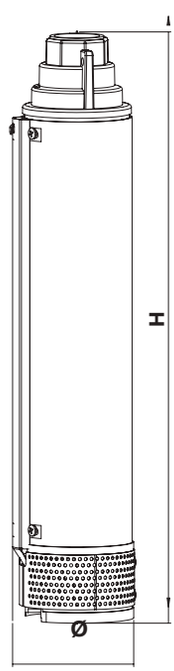
MATERIAL PROPERTIES

PUMP BODY	AISI 304 INOX
IMPELLER	POLYCARBONATE
SHAFT	AISI 304 INOX
FLOW RATE (max.)	3 m^3/hour
TOTAL HEAD (max.)	300 m
LIQUID PUMPING TEMPERATURE	0-30°C
PUMP DURABILITY PRESSURE (Pmax)	30 bar

TECHNICAL SPECIFICATIONS

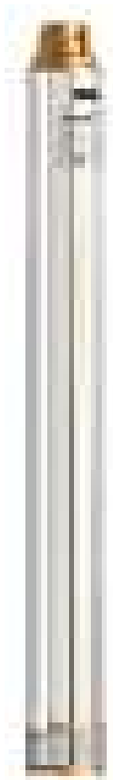
MOTOR			PUMP										
TYPE	KW	HP	NUMBER OF STAGE	OUTPUT	Ø mm	H mm	KG	m^3/h	0.5	1	1.5	2	2.5
4SD312	0.75	1	12	1 1/4	95	450	5	mss	85	80	70	50	25
4SD318	1.1	1.5	18	1 1/4	95	580	6		120	110	90	65	40
4SD324	1.5	2	24	1 1/4	95	742	7.5		175	145	130	100	60
4SD337	2	3	37	1 1/4	95	1030	10.5		280	260	210	160	100





4SD608

2mm Pump Body



DEFINITION

4" deep well submersible pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

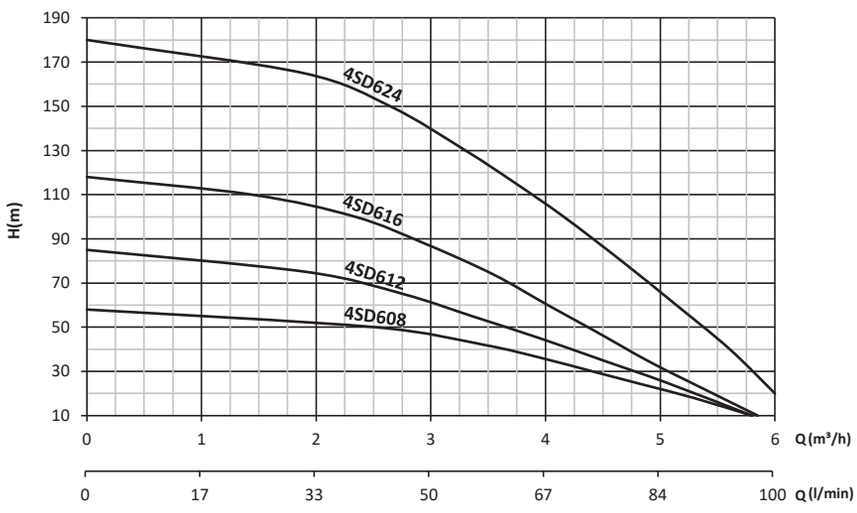
These type of pumps are using at well and drilling well supply of clean water and also used for supplying pressurized water in fountain pool systems, car washers and gas stations.

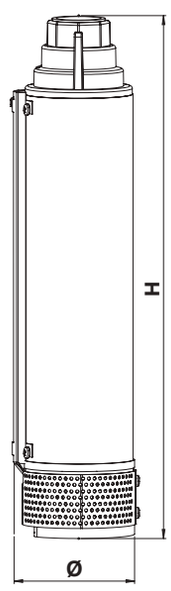
MATERIAL PROPERTIES

PUMP BODY	AISI 304 INOX
IMPELLER	POLYCARBONATE
SHAFT	AISI 304 INOX
FLOW RATE (max.)	6 m³/hour
TOTAL HEAD (max.)	180 m
LIQUID PUMPING TEMPERATURE	0-30°C
PUMP DURABILITY PRESSURE (Pmax)	20 bar

TECHNICAL SPECIFICATIONS

MOTOR			PUMP										
TYPE	KW	HP	NUMBER OF STAGE	OUTPUT	Ø mm	H mm	KG	m³/h	1	2	3	4	5
4SD608	0.75	1	8	1 1/4	95	407	4.5	mss	55	51	47	33	15
4SD612	1.1	1.5	12	1 1/4	95	522	5		80	75	60	45	18
4SD616	1.5	2	16	1 1/4	95	637	6.5		115	105	85	60	31
4SD624	2	3	24	1 1/4	95	897	8.5		172	165	140	105	65





4SD1206

2mm Pump Body



DEFINITION

4" deep well submersible pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

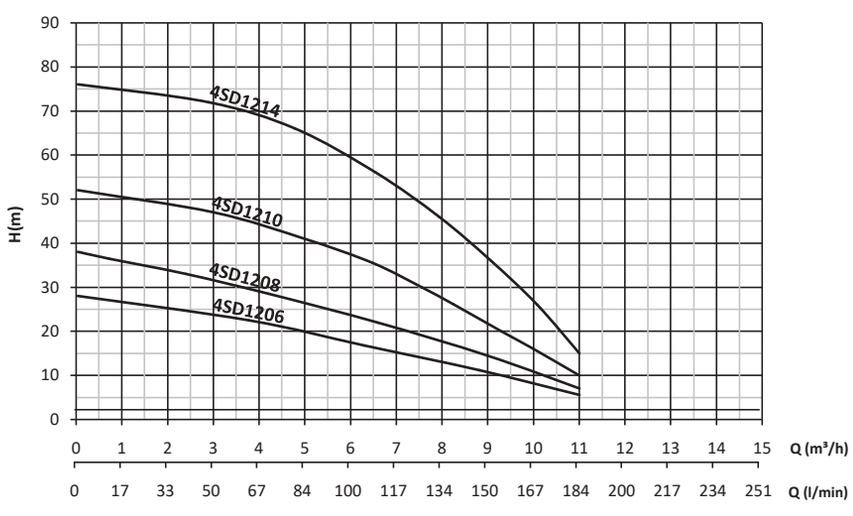
These type of pumps are using at well and drilling well supply of clean water and also used for supplying pressurized water in fountain pool systems, car washers and gas stations.

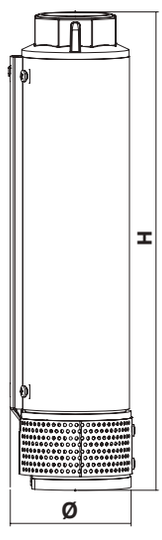
MATERIAL PROPERTIES

PUMP BODY	AISI 304 INOX
IMPELLER	POLYCARBONATE
SHAFT	AISI 304 INOX
FLOW RATE (max.)	11.5 m³/hour
TOTAL HEAD (max.)	76 m
LIQUID PUMPING TEMPERATURE	0-30°C
PUMP DURABILITY PRESSURE (Pmax)	10 bar

TECHNICAL SPECIFICATIONS

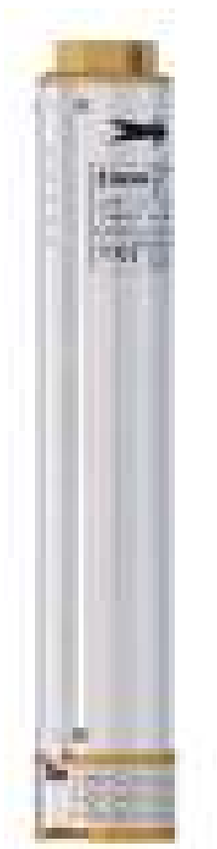
MOTOR			PUMP													
TYPE	KW	HP	NUMBER OF STAGE	OUTPUT	Ø mm	H mm	KG	m³/h	1	2	3	4	5	7	9	11
4SD1206	0.75	1	6	2"	95	316	4	mss	32	30	28	25	23	18	13	-
4SD1208	1.1	1.5	8	2"	95	425	4.5		42	40	38	35	32	25	17	10
4SD1210	1.5	2	10	2"	95	485	5		51	48	46	44	41	33	22	11
4SD1214	2	3	14	2"	95	605	6		74	72	70	68	65	53	36	15





4SD1805

2mm Pump Body



DEFINITION

4" deep well submersible pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

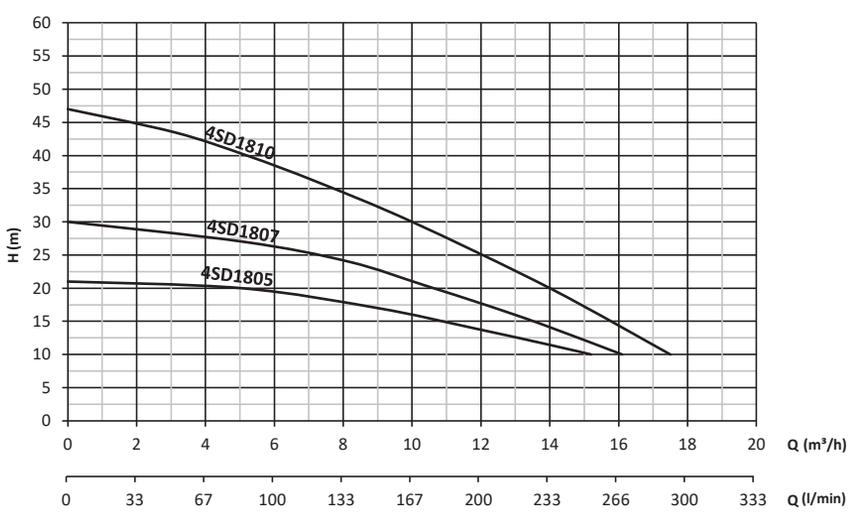
These type of pumps are using at well and drilling well supply of clean water and also used for supplying pressurized water in fountain pool systems, car washers and gas stations.

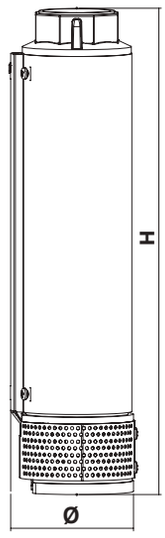
MATERIAL PROPERTIES

PUMP BODY	AISI 304 INOX
IMPELLER	POLYCARBONATE
SHAFT	AISI 304 INOX
FLOW RATE (max.)	18 m³/hour
TOTAL HEAD (max.)	47 m
LIQUID PUMPING TEMPERATURE	0-30°C
PUMP DURABILITY PRESSURE (Pmax)	8 bar

TECHNICAL SPECIFICATIONS

MOTOR			PUMP													
TYPE	KW	HP	NUMBER OF STAGE	OUTPUT	Ø mm	H mm	KG	m³/h	2	4	6	8	10	12	14	16
4SD1805	1.1	1.5	5	2"	95	430	4.5	mss	22	21	20	19	17	15	13	10
4SD1807	1.5	2	7	2"	95	530	5		32	31	29	27	24	20	16	12
4SD1810	2	3	10	2"	95	680	6.5		45	42	36	34	30	25	20	15





ELECTROMAGNETIC SUBMERSIBLE PUMPS

SD1



SD2



DEFINITION

Submersible pumps which electromagnetic vibration, practically and economic usage.
It is manufactured at frequencies of 50 Hz.

USAGE AREAS

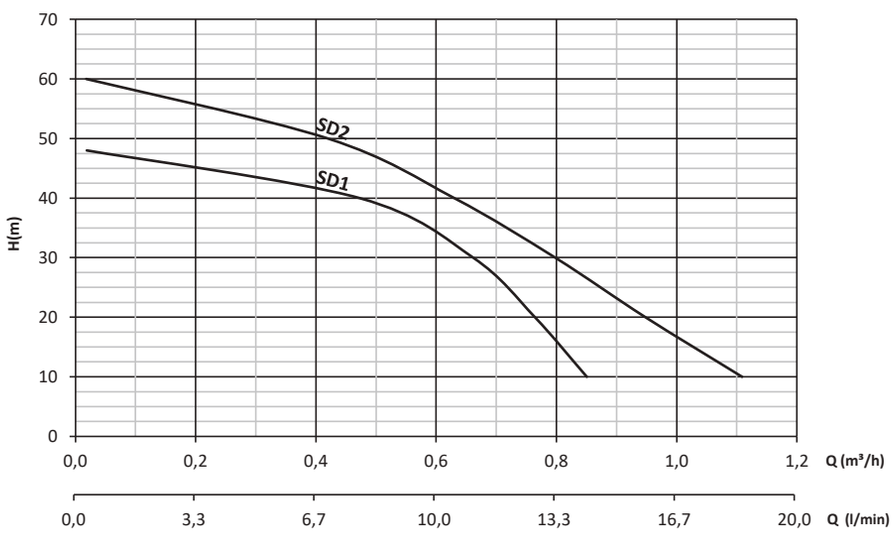
These type of pumps preferred at clean water needs well, drilling, amateur garden watering which up to a maximum height of 60 m because of economic, it is preferred because practical and no need to maintenance.

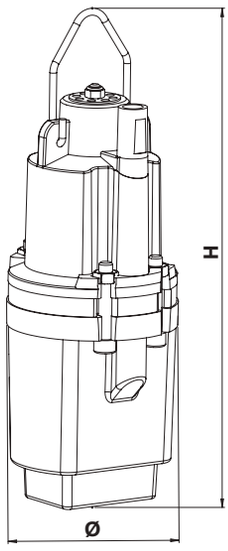
MATERIAL PROPERTIES

PUMP BODY	ALUMINIUM
SHAFT	AISI 420
FLOW RATE (max.)	1.1 m³/hour
TOTAL HEAD (max.)	60 m
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	10 m - 20 m - 30 m - 40 m
PUMP DURABILITY PRESSURE (Pmax)	6 bar

TECHNICAL SPECIFICATIONS

MOTOR					PUMP														
TYPE	W	V	Hz	A	OUTPUT	Ø mm	H mm	KG	Hm	60	55	50	45	40	35	30	25	20	15	10
SD1	250	220	50	3	1/2	97	290	4.5	lt/h	-	-	-	300	520	600	650	690	720	790	850
SD2	250	220	50	3.2	1/2	97	270	4.5	lt/h	-	300	450	550	600	650	700	750	850	1000	1100





ELECTROMAGNETIC SUBMERSIBLE PUMPS

SD3 -SD4



SDF3-SDF4



DEFINITION

Submersible pumps which electromagnetic vibration, practically and economic usage.
It is manufactured at frequencies of 50 Hz.

USAGE AREAS

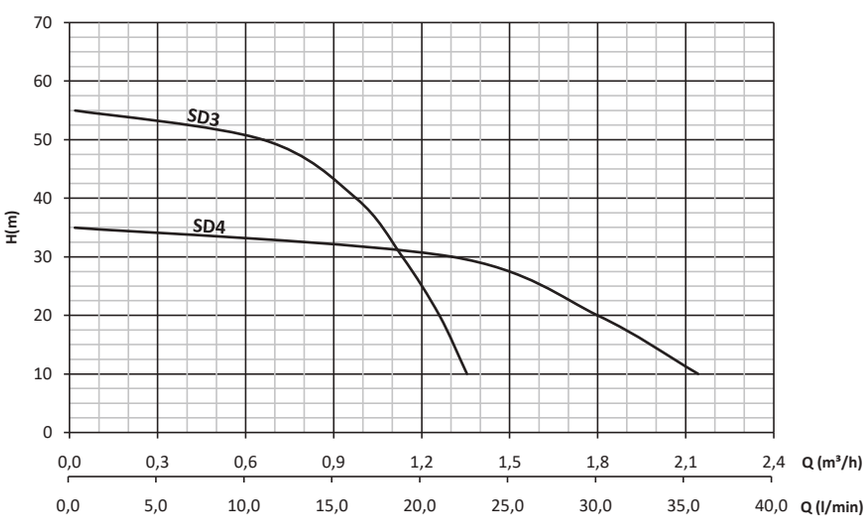
These type of pumps preferred at clean water needs well, drilling, amateur garden watering which up to a maximum height of 55 m because of economic, it is preferred because practical and no need to maintenance.

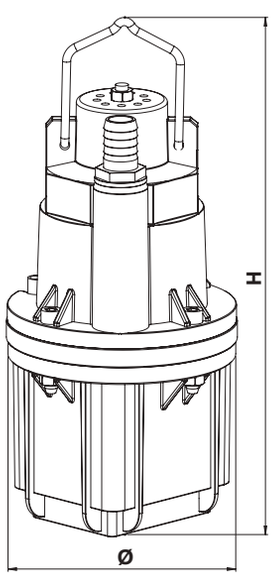
MATERIAL PROPERTIES

PUMP BODY	ALUMINIUM
SHAFT	AISI 420
FLOW RATE (max.)	2.2 m³/hour
TOTAL HEAD (max.)	55 m
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
INSULATION CLASS	F
CABLE LENGTH	10 m - 20 m - 30 m - 40 m
PUMP DURABILITY PRESSURE (Pmax)	6 bar

TECHNICAL SPECIFICATIONS

MOTOR					PUMP														
TYPE	W	V	Hz	A	OUTPUT	Ø mm	H mm	KG	Hm	60	55	50	45	40	35	30	25	20	15	10
SD3 - SDF3	700	220	50	3.5	3/4	142	310	7	lt/h	-	-	700	810	900	1000	1100	1150	1270	1300	1350
SD4 - SDF4	700	220	50	3.5	1”	142	310	7	lt/h	-	-	-	-	-	1100	1400	1650	1850	1900	2200





BILGE SUBMERSIBLE PUMPS

DEFINITION

Bilge submersible pumps which are suitable for seawater, puddle water and clean water, and can be maintained 12V DC electrically operated because of easy to disassemble.

USAGE AREAS

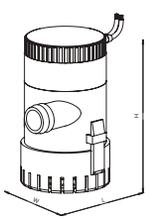
These type of pumps are suitable for maritime industry, boats, yachts and discharging of the water at engine room of fishing ships which up to a maximum height of 6m. And also with 12 V battery electricity energy intake from the car lighter, it is suitable for use in the drainage of water at camps, picnics, and when there is no electricity in the building, basement and closed car parks.





MANUAL MINI BILGE SUBMERSIBLE PUMP

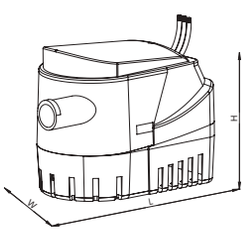
TYPE	Power W	Voltage	A	Rpm	Cable	H max mss	Q max litre/h	Output mm	H mm	Ø mm	KG
SKLD12 G	18	12 V DC	1.5	12.000	3 m	3	720	16	208	52	0.50





MANUAL BILGE SUBMERSIBLE PUMP

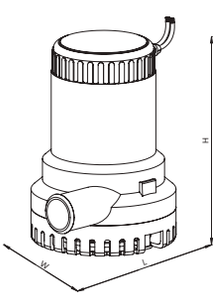
TYPE	Power W	Voltage	A	Cable	H max mss	Q max litre/h	Output mm	W mm	L mm	H mm	KG
STN500 G	25	12 V DC	2.2	1 m	3	1500	19	72	83	108	0.50
STN1100 G	36	12 V DC	3	1 m	4	2500	29	72	83	108	0.50





BILGE SUBMERSIBLE PUMP WITH AUTOMATIC FLOATER

TYPE	Power W	Voltage	A	Cable	H max mss	Q max litre/h	Output mm	W mm	L mm	H mm	KG
STNF750 G	36	12 V DC	3	1 m	4	1000	19	82	150	105	0.50





MANUAL BILGE SUBMERSIBLE PUMP

TYPE	Power W	Voltage	A	Cable	H max mss	Q max litre/h	Output mm	W mm	L mm	H mm	KG
STN2000 G	96	12 V DC	8	1 m	6	4500	29	108	138	154	1.50

WC DISCHARGING PUMP WITH GRINDER BLADE

SMAC 600



DEFINITION

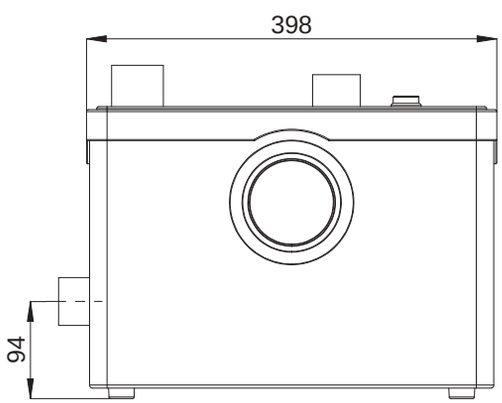
Very low sound pumps which work with 220V electric, grinder blade, non-smell, easy to install, increasing the comfort of life.t

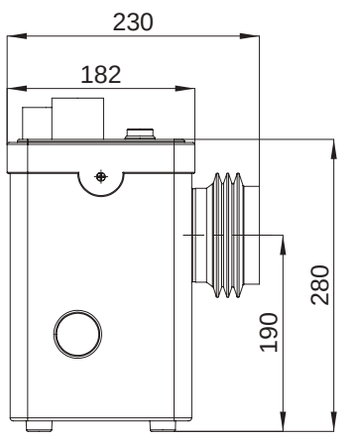
USAGE AREAS

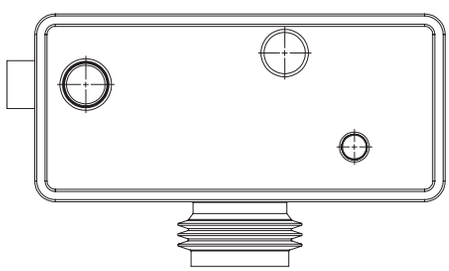
This type of pumps are able to discharge up to a maximum of 9m in height particles in the water. Because of the grinder and blade, it is suitable for discharging of the waste from kitchen, toilet and bathrooms which lower level than city sewage and septic well.

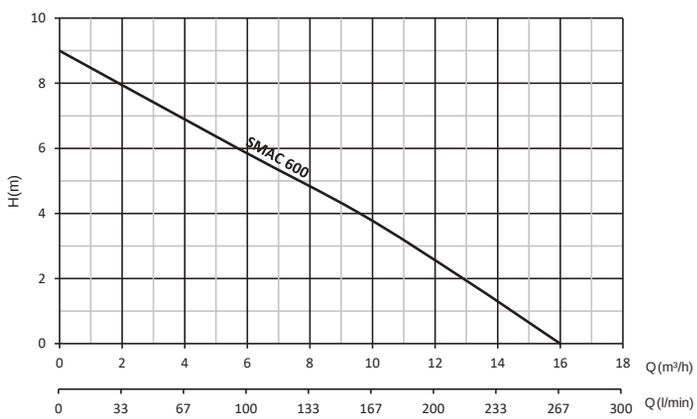
TECHNICAL SPECIFICATIONS

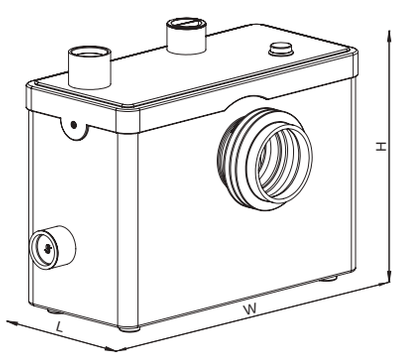
TYPE	Power W	Voltage	A	Cable	H max mss	Q max m³/h	Output mm	W mm	L mm	H mm	KG
SMAC 600	600	220 V	2.8	1 m	9	16	1"	425	230	325	9











SUMAK®

CENTRIFUGAL PUMPS











HOT WATER MINI BOOSTER

SM7-S H



DEFINITION

Peripheral hot water mini package booster.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type hot water mini boosters are suitable pumps for pressurizing buildings maximum 2 flats and 1 floor, 0-80 ° C hot water produced in solar energy systems.

MATERIAL PROPERTIES

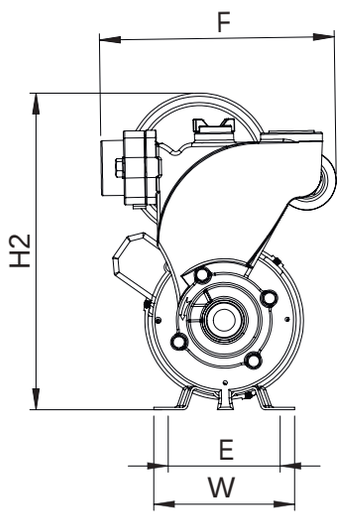
PUMP BODY	GG25 CAST IRON
IMPELLER	BRONZE
SHAFT	AISI 304 INOX
FLOW RATE (max.)	2 m³/hour
TOTAL HEAD (max.)	32 m
LIQUID PUMPING TEMPERATURE	0-80°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	5 bar

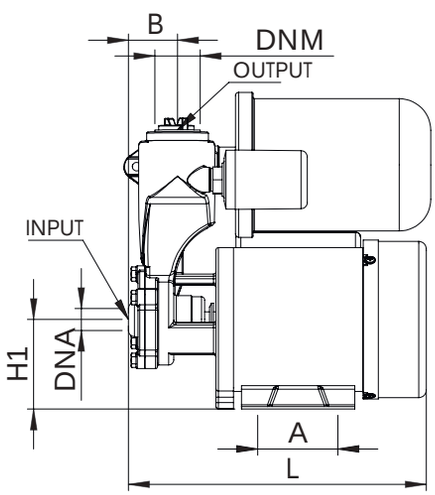
THERMAL PROTECTION IS AVAILABLE IN MONOPHASE MODELS AGAINST OVERLOADS.

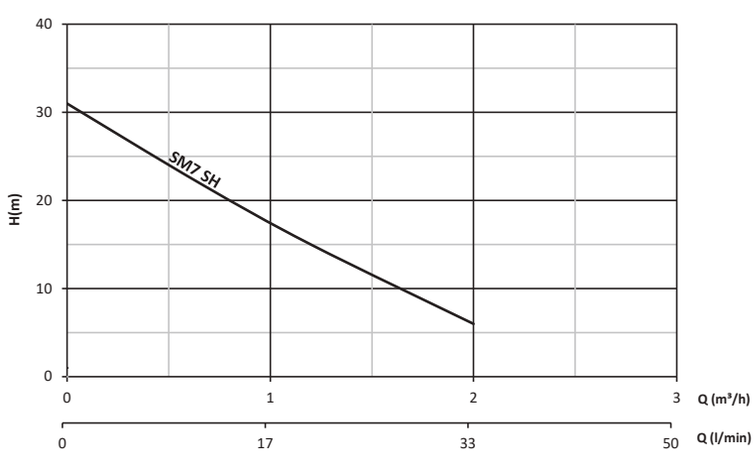
TECHNICAL SPECIFICATIONS

	MOTOR										PUMP								
	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	Input Output	KG	m³/h	0.3	0.6	0.9	1.2	2
*	SM7-S H	0.37	0.5	220	-	50	1.7	-	2900	8	450	-	1"	8	mss	26	21	18	14	7

DIMENSIONS										
Type	A	B	L	W	E	F	H1	H2	DNA	DNM
SM7- S H	64	39	237	112	89	187	71	252	G 1"	G 1"







SM5

Bronze Impeller
Bronze
Housing



DEFINITION

Peripheral is high pressure pump.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps which suction from 6m, can discharge minimum 40 m and maximum discharge up to 98 m. It can be used for high temperature areas (ironing machine, steam boilers), small garden, villas, water supply to far away area because of the pump impeller and surface is bronze.

MATERIAL PROPERTIES

PUMP BODY	GG25 CAST IRON
IMPELLER	BRONZE
SHAFT	AISI 304 INOX
FLOW RATE (max.)	2.6 m³/hour
TOTAL HEAD (max.)	98 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	10 bar

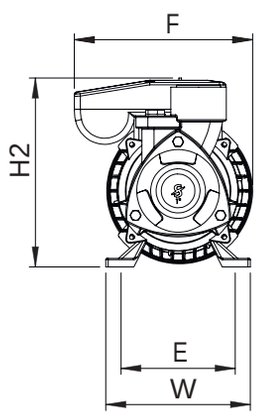
THERMAL PROTECTION IS AVAILABLE IN MONOPHASE MODELS AGAINST OVERLOADS.

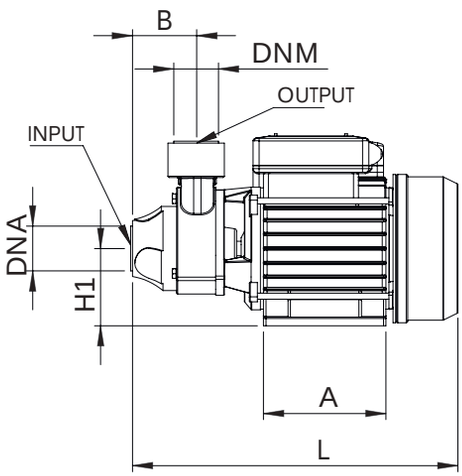
SM15



TECHNICAL SPECIFICATIONS

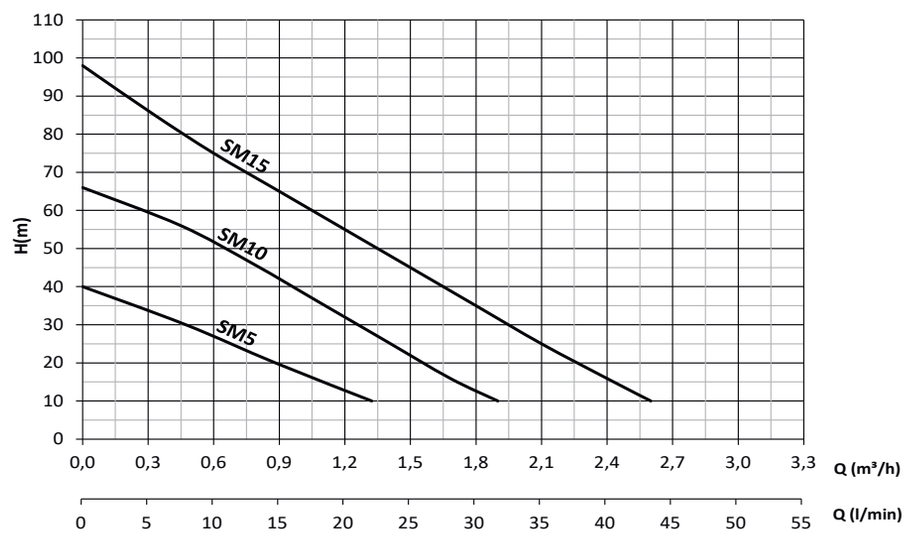
	MOTOR										PUMP							
	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	Input Output	KG	m³/h	0.3	0.6	0.9	1.2	2.4
*	SM5 SMT5	0.37	0.5	220	380	50	2.4	1.4	2900	10	450	6	1"	6	mss	33	28	20	13	-
*	SM10 SMT10	0.75	1	220	380	50	5.4	2.4	2900	20	450	6	1"	10		65	62	53	43	-
*	SM15 SMT15	1.1	1.5	220	380	50	6	2.5	2900	25	450	6	1"	13		92	80	70	60	22





DIMENSIONS										
Type	A	B	L	W	E	F	H1	H2	DNA	DNM
SM5 SMT5	100	53	266	120	95	148	63	157	G 1"	G 1"
SM10 SMT10	118	61	295	159	121	179	80	195	G 1"	G 1"
SM15 SMT15	118	57	294	159	121	179	80	195	G 1"	G 1"

*Optionally it can be produced for 90°C hot water applications.



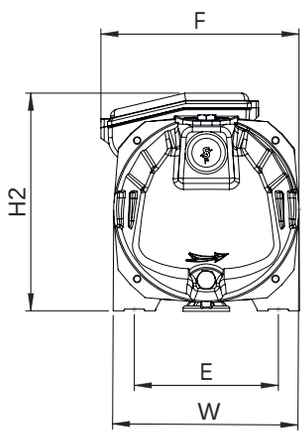
SELF PRIMING JET PUMPS

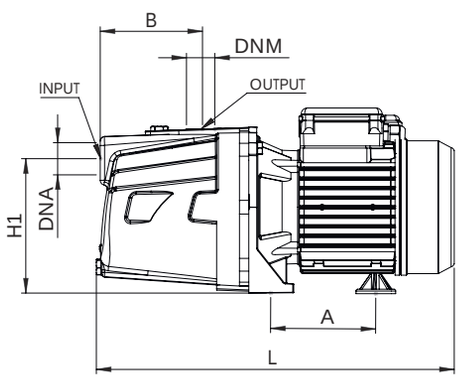
SMJ85 - SMJK100



SMJ100







DEFINITION

Self priming, silent working jet pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps which suction from 7-9m, can discharge maximum discharge up to 52 m. It can be used for small garden, buildings up to 4 floors and villas because of the technologic design, silent and no required maintance.

MATERIAL PROPERTIES

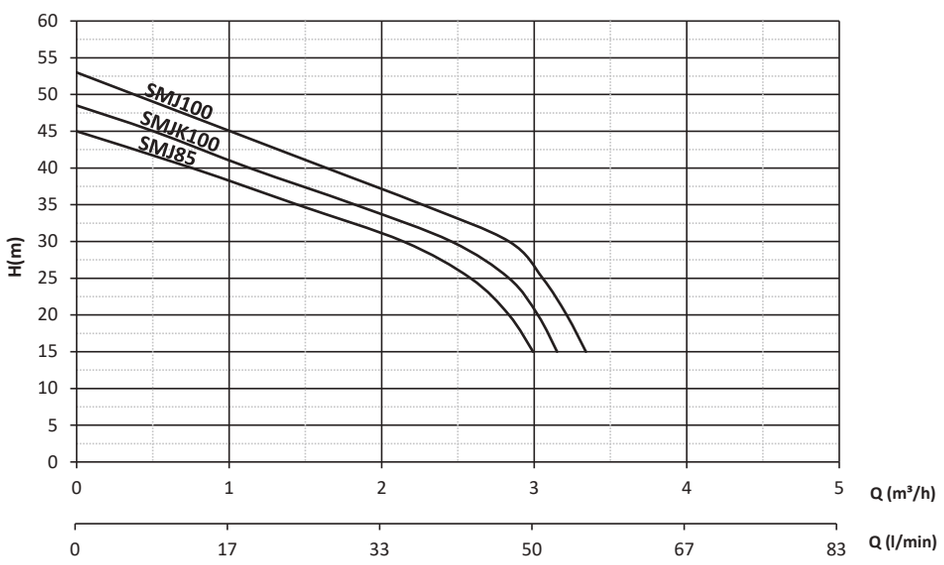
PUMP BODY	GG25 CAST IRON
IMPELLER	NORYL
SHAFT	AISI 304 INOX
FLOW RATE (max.)	3.5 m³/hour
TOTAL HEAD (max.)	52 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	8 bar

THERMAL PROTECTION IS AVAILABLE IN MONOPHASE MODELS AGAINST OVERLOADS.

TECHNICAL SPECIFICATIONS

	MOTOR										PUMP						
	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	Input Output	KG	m³/h	0.5	1	2	3
*	SMJ85 SMJT85	0.65	0.85	220	380	50	4.6	1.7	2900	20	450	7	1"	12.5	mss	42	36	31	15
*	SMJK100 SMJKT100	0.75	1	220	380	50	4.7	2.2	2900	20	450	7	1"	12.5		45	41	34	22
*	SMJ100 SMJT100	0.75	1	220	380	50	5.2	2.2	2900	20	450	9	1"	15		48	45	37	27

DIMENSIONS										
Type	A	B	L	W	E	F	H1	H2	DNA	DNM
SMJ85 SMJT85	120	90	368	180	140	192	153	211	G 1"	G 1"
SMJK100 SMJKT100	120	90	368	180	140	192	153	211	G 1"	G 1"
SMJ100 SMJT100	120	116	407	180	140	192	153	211	G 1"	G 1"



STAINLESS STEEL SELF PRIMING JET PUMPS

SMINOX100J



DEFINITION

Self priming, silent working stainless body jet pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps used in treatment systems, food industries, hospital and hygienic areas, garden and working with silent which maximum discharge up to 58 m.

MATERIAL PROPERTIES

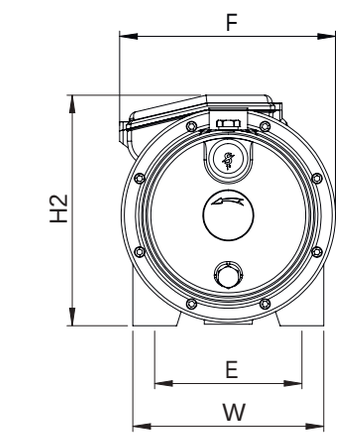
PUMP BODY	AISI 304 INOX
IMPELLER	NORYL
SHAFT	AISI 304 INOX
FLOW RATE (max.)	3.5 m³/hour
TOTAL HEAD (max.)	58 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	8 bar

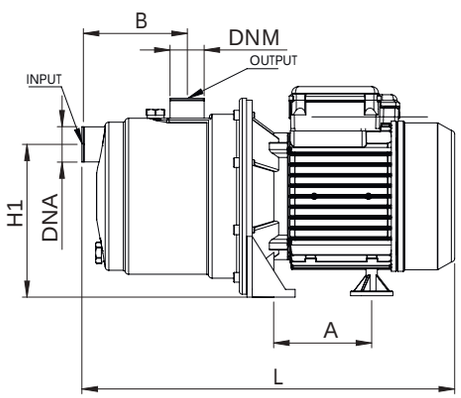
TECHNICAL SPECIFICATIONS

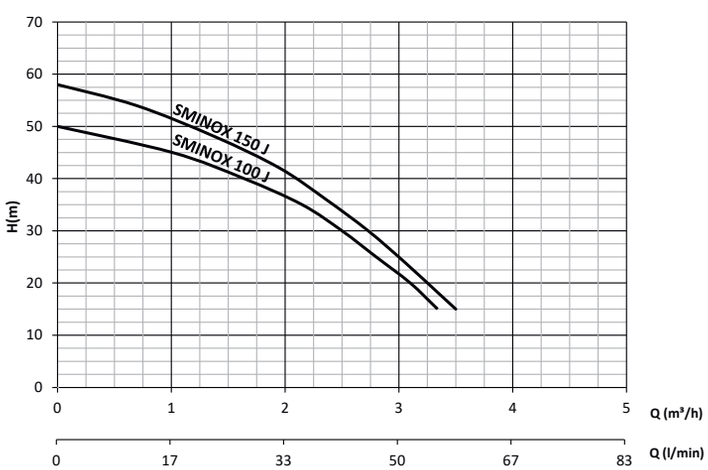
	MOTOR										PUMP								
	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	Input Output	KG	m³/h	1	1.5	2	2.5	3
*	SMINOX100J SMINOX100J-T	0.75	1	220	380	50	5.2	2.2	2900	25	450	9	1"	11	mss	45	41	38	32	25
*	SMINOX150J SMINOX150J-T	1.1	1.5	220	380	50	5.7	2.6	2900	25	450	9	1"	11.5		52	48	41	38	25

DIMENSIONS										
Type	A	B	L	W	E	F	H1	H2	DNA	DNM
SMINOX100J SMINOX150J	104	72	330	179	138	203	104	216	G 1"	G 1"

*Optionally, it can be produce with AISI 316 stainless steel.







SMJ150



SMJ220



DEFINITION

Self priming, silent working jet pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps are which suction from 9m and can discharge maximum discharge up to 74 m, used in supply to clean water booster up to 10 floors-20 flat in buildings.

MATERIAL PROPERTIES

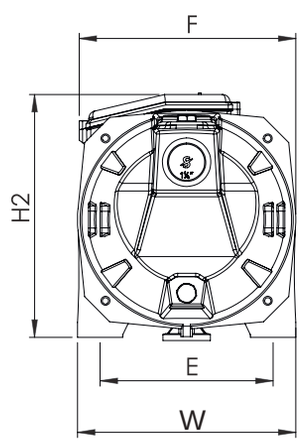
PUMP BODY	GG25 CAST IRON
IMPELLER	NORYL
SHAFT	AISI 304 INOX
FLOW RATE (max.)	6 m³/hour
TOTAL HEAD (max.)	74 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	10 bar

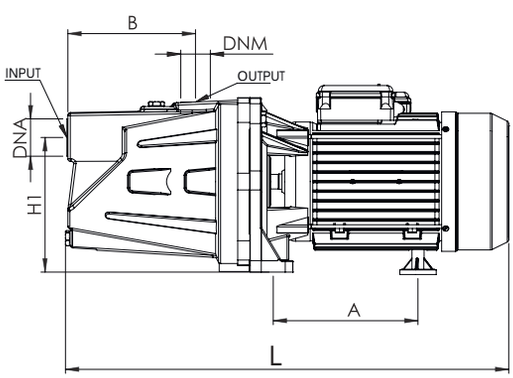
THERMAL PROTECTION IS AVAILABLE IN MONOPHASE MODELS AGAINST OVERLOADS.

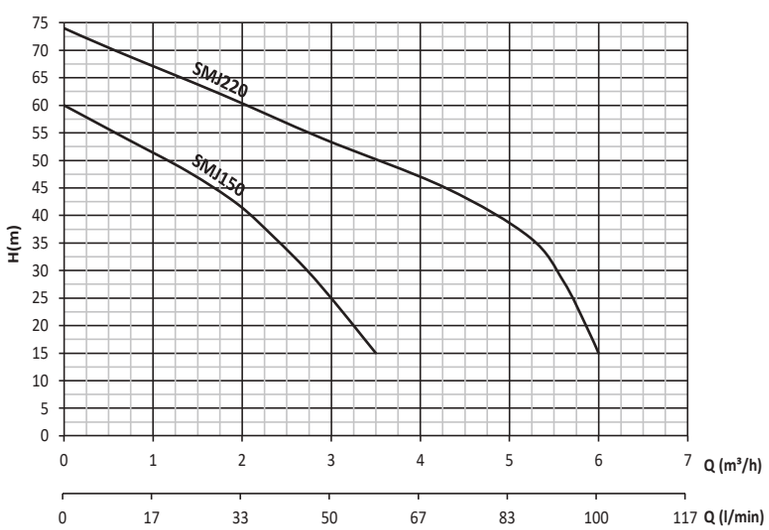
TECHNICAL SPECIFICATIONS

	MOTOR											PUMP						
	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	Input Output	KG	m³/h	1	2	3	4	5
*	SMJ150 SMJT150	1.1	1.5	220	380	50	5.8	2.6	2900	25	450	9	1"	15	mss	51	42	25	5	-
*	SMJ220 SMJT220	1.6	2.2	220	380	50	8.8	3.5	2900	45	450	9	1¼ 1"	30.5	mss	67	60	53	47	38

DIMENSIONS										
Type	A	B	L	W	E	F	H1	H2	DNA	DNM
SMJ150 SMJT150	120	116	407	180	140	192	153	211	G 1"	G 1"
SMJ220 SMJT220	179	156	548	207	164	206	166	230	G 1¼	G 1"







SILENT JET PUMPS WITH CAST IRON BODY

SMJK150/4



DEFINITION

Cast iron body, multistage pumps which suitable for silent working.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps are suitable used in booster sets, irrigation, constructions, supply of clean water, gas stations, and suitable for silent working in villas, in buildings up to 5 floors and 12 flats which booster maximum discharge up to 54 m.

MATERIAL PROPERTIES

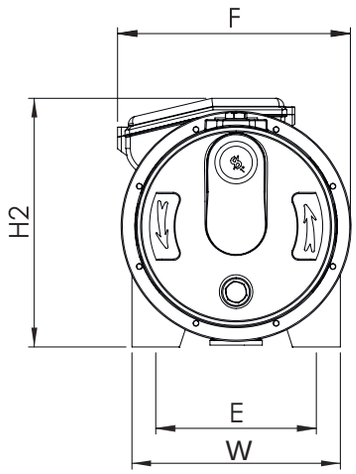
PUMP BODY	GG25 CAST IRON
IMPELLER	NORYL
SHAFT	AISI 304 INOX
FLOW RATE (max.)	6 m³/hour
TOTAL HEAD (max.)	54 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	8 bar

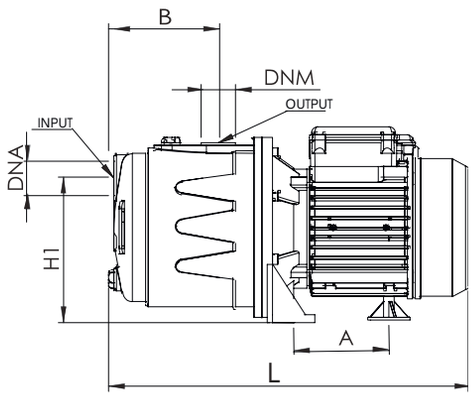
THERMAL PROTECTION IS AVAILABLE IN MONOPHASE MODELS AGAINST OVERLOADS.

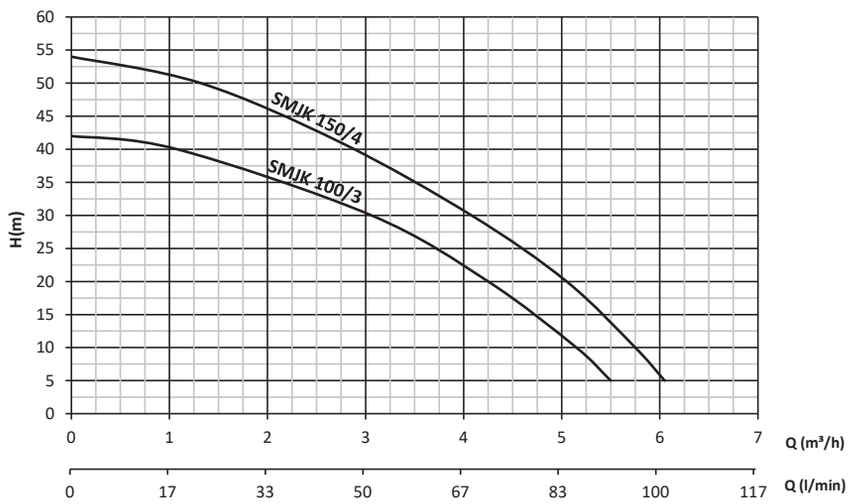
TECHNICAL SPECIFICATIONS

	MOTOR											PUMP						
	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	Input Output	KG	m³/h	1	2	3	4	5
*	SMJK100/3 SMJKT100/3	0.75	1	220	380	50	4.8	2.3	2900	20	450	6	1"	16	mss	40	35	30	23	12
*	SMJK150/4 SMJKT150/4	1.1	1.5	220	380	50	6	2.9	2900	25	450	6	1"	17	mss	51	46	38	30	20

DIMENSIONS										
Type	A	B	L	W	E	F	H1	H2	DNA	DNM
SMJK100/3 SMJKT100/3	104	114	398	179	138	200	159	215	G 1"	G 1"
SMJK150/4 SMJKT150/4	104	114	398	179	138	200	159	215	G 1"	G 1"







DSM220/2



DEFINITION

Single stage, open impeller and self priming pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of self priming pumps used in irrigation, dirty water not included solid particle and fibrous materials, discharge of construction puddle in pits, needed high flow water in marine industry which suction from 6m and can discharge maximum up to 24 m.

MATERIAL PROPERTIES

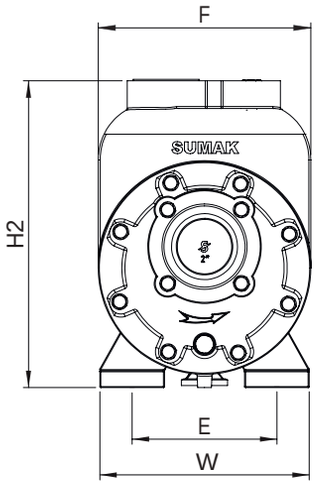
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 304 INOX
FLOW RATE (max.)	35 m³/hour
TOTAL HEAD (max.)	24 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	6 bar

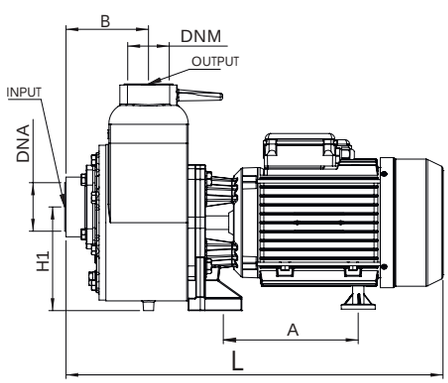
TECHNICAL SPECIFICATIONS

	MOTOR										PUMP							
	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	d/d	CAPACITOR uf	CAPACITOR Vc	Suction m	Input Output	KG	m³/h	6	12	18	24
*	DSM220/2 DSMT220/2	1.6	2.2	220	380	50	11.3	4.7	2900	45	450	6	2''	33.5	mss	19	18	15	11
*	DSM300/2 DSMT300/2	2.2	3	220	380	50	14.8	4.9	2900	50	450	6	2''	34.5		23	21	18	13

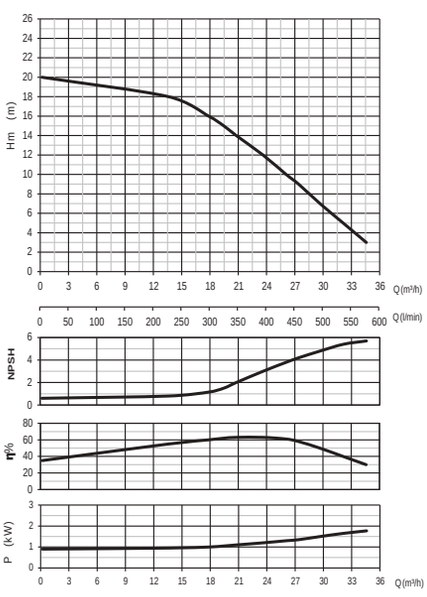
DIMENSIONS										
Type	A	B	L	W	E	F	H1	H2	DNA	DNM
DSM220/2 DSMT300/2	179	110	500	204	141	200	137	300	G 2"	G 2"

* Optionally, it can be produced with bronze impeller.

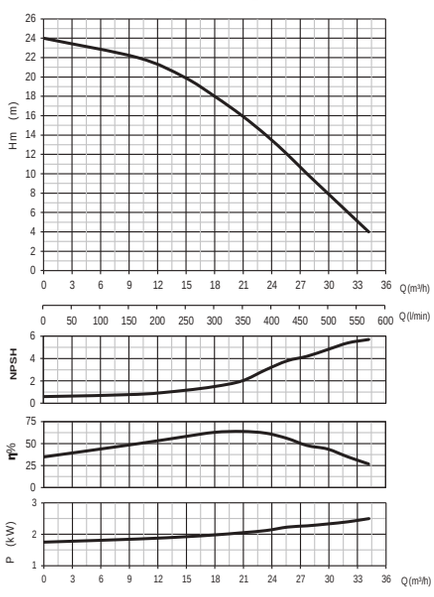




DSM 220/2



DSMT 300/2



New Product

DSMT550/3



DEFINITION

Single stage, open impeller and self priming pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of self priming pumps used in irrigation, dirty water not included solid particle and fibrous materials, discharge of construction puddle in pits, needed high flow water in marine industry which suction from 6m and can maximum discharge up to 32 m.

MATERIAL PROPERTIES

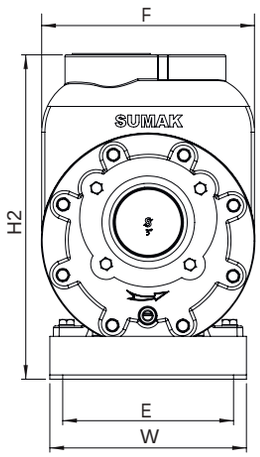
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 304 INOX
FLOW RATE (max.)	65 m³/hour
TOTAL HEAD (max.)	32 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	6 bar

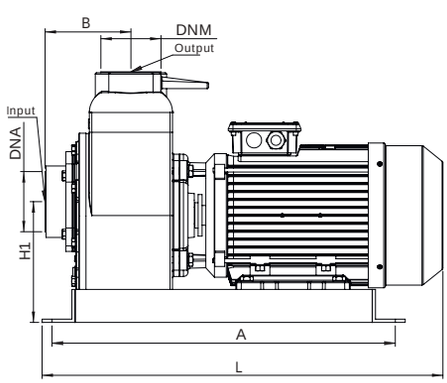
TECHNICAL SPECIFICATIONS

	MOTOR										PUMP								
	TYPE	KW	HP	V		Hz	A		rpm	CAPACITOR uf	Vc	Suction m	Input Output	KG	m³/h	25	35	45	55
*	DSMT550/3	4	5.5	-	380	50	-	9	2900	-	-	6	3"	63	mss	20	15	9	4
*	DSMT750/3	5.5	7.5	-	380	50	-	12	2900	-	-	6	3"	67		26	22	17	9

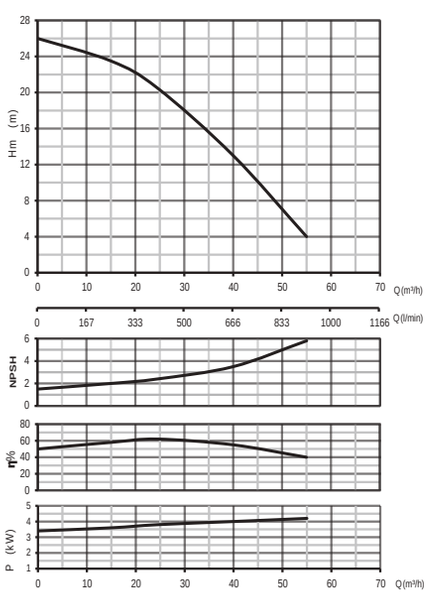
DIMENSIONS										
Type	A	B	L	W	E	F	H1	H2	DNA	DNM
DSMT550/3 DSMT750/3	520	130	607	229	199	248	183	215	G 3"	G 3"

* Optionally, it can be produced with bronze impeller.

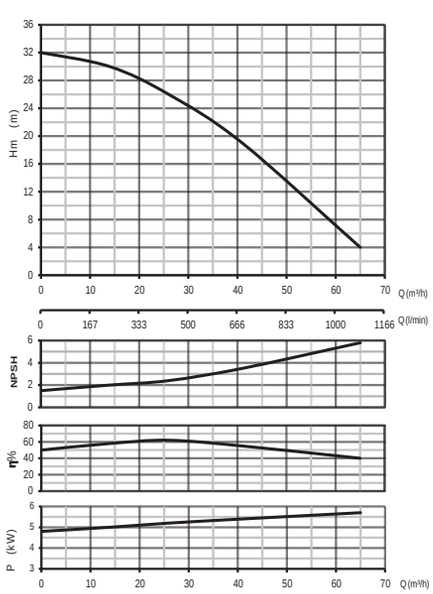




DSMT 550/3



DSMT 750/3



SM100A

Open Impeller





DEFINITION

Single stage, open impeller centrifugal pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps used in drip and flood irrigation, discharge puddles of few dirty water which maximum discharge up to 22 m.

MATERIAL PROPERTIES

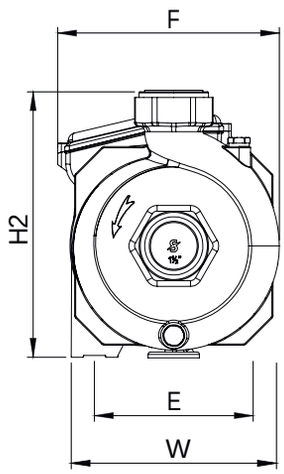
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 304 INOX
FLOW RATE (max.)	20 m³/hour
TOTAL HEAD (max.)	22 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	4 bar

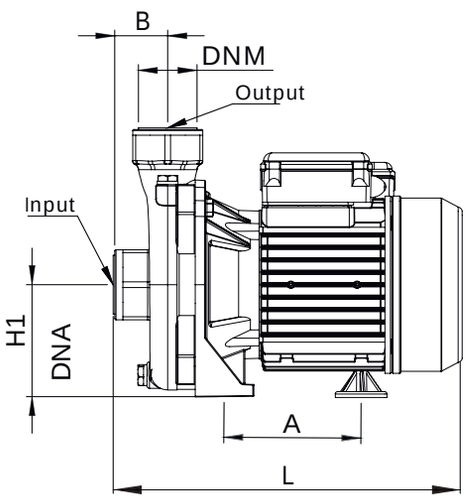
THERMAL PROTECTION IS AVAILABLE IN MONOPHASE MODELS AGAINST OVERLOADS.

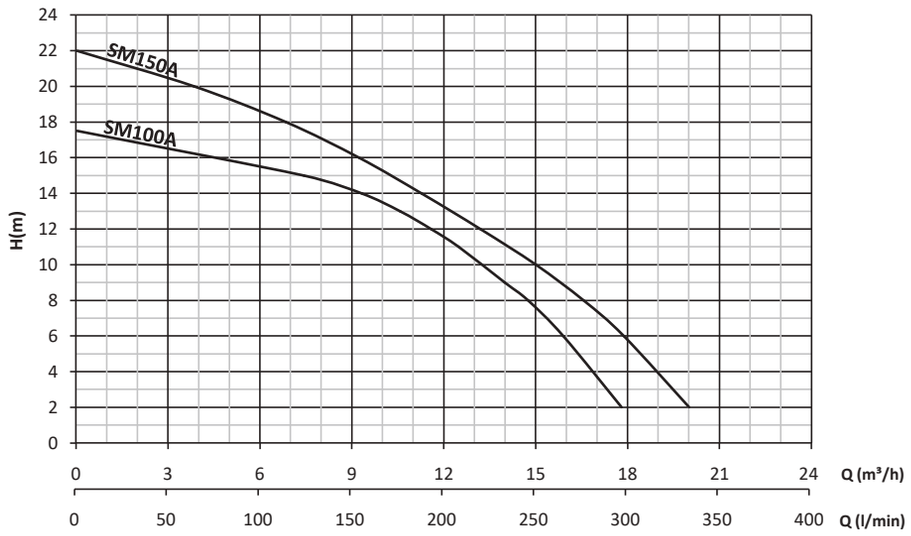
TECHNICAL SPECIFICATIONS

MOTOR											PUMP								
TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	Input Output	KG	m³/h	3	6	10	15	20
SM100A SMT100A	0.75	1	220	380	50	4.7	2.2	2900	20	450	-	1½	13	mss	16.5	15.5	13.5	7	-
SM150A SMT150A	1.1	1.5	220	380	50	5.8	2.8	2900	25	450	-	1½	14		20.5	19	15	70	2

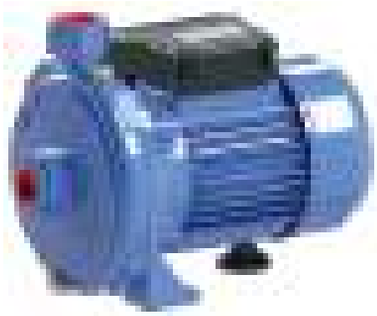
DIMENSIONS										
Type	A	B	L	W	E	F	H1	H2	DNA	DNM
SM100A SMT100A	120	46	303	180	140	195	98	233	G 1½	G 1½
SM150A SMT150A	120	46	303	180	140	195	98	233	G 1½	G 1½







SM100



SM220



DEFINITION

Single stage centrifugal pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps used in small type irrigation and supply of clean water for up to 4 floors and 8 flats in building as booster which suction from 6m and can maximum discharge up to 44 m.

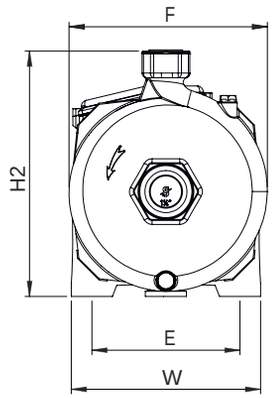
MATERIAL PROPERTIES

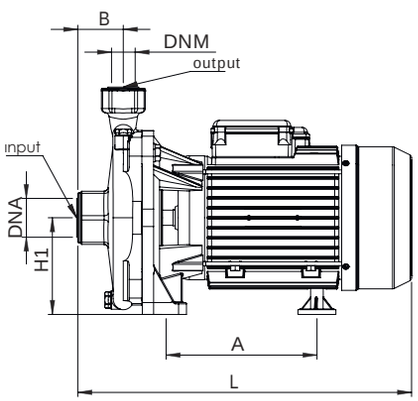
PUMP BODY	GG25 CAST IRON
IMPELLER	NORYL
SHAFT	AISI 304 INOX
FLOW RATE (max.)	11.5 m³/hour
TOTAL HEAD (max.)	44 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	6 bar

THERMAL PROTECTION IS AVAILABLE IN SM85 – SM100 MODELS AGAINST OVERLOADS.

TECHNICAL SPECIFICATIONS

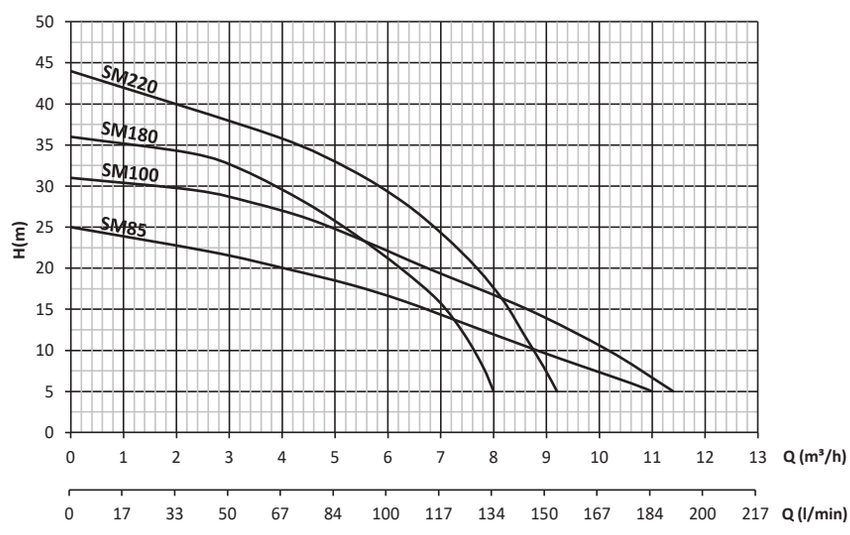
	MOTOR										PUMP								
	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	Input Output	KG	m³/h	2	4	6	8	10
*	SM85 SMT85	0.65	0.85	220	380	50	4.3	1.7	2900	20	450	6	1"	12	mss	23	20	16	13	7
*	SM100 SMT100	0.75	1	220	380	50	5.7	2.2	2900	25	450	6	1"	14		29	26	22	16	11
*	SM180 SMT180	1.35	1.8	220	380	50	8.5	3	2900	40	450	6	1¼ 1"	24		34	29	22	5	-
*	SM220 SMT220	1.6	2.2	220	380	50	10.8	3.6	2900	45	450	6	1¼ 1"	25.5		40	36	29	18	-





DIMENSIONS										
Type	A	B	L	W	E	F	H1	H2	DNA	DNM
SM85 SMT85	120	50	299	180	140	205	98	236	G 1"	G 1"
SM100 SMT100	120	50	299	180	140	205	98	236	G 1"	G 1"
SM180 SMT180	179	54	396	207	162	217	115	268	G 1¼	G 1"
SM220 SMT220	179	54	396	207	162	217	115	268	G 1¼	G 1¼

*Optionally, it can be used in hot water application up to 90°C and produced with stainless steel impeller.



SM150



SM220/1.5



DEFINITION

Single stage centrifugal pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps used in small type irrigation and supply of clean water for up to 4 floors and 16 flats in building as booster which suction from 6m and can maximum discharge up to 36 m.

MATERIAL PROPERTIES

PUMP BODY	GG25 CAST IRON
IMPELLER	NORYL (SM150) - GG25 CAST IRON (SM220/1.5)
SHAFT	AISI 304 INOX
FLOW RATE (max.)	12 m³/hour
TOTAL HEAD (max.)	36 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	6 bar

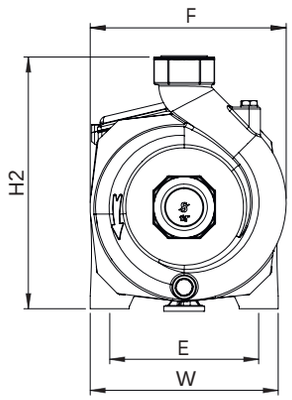
THERMAL PROTECTION IS AVAILABLE IN SM150 MODELS AGAINST OVERLOADS.

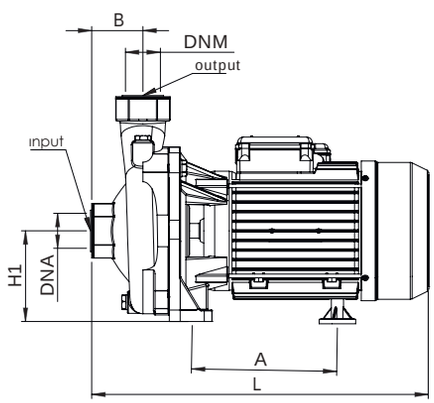
TECHNICAL SPECIFICATIONS

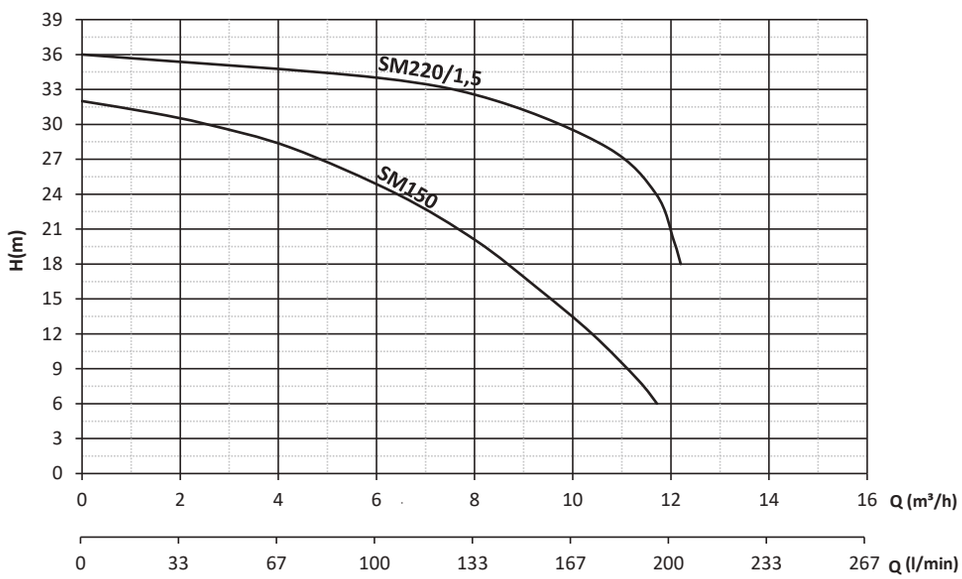
	MOTOR										PUMP							
	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	Input Output	KG	m³/h	2	4	6	9	12
*	SM150 SMT150	1.1	1.5	220	380	50	6.3	2.6	2900	25	450	6	1½	14.5	mss	30	28	25	16	5
*	SM220/1.5 SMT220/1.5	1.6	2.2	220	380	50	9.8	4.4	2900	45	450	6	1½	28		35	34	33	31	21

DIMENSIONS										
Type	A	B	L	W	E	F	H1	H2	DNA	DNM
SM150 SMT150	120	58	312	180	140	201	98	250	G 1½	G 1½
SM220/1.5 SMT220/1.5	179	63	415	207	164	216	112	277	G 1½	G 1½

*Optionally, it can be used in hot water application up to 90°C and produced with stainless steel impeller.





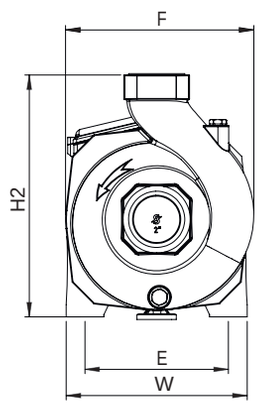


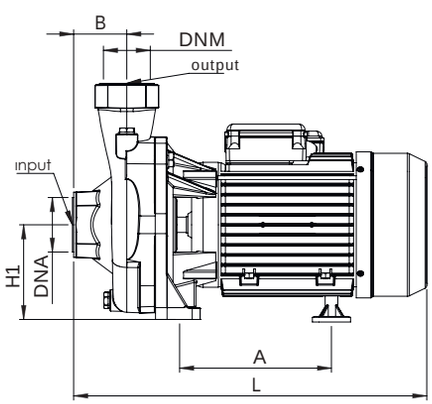
SM150/2



SM300/2







DEFINITION

Single stage centrifugal pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps used in drip and flood irrigation, discharge puddles of few dirty water which suction from 6m and can maximum discharge up to 32 m.

MATERIAL PROPERTIES

PUMP BODY	GG25 CAST IRON
IMPELLER	NORYL - GG25 CAST IRON (SM300/2)
SHAFT	AISI 304 INOX
FLOW RATE (max.)	34 m³/hour
TOTAL HEAD (max.)	32 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	6 bar

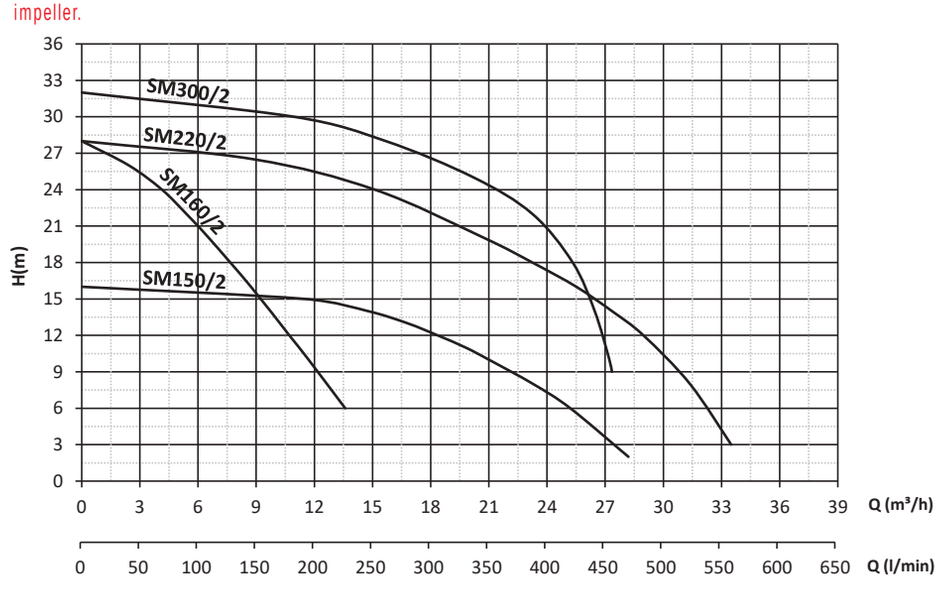
THERMAL PROTECTION IS AVAILABLE IN SM150/2 – SM160/2 MODELS AGAINST OVERLOADS.

TECHNICAL SPECIFICATIONS

	MOTOR										PUMP								
	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	Input Output	KG	m³/h	6	12	18	24	32
	SM150/2 SMT150/2	1.1	1.5	220	380	50	6.3	2.6	2900	25	450	6	2"	15.5	mss	15.5	15	12	7	-
*	SM160/2 SMT160/2	1.1	1.5	220	380	50	6.3	2.6	2900	25	450	6	2"	14.5		21	9	-	-	-
	SM220/2 SMT220/2	1.6	2.2	220	380	50	4.4	4.4	2900	45	450	6	2"	27.5		27	25	22	18	7
*	SM300/2 SMT300/2	2.2	3	220	380	50	13.7	4.9	2900	50	450	6	2"	29		31	29	26	21	-

DIMENSIONS										
Type	A	B	L	W	E	F	H1	H2	DNA	DNM
SM150/2 SMT150/2	120	60	324	180	140	201	98	246	G 2"	G 2"
SM160/2 SMT160/2	120	60	324	180	140	201	98	246	G 2"	G 2"
SM220/2 SMT220/2	179	63	416	207	164	216	112	277	G 2"	G 2"
SM300/2 SMT300/2	179	63	416	207	164	216	112	277	G 2"	G 2"

*Optionally, it can be used in hot water application up to 90°C and produced with stainless steel impeller.



SMT300/3



DEFINITION

Single stage centrifugal pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps used in drip and flood irrigation, discharge puddles of few dirty water which suction from 6m and can maximum discharge up to 18 m.

MATERIAL PROPERTIES

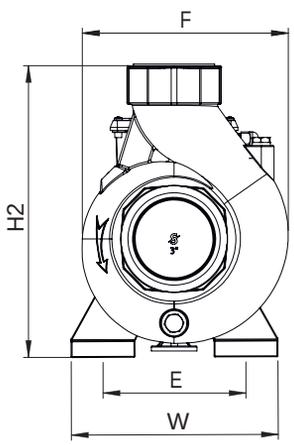
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 304 INOX
FLOW RATE (max.)	58 m³/hour
TOTAL HEAD (max.)	18 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	4 bar

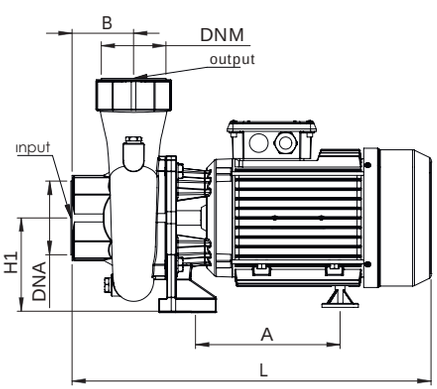
TECHNICAL SPECIFICATIONS

	MOTOR											PUMP						
	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	Input Output	KG	m³/h	10	25	35	45	60
*	SM220/3 SMT220/3	1.6	2.2	220	380	50	8.8	4.6	2900	45	450	6	3" 2 1/2	28.5	mss	13.5	12	10	6	-
*	SM300/3 SMT300/3	2.2	3	220	380	50	12	4.8	2900	50	450	6	3" 2 1/2	30		15	14	11	8	-
*	SMT400/3	3	4	-	380	50	-	7	2900	-	-	6	3"	33.5		17	16	14	11	-

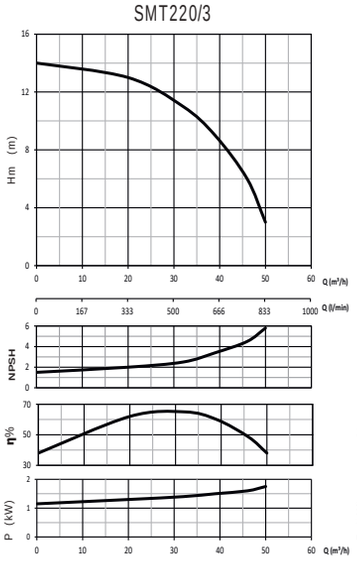
DIMENSIONS										
Type	A	B	L	W	E	F	H1	H2	DNA	DNM
SM220/3 SMT220/3	179	76	444	204	141	203	116	288	G 3"	G 2 1/2
SM300/3 SMT300/3	179	76	444	204	141	203	116	288	G 3"	G 2 1/2
SMT400/3	202	83	479	204	141	224	116	300	G 3"	G 3"

*Optionally, it can be used in hot water application up to 90°C.

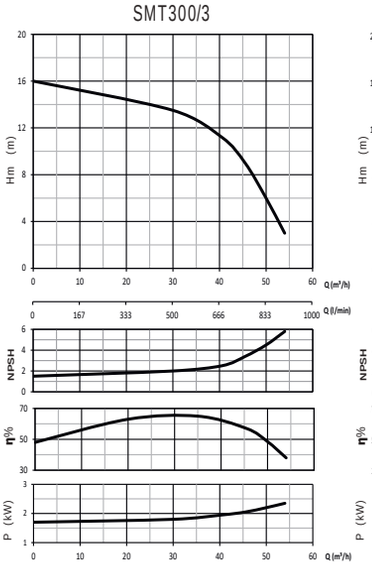




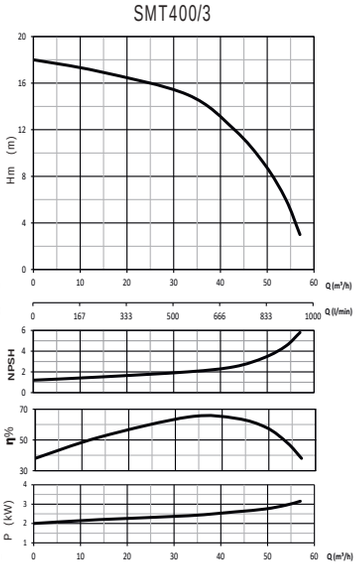
SMT220/3



SMT300/3



SMT400/3



SMT550/3



DEFINITION

Single stage centrifugal pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps used in drip and flood irrigation,high flow water needed, discharge bilge water in the ships and puddles of few dirty water which suction from 6m and can discharge maximum up to 40 m.

MATERIAL PROPERTIES

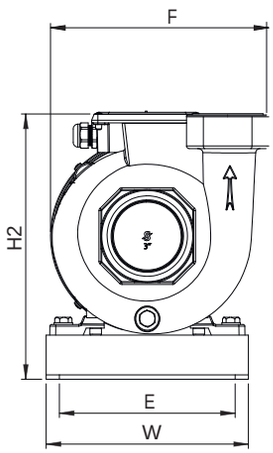
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 304 INOX
FLOW RATE (max.)	60 m³/hour
TOTAL HEAD (max.)	40 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	6 bar

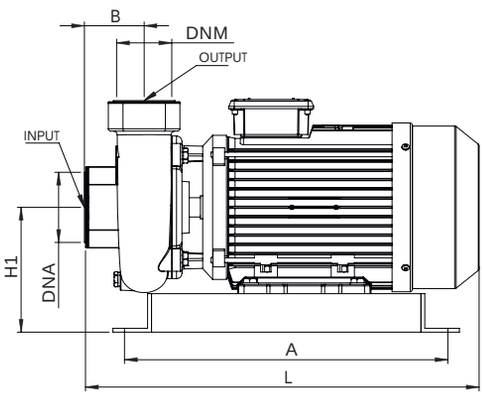
TECHNICAL SPECIFICATIONS

	MOTOR								PUMP								
	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	Suction m	Input Output	KG	m³/h	10	20	30	40	55
*	SMT550/3	4	5.5	-	380	50	-	10.5	2900	6	3" 2½	44.5	mss	28	27	25	23	17
*	SMT750/3	5.5	7.5	-	380	50	-	12	2900	6	3" 2½	63	mss	38	37	35	31	20

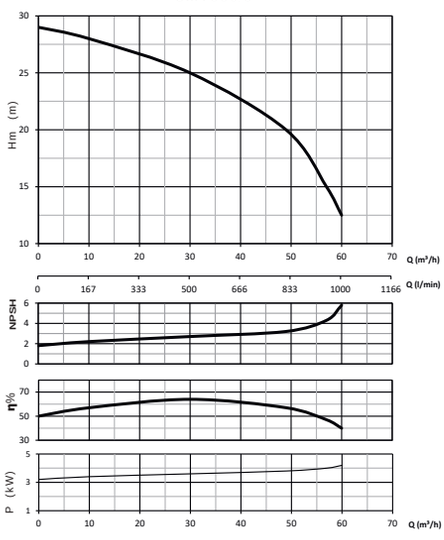
DIMENSIONS										
Type	A	B	L	W	E	F	H1	H2	DNA	DNM
SMT550/3	420	77	511	229	199	247	112	300	G 3"	G 2½
SMT750/3	490	90	526	229	199	345	162	485	G 3"	G 2½

*Optionally, it can be used in hot water application up to 90°C.

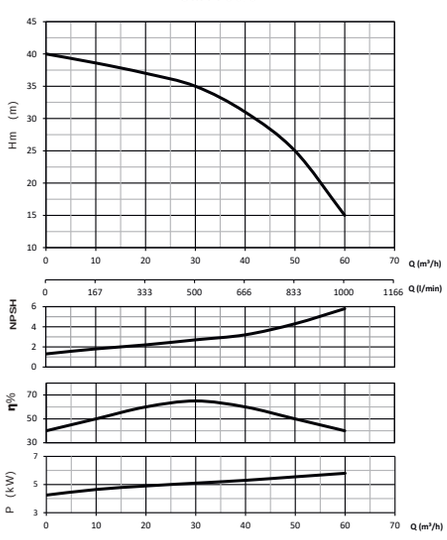




SMT550/3



SMT750/3



SMT1500/3



DEFINITION

Single stage centrifugal pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps used in drip and flood irrigation, high flow water needed, discharge bilge water in the ships and puddles of few dirty water which suction from 6m and can maximum discharge up to 55 m.

MATERIAL PROPERTIES

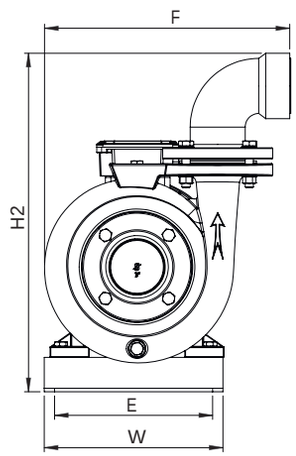
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 304 INOX
FLOW RATE (max.)	65 m³/hour
TOTAL HEAD (max.)	55 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	8 bar

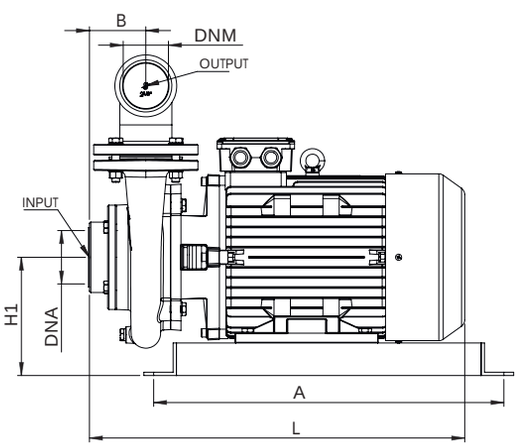
TECHNICAL SPECIFICATIONS

	MOTOR								PUMP								
	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	Suction m	Input Output	KG	m³/h	10	20	30	40	50
*	SMT1000/3	7.5	10	-	380	50	-	14.7	2900	6	3'' 2 1/2	75	mss	49	48	47	41	27
*	SMT1500/3	11	15	-	380	50	-	22	2900	6	3'' 2 1/2	83.5	mss	54	53	52	50	45

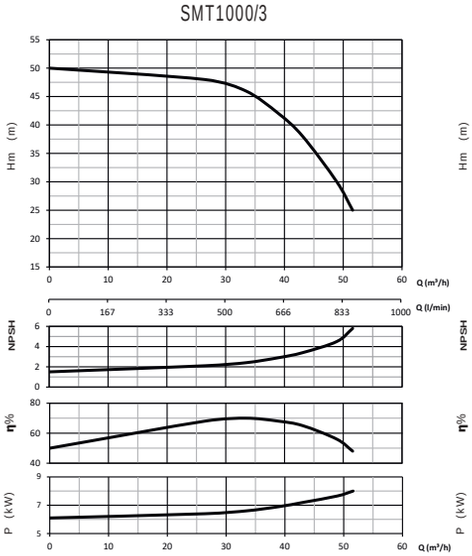
DIMENSIONS										
Type	A	B	L	W	E	F	H1	H2	DNA	DNM
SMT1000/3	538	87	577	260	230	357	182	492	G 3''	G 2 1/2
SMT1500/3	538	87	577	260	230	357	182	492	G 3''	G 2 1/2

*Optionally, it can be used in hot water application up to 90°C.

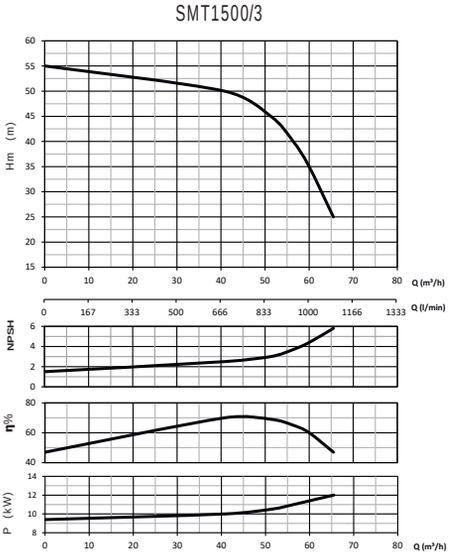




SMT1000/3



SMT1500/3



SM300/4 - SMT400/4



DEFINITION

Single stage centrifugal pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps used in drip and flood irrigation, high flow water needed, discharge bilge water in the ships and puddles of few dirty water which suction from 6m and can maximum discharge up to 20 m.

MATERIAL PROPERTIES

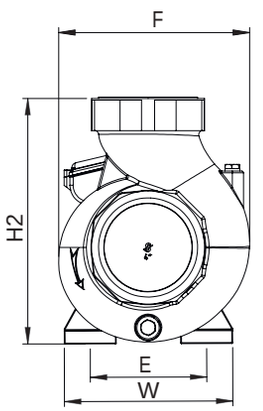
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 304 INOX
FLOW RATE (max.)	115 m³/hour
TOTAL HEAD (max.)	20 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	4 bar

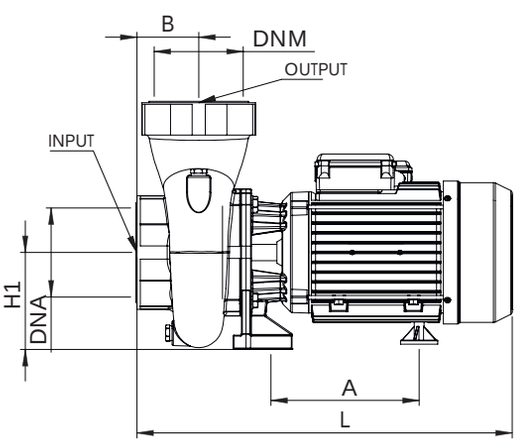
TECHNICAL SPECIFICATIONS

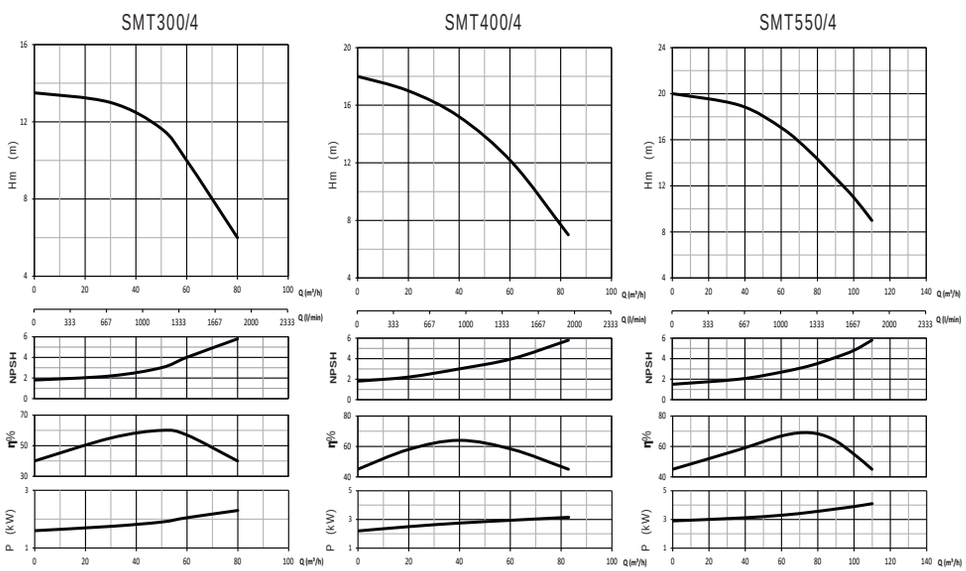
	MOTOR										PUMP							
	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	Input Output	KG	m³/h	15	30	50	80	115
*	SM300/4 SMT300/4	2.2	3	220	380	50	13.3	4.8	2900	50	450	6	4"	34.5	mss	13.5	13	11.5	6	-
*	SMT400/4	3	4	-	380	50	-	6.3	2900	-	-	6	4"	37.5		17.5	16	14	8	-
*	SMT550/4	4	5.5	-	380	50	-	9.8	2900	-	-	6	4"	51		19.5	19	18	14	8

DIMENSIONS										
Type	A	B	L	W	E	F	H1	H2	DNA	DNM
SM300/4 SMT300/4	179	75	453	204	141	232	117	298	G 4"	G 4"
SMT400/4	202	75	470	204	141	232	116	292	G 4"	G 4"
SMT550/4	468	76	531	250	220	259	162	365	G 4"	G 4"

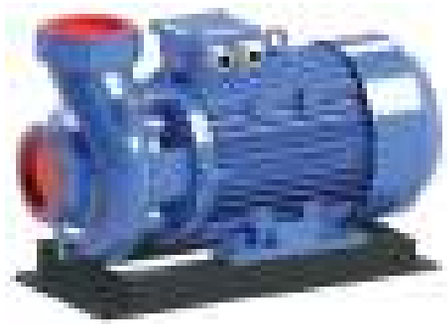
*Optionally, it can be used in hot water application up to 90°C.







SMT1500/4



DEFINITION

Single stage centrifugal pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps used in drip and flood irrigation, high flow water needed, discharge bilge water in the ships and puddles of few dirty water which suction from 6m and can maximum discharge up to 30 m.

MATERIAL PROPERTIES

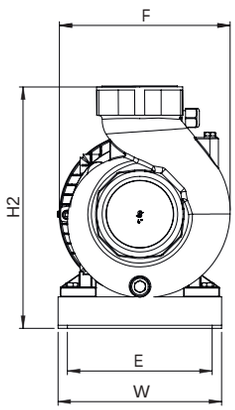
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 304 INOX
FLOW RATE (max.)	140 m³/hour
TOTAL HEAD (max.)	30 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	6 bar

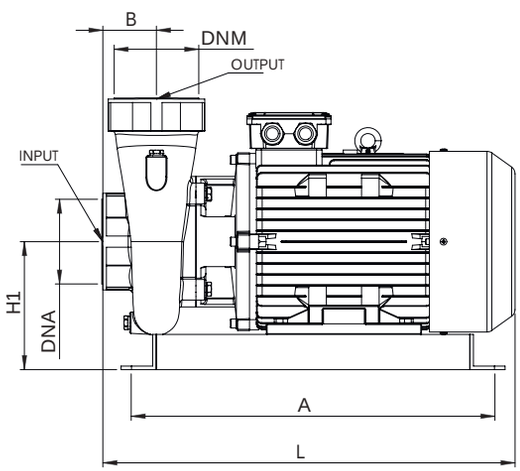
TECHNICAL SPECIFICATIONS

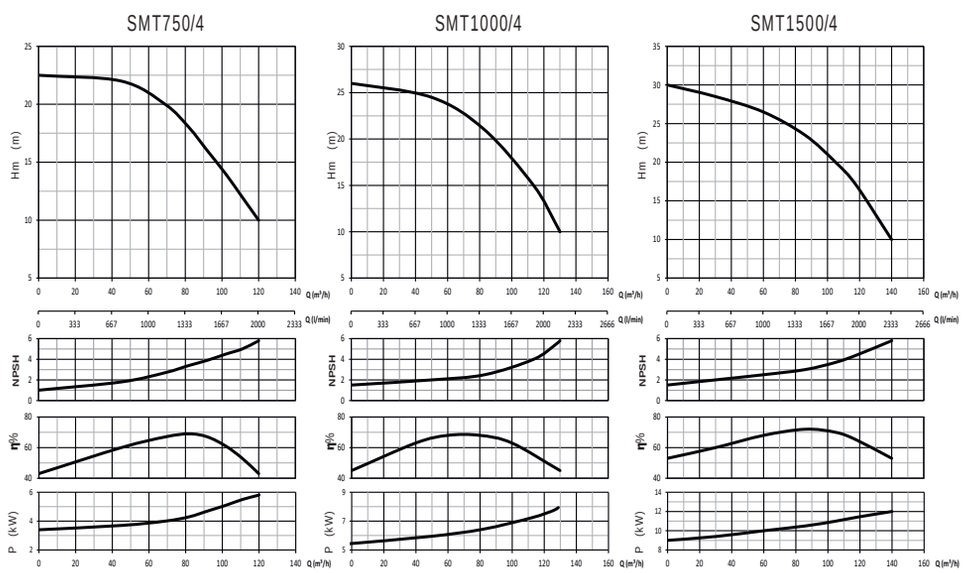
	MOTOR								PUMP								
	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	Suction m	Input Output	KG	m³/h	15	30	50	80	115
*	SMT750/4	5.5	7.5	-	380	50	-	14	2900	6	4"	56	mss	22.5	22	21.5	18	11
*	SMT1000/4	7.5	10	-	380	50	-	14.7	2900	6	4"	73		27.5	25	22	21	14
*	SMT1500/4	11	15	-	380	50	-	22.5	2900	6	4"	82		29	28	26	24	17

DIMENSIONS										
Type	A	B	L	W	E	F	H1	H2	DNA	DNM
SMT750/4	468	76	531	250	220	259	162	365	G 4"	G 4"
SMT1000/4	516	76	585	260	230	272	182	384	G 4"	G 4"
SMT1500/4	516	76	585	260	230	272	182	384	G 4"	G 4"

*Optionally, it can be used in hot water application up to 90°C.







SMK220 - SMKT300



DEFINITION

Double stage, high altitude centrifugal pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps used in pressurized water, at gas stations, irrigation and supply of clean water for up to 4 floors and 16 flats in building as booster which suction from 6m and can maximum discharge up to 60 m.

MATERIAL PROPERTIES

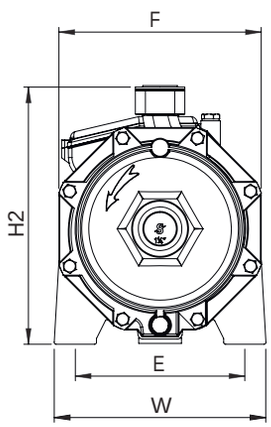
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON (SMK220-SMKT300 NORYL)
SHAFT	AISI 304 INOX
FLOW RATE (max.)	10 m³/hour
TOTAL HEAD (max.)	60 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	9 bar

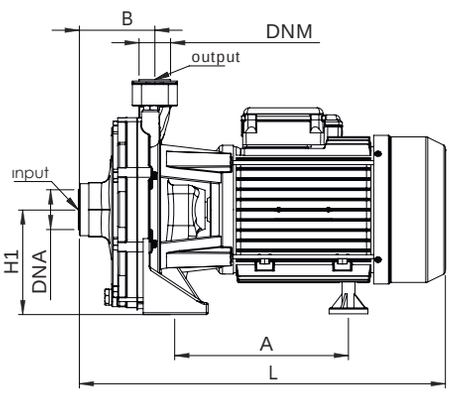
TECHNICAL SPECIFICATIONS

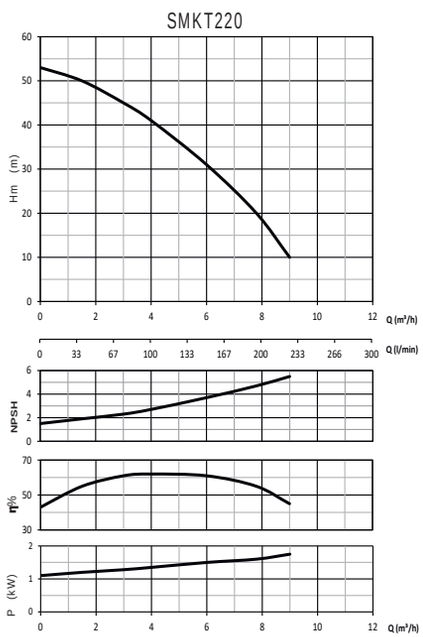
	MOTOR											PUMP						
	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	Input Output	KG	m³/h	2	4	6	8	10
*	SMK220 SMKT220	1.6	2.2	220	380	50	10.3	4.5	2900	45	450	6	1¼ 1"	28	mss	49	40	30	19	-
*	SMKT300	2.2	3	-	380	50	-	4.9	2900	-	-	6	1¼ 1"	28	mss	55	49	38	25	5

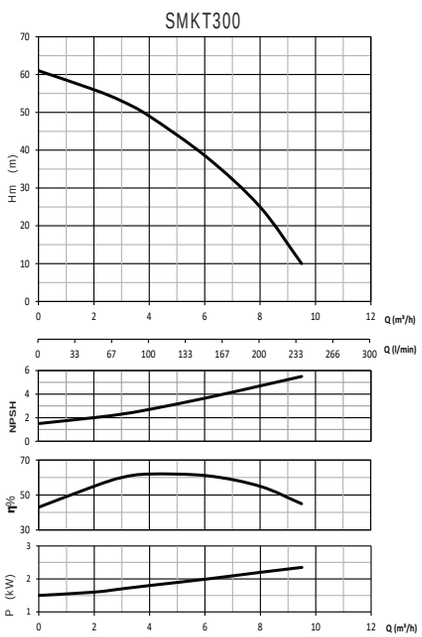
DIMENSIONS										
Type	A	B	L	W	E	F	H1	H2	DNA	DNM
SMK220 SMKT220	202	88	424	223	179	213	122	271	G 1¼	G 1"
SMKT300	202	88	424	223	179	213	122	271	G 1¼	G 1"

*Optionally, it can be used in hot water application up to 90°C and produced with stainless steel impeller.









DOUBLE STAGE CENTRIFUGAL PUMPS

SMKT750



DEFINITION

Double stage, high altitude centrifugal pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps used in pressurized water, at gas stations, irrigation and supply of clean water for up to 4 floors and 16 flats in building as booster which suction from 6m and can maximum discharge up to 85 m.

MATERIAL PROPERTIES

PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON (SMK220-SMKT300 NORYL)
SHAFT	AISI 304 INOX
FLOW RATE (max.)	16 m³/hour
TOTAL HEAD (max.)	85 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	12 bar

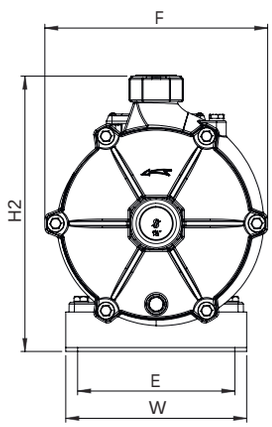
TECHNICAL SPECIFICATIONS

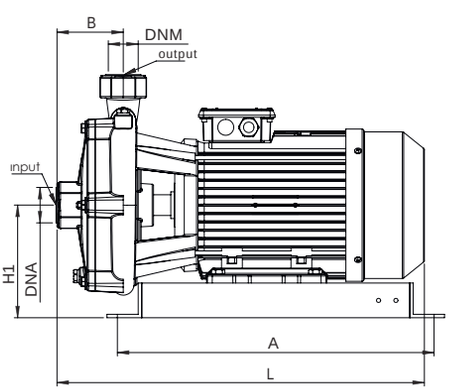
	MOTOR							PUMP								
	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	Suction m	Input Output	KG	m³/h	5	10	13	14	15
*	SMKT550	4	5.5	-	380	50	-	11	2900	6	1 1/2 1 1/2	51	mss	75	69	60	55	45
*	SMKT750	5.5	7.5	-	380	50	-	14.5	2900	6	1 1/2 1 1/2	55	mss	82	79	70	63	55

DIMENSIONS										
Type	A	B	L	W	E	F	H1	H2	DNA	DNM
SMKT550	456	96	529	229	199	283	163	345	G 1 1/2	G 1 1/2
SMKT750	456	96	529	229	199	283	163	345	G 1 1/2	G 1 1/2

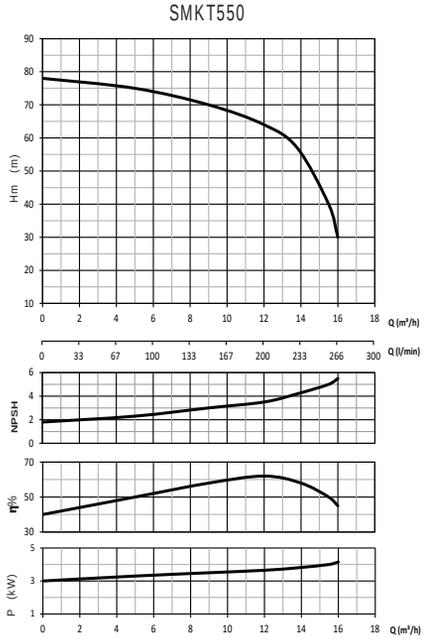
*Optionally, it can be used in hot water application up to 90°C and produced with stainless steel impeller.

**Optionally, it can be used in hot water application up to 90°C and produced with bronze impeller.

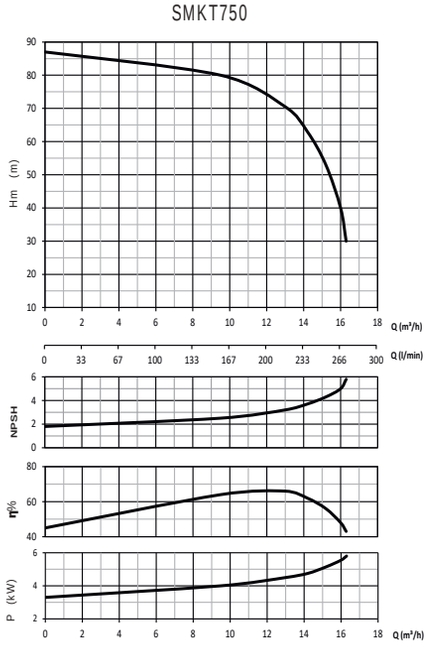




SMKT550



SMKT750



SMK220/2



DEFINITION

Double stage, singlephase and triphase centrifugal pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps used in drip, flood, sprinkler and type of fountain irrigation, high flow water needed and as booster which suction from 6m and can maximum discharge up to 48 m.

MATERIAL PROPERTIES

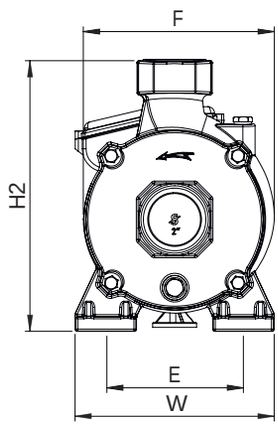
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 304 INOX
FLOW RATE (max.)	17 m³/hour
TOTAL HEAD (max.)	48 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	8 bar

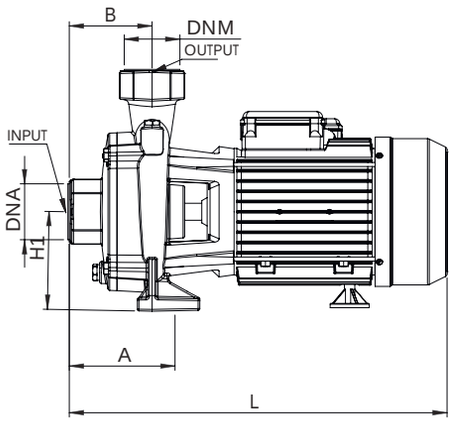
TECHNICAL SPECIFICATIONS

	MOTOR										PUMP							
	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	Input Output	KG	m³/h	5	10	15	20	25
*	SMK220/2 SMKT220/2	1.6	2.2	220	380	50	11.4	4.5	2900	45	450	6	2"	29.5	mss	39	33	21	-	-
*	SMK300/2 SMKT300/2	2.2	3	220	380	50	14.8	4.9	2900	50	450	6	2"	30.5	mss	45	39	25	-	-

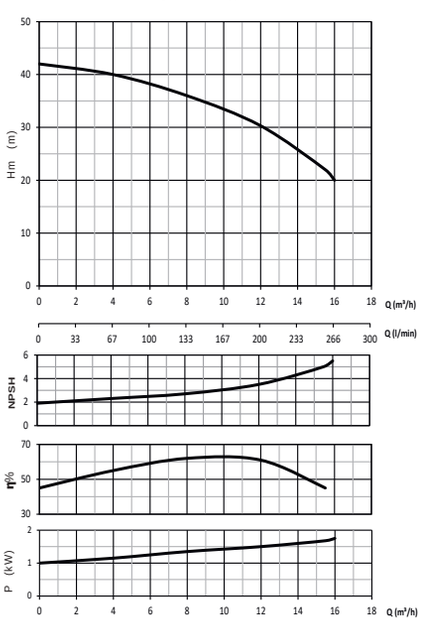
DIMENSIONS										
Type	A	B	L	W	E	F	H1	H2	DNA	DNM
SMK220/2	124	95	434	204	141	196	114	277	G 2"	G 2"
SMKT300/2	124	95	434	204	141	196	114	277	G 2"	G 2"

*Optionally, it can be used in hot water application up to 90°C.

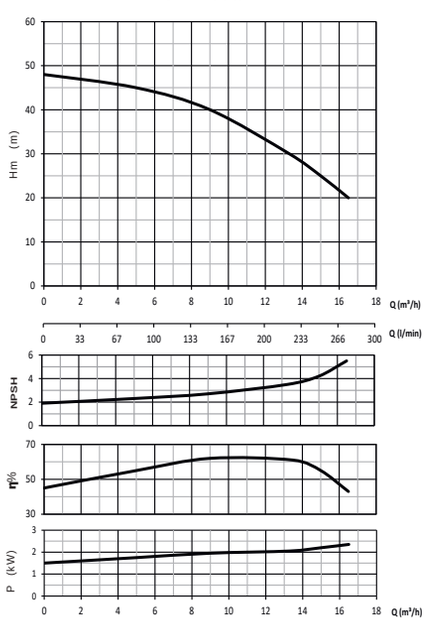




SMKT220/2



SMKT300/2



DOUBLE STAGE CENTRIFUGAL PUMPS

SMKT750/2



DEFINITION

Double stage, singlephase and triphase centrifugal pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps used in drip, flood, sprinkler and type of fountain irrigation, high flow water needed and as booster which suction from 6m and can maximum discharge up to 48 m.

MATERIAL PROPERTIES

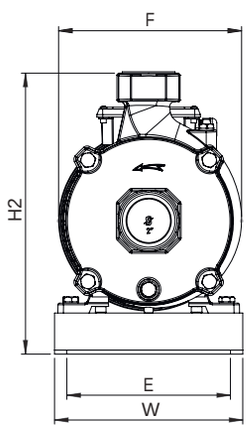
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 304 INOX
FLOW RATE (max.)	28 m³/hour
TOTAL HEAD (max.)	68 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	10 bar

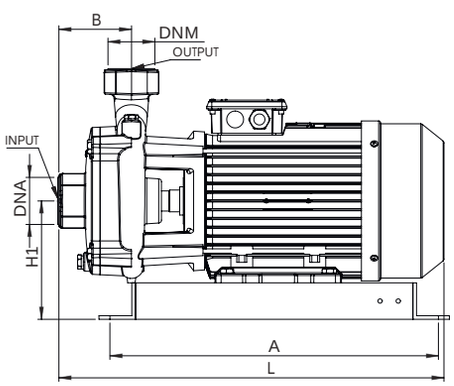
TECHNICAL SPECIFICATIONS

	MOTOR								PUMP								
	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	Suction m	Input Output	KG	m³/h	5	10	15	20	25
*	SMKT550/2	4	5.5	-	380	50	-	9.4	2900	6	2"	45	mss	57	55	49	42	30
*	SMKT750/2	5.5	7.5	-	380	50	-	12.2	2900	6	2"	50	mss	66	63	60	53	42

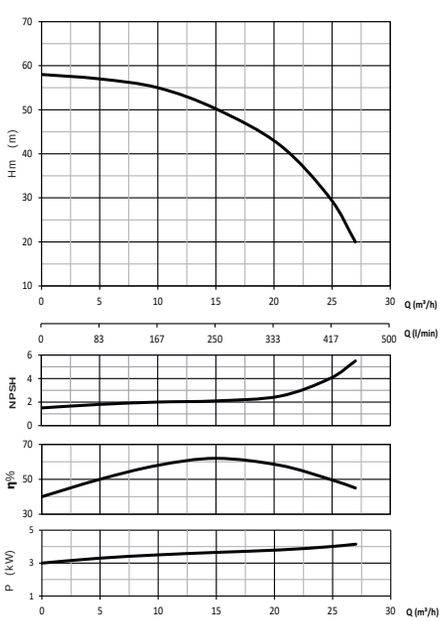
DIMENSIONS										
Type	A	B	L	W	E	F	H1	H2	DNA	DNM
SMKT550/2	450	99	527	229	199	222	162	341	G 2"	G 2"
SMKT750/2	450	99	527	229	199	222	162	341	G 2"	G 2"

*Optionally, it can be used in hot water application up to 90°C.

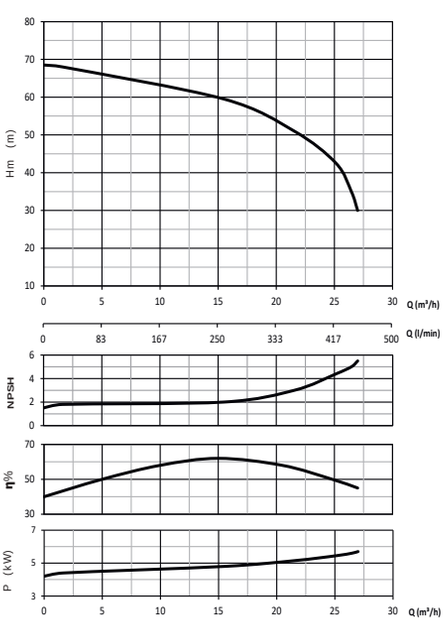




SMKT550/2



SMKT750/2



SMJB-K85



DEFINITION

Single stage jacuzzi pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps used in acidic areas, manufactring of the industial washer machines, because of the plastic body, resistance at the humidty areas and silent working which can maximum discharge up to 17 m.

MATERIAL PROPERTIES

PUMP BODY	PPH
IMPELLER	NORYL
SHAFT	AISI 304 INOX
FLOW RATE (max.)	17 m³/hour
TOTAL HEAD (max.)	17 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	3 bar

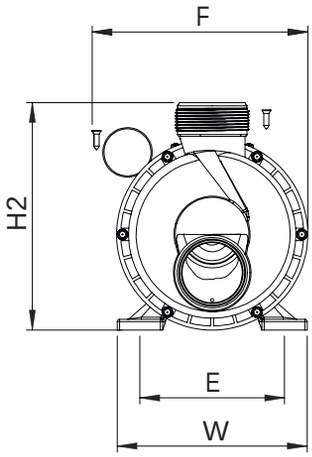
THERMAL PROTECTION IS AVAILABLE IN MONOPHASE MODELS AGAINST OVERLOADS.

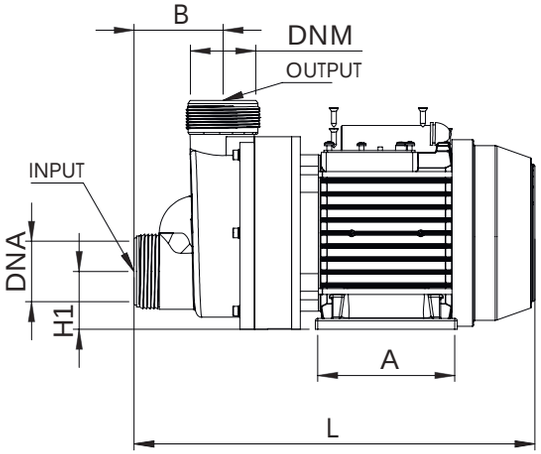
TECHNICAL SPECIFICATIONS

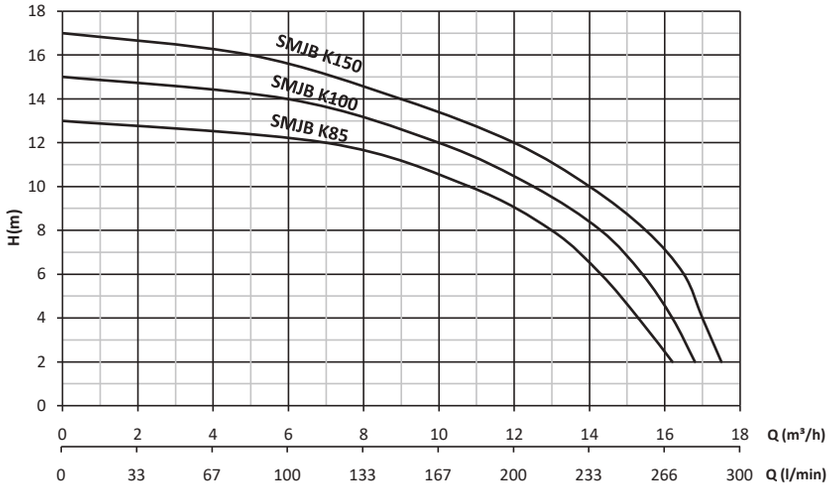
	MOTOR										PUMP							
	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	Input Output	KG	m³/h	3	6	9	12	16
*	SMJB-K85 SMJB-K85T	0.65	0.85	220	380	50	3.6	2.2	2900	20	450	-	1 1/2	8	mss	12.5	12.5	11	9	2
*	SMJB-K100 SMJB-K100T	0.75	1	220	380	50	4.2	2.4	2900	20	450	-	1 1/2	8.5		14.5	14	12.5	10.5	4
*	SMJB-K150 SMJB-K150T	1.1	1.5	220	380	50	5	2.6	2900	25	450	-	1 1/2	9.5		16.5	15.5	14	12	7

DIMENSIONS										
Type	A	B	L	W	E	F	H1	H2	DNA	DNM
SMJB-K85 SMJB-K85T	114	74	334	159	121	181	48	190	G 1 1/2	G 1 1/2
SMJB-K100 SMJB-K100T	114	74	334	159	121	181	48	190	G 1 1/2	G 1 1/2
SMJB-K150 SMJB-K150T	114	74	334	159	121	181	48	190	G 1 1/2	G 1 1/2

*Optionally, it can be produced input-output with **2" 1 1/2 1 1/4**







SMH150



DEFINITION

Self priming, monoblock, large front filter, plastic body with resistance of pressure, easy to clean filtered pool pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps used at swimming pools, SPAs which for suitable for using at. Also it has key which using at filter and union of input-output the pumps.

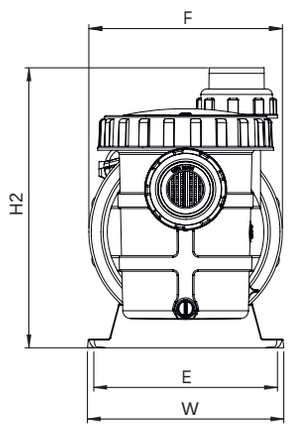
MATERIAL PROPERTIES

PUMP BODY	PPH
IMPELLER	NORYL
SHAFT	AISI 304 INOX
FLOW RATE (max.)	35 m³/hour
TOTAL HEAD (max.)	22 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	3 bar

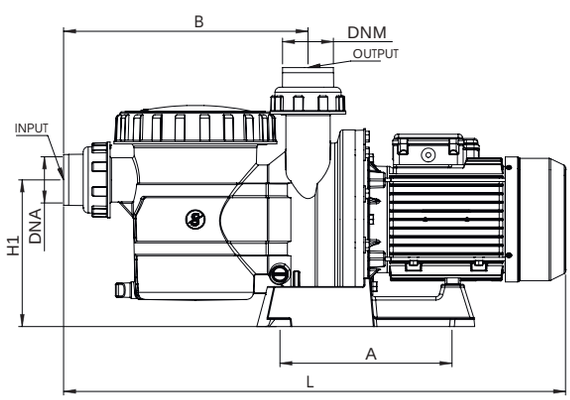
THERMAL PROTECTION IS AVAILABLE IN SMH120 MODELS AGAINST OVERLOADS.

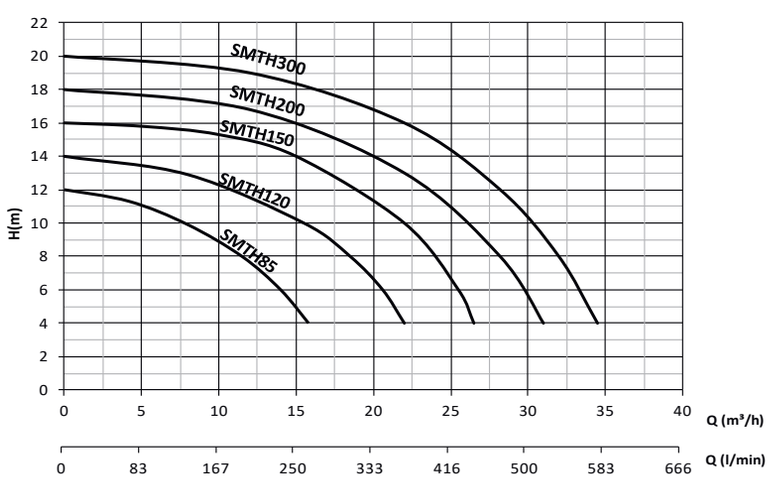
TECHNICAL SPECIFICATIONS

MOTOR											PUMP							
TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	Input Output	KG	m³/h	5	10	15	20	30
SMH85 SMHT85	0.65	0.85	220	380	50	3.75	1.7	2900	20	450	6	2"	14.9	mss	11	9	5	-	-
SMH120 SMHT120	0.9	1.2	220	380	50	5.5	2	2900	25	450	6	2"	16.5		13.5	12	10	7	-
SMH150 SMHT150	1.1	1.5	220	380	50	8	2.8	2900	40	450	6	2"	20.5		16	15.5	14	11.5	-
SMH200 SMHT200	1.5	2	220	380	50	9.8	4.4	2900	45	450	6	2"	21.5		17.5	17	16	14	6
SMH300 SMHT300	2.2	3	220	380	50	13.7	4.9	2900	50	450	6	2"	23		19.5	19	18	17	10



DIMENSIONS										
Type	A	B	L	W	E	F	H1	H2	DNA	DNM
SMH85 SMHT85	252	337	615	250	234	247	202	357	G 2"	G 2"
SMH120 SMHT120	252	337	615	250	234	247	202	357	G 2"	G 2"
SMH150 SMHT150	237	337	692	250	234	247	202	357	G 2"	G 2"
SMH200 SMHT200	237	337	692	250	234	247	202	357	G 2"	G 2"
SMH300 SMHT300	237	337	692	250	234	247	202	357	G 2"	G 2"





STAINLESS STEEL BODY MULTI STAGE PUMPS

SMINOX/150-4



DEFINITION

Stainless steel body, multi stage pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps used in pressurized water, at gas stations, irrigation and supply of clean water for up to 5 floors and 12 flats in building as booster which can maximum discharge up to 55 m.

MATERIAL PROPERTIES

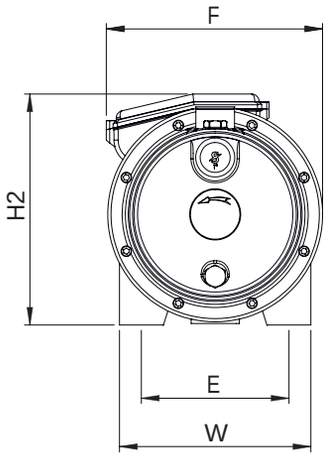
PUMP BODY	AISI 304 INOX
IMPELLER	NORYL
SHAFT	AISI 304 INOX
FLOW RATE (max.)	7.2 m³/hour
TOTAL HEAD (max.)	55 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	8 bar

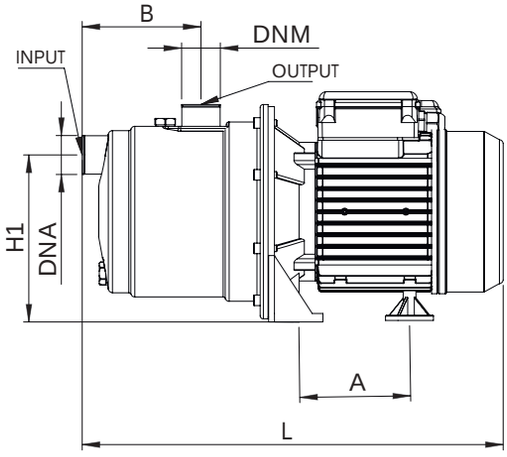
THERMAL PROTECTION IS AVAILABLE IN MONOPHASE MODELS AGAINST OVERLOADS.

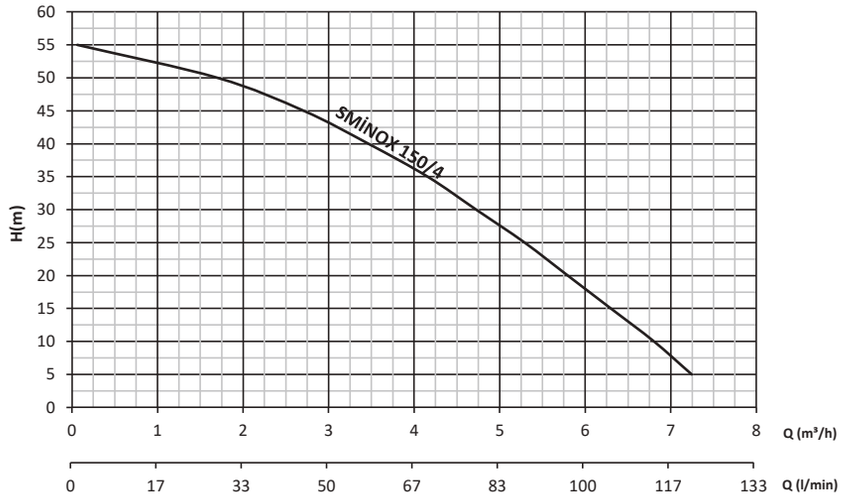
TECHNICAL SPECIFICATIONS

MOTOR											PUMP							
TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	Input Output	KG	m³/h	1	2	3	5	6
SMINOX/150-4 SMINOX/150-4T	1.1	1.5	220	380	50	6	2.7	2900	25	450	-	1"	12	mss	53	48	43	28	18

DIMENSIONS										
Type	A	B	L	W	E	F	H1	H2	DNA	DNM
SMINOX/150-4 SMINOX/150-4T	104	112	396	179	138	203	157	216	G 1"	G 1"







STAINLESS STEEL CENTRIFUGAL PUMPS

SMINOX12-220/2T



DEFINITION

Stainless steel double stage, high altitude and all surfaces contact with water are stainless steel pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

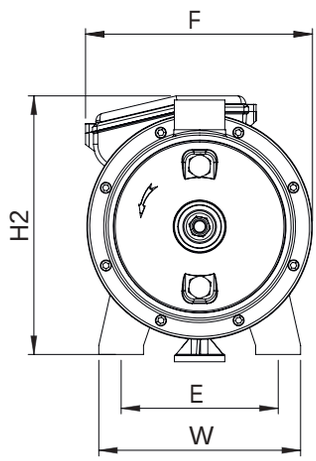
These type of pumps used in pressurized water, at gas stations, irrigation and supply of clean water for up to 10 floors and 20 flats in building as booster which because of all surfaces contact with water are stainless steel can maximum discharge up to 70 meters.

MATERIAL PROPERTIES

PUMP BODY	AISI 304 INOX
IMPELLER	AISI 304 INOX
SHAFT	AISI 304 INOX
FLOW RATE (max.)	12 m³/hour
TOTAL HEAD (max.)	70 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	10 bar

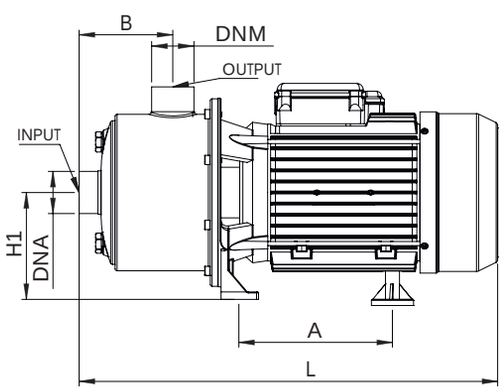
TECHNICAL SPECIFICATIONS

	MOTOR											PUMP						
	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	Input Output	KG	m³/h	2	4	6	8	10
*	SMINOX12/220-2	1.6	2.2	220	-	50	11	-	2900	45	450	6	1 1/4 1 1/4	22	mss	47	42	37	32	22
*	SMINOX12/220-2T	1.6	2.2	-	380	50	-	3.5	2900	-	-	6	1 1/4 1 1/4	22		47	42	37	32	22
*	SMINOX12/300-3T	2.2	3	-	380	50	-	5	2900	-	-	6	1 1/4 1 1/4	24		65	58	50	40	28

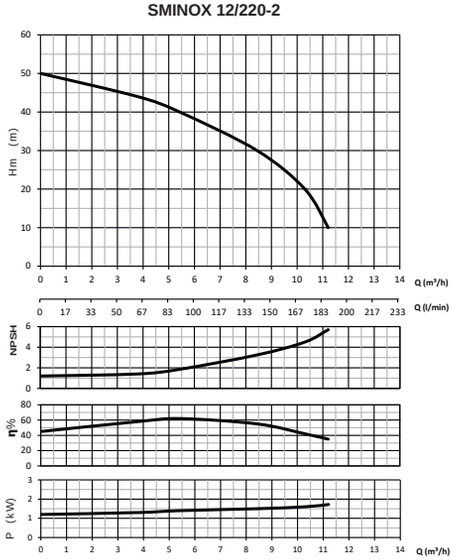


DIMENSIONS										
Type	A	B	L	W	E	F	H1	H2	DNA	DNM
SMINOX 12/220-2 SMINOX 12/220-2T	164	100	447	180	140	202	114	231	G 1¼	G 1¼
SMINOX 12/300-3T	164	100	447	180	140	202	114	231	G 1¼	G 1¼

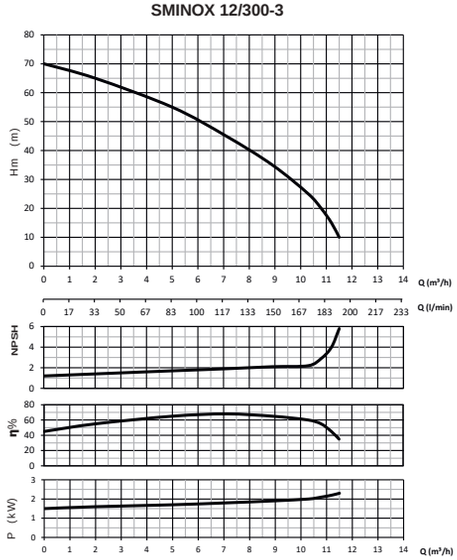
*Optionally, it can be used in hot water application up to 90°C



SMINOX 12/220-2



SMINOX 12/300-3



STAINLESS STEEL CENTRIFUGAL PUMPS

SMINOX/A100/1



DEFINITION

Stainless steel body, open impeller centrifugal pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps used in treatment systems, food industries, hospitals, hygienic areas, pool circulation in fish farms which because of all surfaces contact with water are stainless steel can maximum discharge up to 12.5 meters.

MATERIAL PROPERTIES

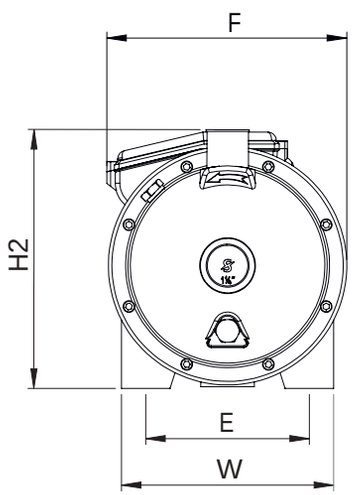
PUMP BODY	AISI 304 INOX (AISI 316 INOX)
IMPELLER	AISI 304 INOX (AISI 316 INOX)
SHAFT	AISI 304 INOX (AISI 316 INOX)
FLOW RATE (max.)	9.5 m³/hour
TOTAL HEAD (max.)	12.5 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	4 bar

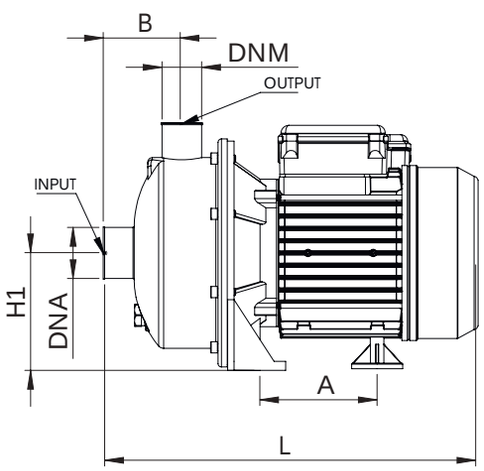
TECHNICAL SPECIFICATIONS

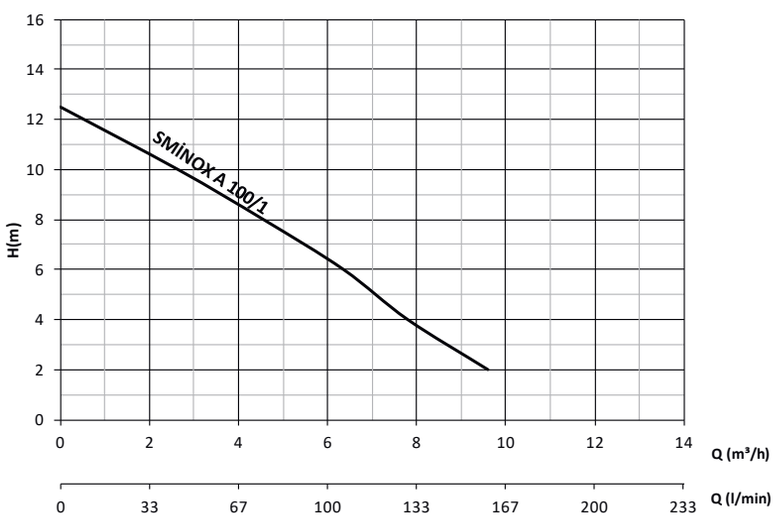
	MOTOR											PUMP						
	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	Input Output	KG	m³/h	1	3	5	7	9
*	SMINOX/A-100/1 SMINOX/A-100/1T	0.75	1	220	380	50	5	2.4	2900	20	450	-	1¼" 1"	10.3	mss	11.5	9.5	7.5	5	3

DIMENSIONS										
Type	A	B	L	W	E	F	H1	H2	DNA	DNM
SMINOX/A-100/1 SMINOX/A-100/1T	104	72	330	179	138	203	104	216	G 1¼	G 1"

*Optionally, it can be used in hot water application up to 90°C
*Optionally, it can be produces with AISI 316 stainless steel.







STAINLESS STEEL CENTRIFUGAL PUMPS

SMINOX K 100/1



DEFINITION

Stainless steel body, stainless steel closed impeller centrifugal pumps. It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps used in treatment systems, food industries, hospitals, hygienic areas, pool circulation in fish farms which because of all surfaces contact with water are stainless steel can maximum discharge up to 26 meters.

MATERIAL PROPERTIES

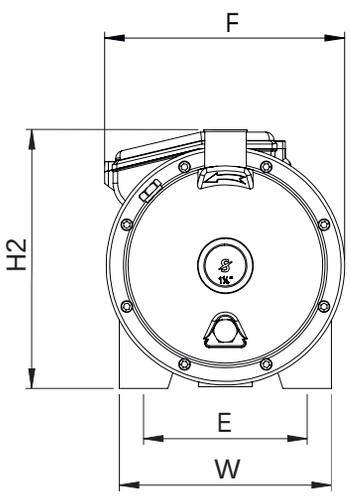
PUMP BODY	AISI 304 INOX (AISI 316 INOX)
IMPELLER	AISI 304 INOX (AISI 316 INOX)
SHAFT	AISI 304 INOX (AISI 316 INOX)
FLOW RATE (max.)	8 m³/hour
TOTAL HEAD (max.)	26 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	4 bar

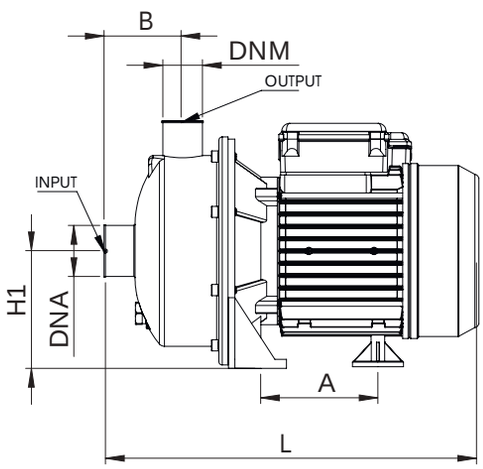
TECHNICAL SPECIFICATIONS

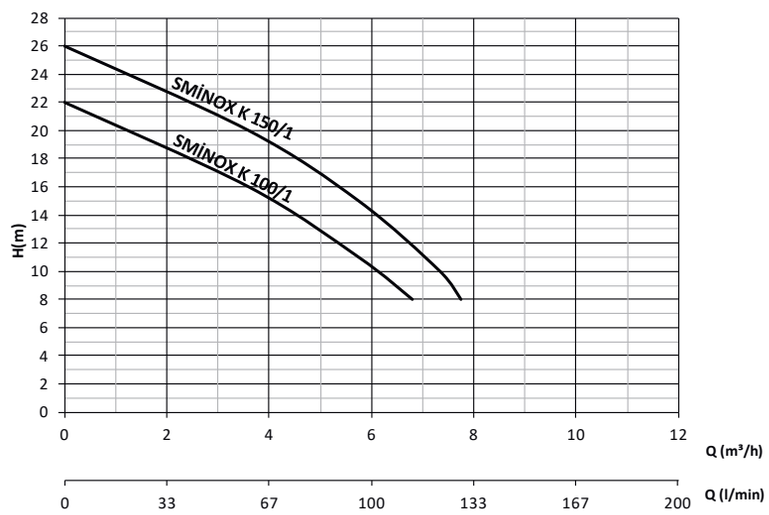
	MOTOR										PUMP							
	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	Input Output	KG	m³/h	2	3	4	6	8
*	SMINOX K 100/1 SMINOX K 100/1T	0.75	1	220	380	50	5.2	2.4	2900	45	450	6	1¼ 1"	10.7	mss	19	17	15	10	-
*	SMINOX K 150/1 SMINOX K 150/1T	1.1	1.5	220	380	50	6.1	2.6	2900	50	450	6	1¼ 1"	11.2		23	21	19	14	6

DIMENSIONS										
Type	A	B	L	W	E	F	H1	H2	DNA	DNM
SMINOX K 100/1 SMINOX K 100/1T	104	72	330	179	138	203	104	216	G 1¼	G 1"
SMINOX K 150/1 SMINOX K 150/1T	104	72	330	179	138	203	104	216	G 1¼	G 1"

*Optionally, it can be used in hot water application up to 90°C
*Optionally, it can be produces with AISI 316 stainless steel.







STAINLESS STEEL CENTRIFUGAL PUMPS

SMINOX/A-100



DEFINITION

Stainless steel body, open impeller centrifugal pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps used in treatment systems, food industries, hospitals, hygienic areas, pool circulation in fish farms which because of all surfaces contact with water are stainless steel can maximum discharge up to 15.5 meters.

MATERIAL PROPERTIES

PUMP BODY	AISI 304 INOX (AISI 316 INOX)
IMPELLER	AISI 304 INOX (AISI 316 INOX)
SHAFT	AISI 304 INOX (AISI 316 INOX)
FLOW RATE (max.)	24 m³/hour
TOTAL HEAD (max.)	15.5 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	4 bar

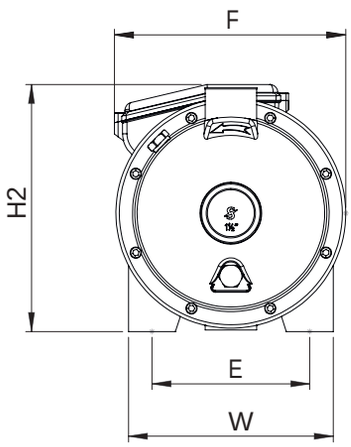
THERMAL PROTECTION IS AVAILABLE IN MONOPHASE MODELS AGAINST OVERLOADS.

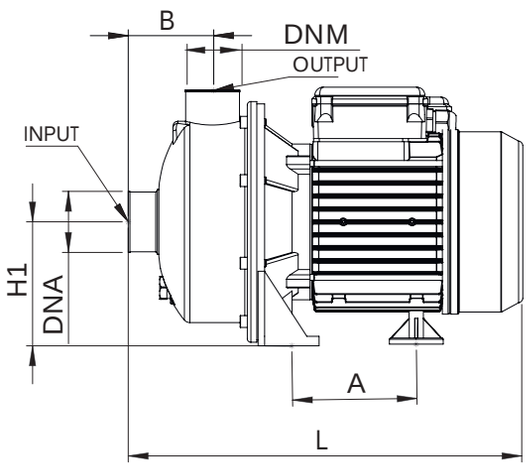
TECHNICAL SPECIFICATIONS

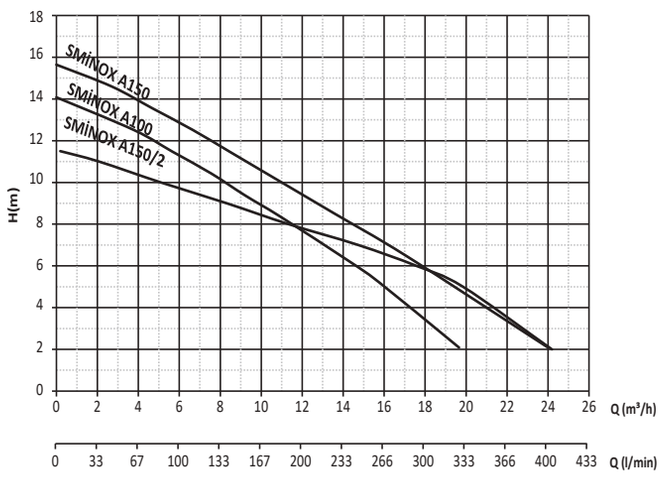
	MOTOR											PUMP						
	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	Input Output	KG	m³/h	3	6	9	12	17
*	SMINOX / A-100 SMINOX / A-100 T	0.75	1	220	380	50	5.2	2.4	2900	20	450	-	1 1/2 1 1/4	11	mss	12.5	11	9.5	7.5	4
*	SMINOX / A-150 SMINOX / A-150 T	1.1	1.5	220	380	50	5.5	2.5	2900	25	450	-	1 1/2 1 1/4	11.5		14	12.5	11	9	6
*	SMINOX / A-150/2 SMINOX / A-150/2T	1.1	1.5	220	380	50	6.2	2.6	2900	25	450	-	2"	11		11	10	9	7.5	6

DIMENSIONS										
Type	A	B	L	W	E	F	H1	H2	DNA	DNM
SMINOX/A-100 SMINOX/A-100T	104	72	329	179	138	203	104	216	G 1 1/2	G 1 1/4
SMINOX/A150 SMINOX/A150-T	104	72	329	179	138	203	104	216	G 1 1/2	G 1 1/4
SMINOX/A-150/2 SMINOX/A-150/2T	104	78	347	179	138	203	104	219	G 2"	G 2"

*Optionally, it can be used in hot water application up to 90°C
*Optionally, it can be produces with AISI 316 stainless steel.







STAINLESS STEEL CENTRIFUGAL PUMPS

SMINOX/K-100



DEFINITION

Stainless steel body, closed impeller centrifugal pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps used in treatment systems, food industries, hospitals, hygienic areas, pool circulation in fish farms which because of all surfaces contact with water are stainless steel can maximum discharge up to 18.5 meters.

MATERIAL PROPERTIES

PUMP BODY	AISI 304 INOX (AISI 316 INOX)
IMPELLER	AISI 304 INOX (AISI 316 INOX)
SHAFT	AISI 304 INOX (AISI 316 INOX)
FLOW RATE (max.)	27 m³/hour
TOTAL HEAD (max.)	18.5 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	4 bar

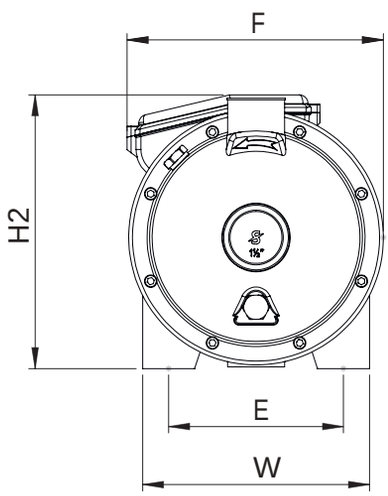
THERMAL PROTECTION IS AVAILABLE IN MONOPHASE MODELS AGAINST OVERLOADS.

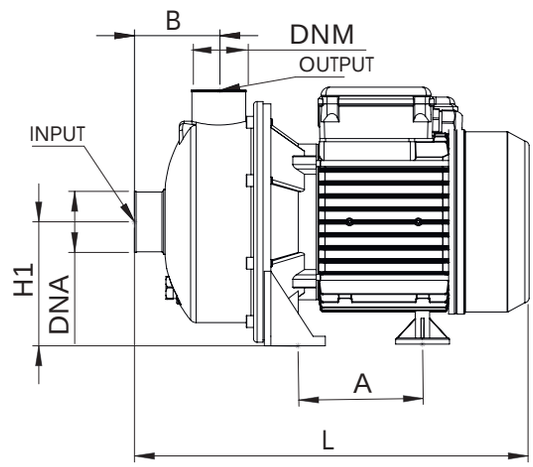
TECHNICAL SPECIFICATIONS

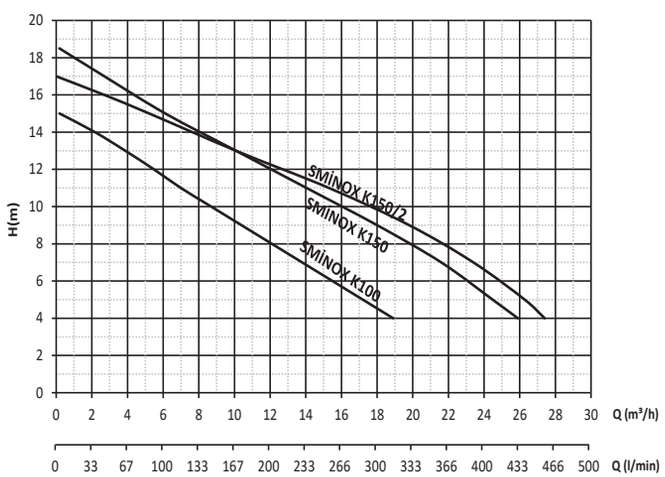
	MOTOR										PUMP							
	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	Input Output	KG	m³/h	3	6	9	12	17
*	SMINOX / K-100 SMINOX / K-100T	0.75	1	220	380	50	2.4	2.4	2900	20	450	6	1 1/2 1 1/4	11	mss	13	11	10	8	5
*	SMINOX / K-150 SMINOX / K-150T	1.1	1.5	220	380	50	2.6	2.6	2900	25	450	6	1 1/2 1 1/4	11.5		17	15	13.5	12	9
*	SMINOX / K-150/2 SMINOX / K-150/2T	1.1	1.5	220	380	50	2.6	2.6	2900	25	450	6	2"	11		16	15	13.5	12	10

DIMENSIONS										
Type	A	B	L	W	E	F	H1	H2	DNA	DNM
SMINOX/K-100 SMINOX/K-100T	104	72	329	179	138	203	104	216	G 1 1/2	G 1 1/4
SMINOX/K-150 SMINOX/K-150T	104	72	329	179	138	203	104	216	G 1 1/2	G 1 1/4
SMINOX/K-150/2 SMINOX/K-150/2T	104	78	347	179	138	203	104	219	G 2"	G 2"

*Optionally, it can be used in hot water application up to 90°C
*Optionally, it can be produces with AISI 316 stainless steel.







STAINLESS STEEL CENTRIFUGAL PUMPS

SMINOX/A-220/2



DEFINITION

Stainless steel body, open impeller centrifugal pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps used in treatment systems, food industries, hospitals, hygienic areas, pool circulation in fish farms which because of all surfaces contact with water are stainless steel can maximum discharge up to 19 meters.

MATERIAL PROPERTIES

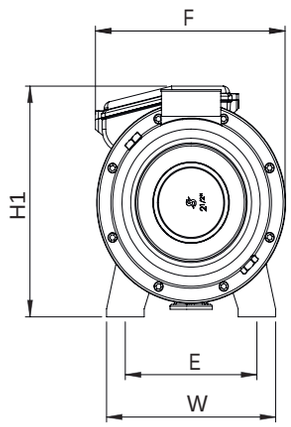
PUMP BODY	AISI 304 INOX (AISI 316 INOX)
IMPELLER	AISI 304 INOX (AISI 316 INOX)
SHAFT	AISI 304 INOX (AISI 316 INOX)
FLOW RATE (max.)	58 m³/hour
TOTAL HEAD (max.)	19 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	4 bar

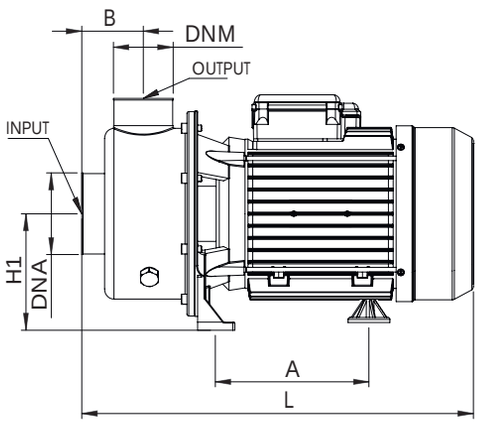
TECHNICAL SPECIFICATIONS

	MOTOR											PUMP						
	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	Input Output	KG	m³/h	5	15	25	35	50
*	SMINOX/A-220/2 SMINOX/A-220/2T	1.6	2.2	220	380	50	11.8	4.3	2900	45	450	-	2 1/2 2"	20	mss	15.5	13.5	11	7.5	-
*	SMINOX/A-300/2 SMINOX/A-300/2T	2.2	3	220	380	50	13.6	5	2900	50	450	-	2 1/2 2"	21		16.5	15	12.5	9	4
*	SMINOX/A-400/2T	3	4	-	380	50	-	6	2900	-	-	-	2 1/2 2"	23.5		18	16	14	11	5.5

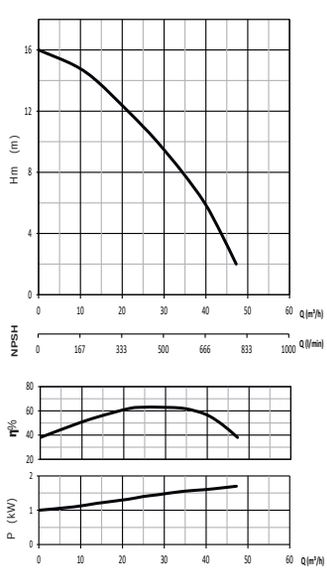
DIMENSIONS										
Type	A	B	L	W	E	F	H1	H2	DNA	DNM
SMINOX/A-220/2 SMINOX/A-220/2T	166	67	421	180	140	202	114	231	G 1 1/2	G 2"
SMINOX/A-300/2 SMINOX/A-300/2T	166	67	421	180	140	202	114	231	G 1 1/2	G 2"
SMINOX/A-400/2T	114	67	438	180	140	202	189	237	G 1 1/2	G 2"

*Optionally, it can be used in hot water application up to 90°C
*Optionally, it can be produces with AISI 316 stainless steel.

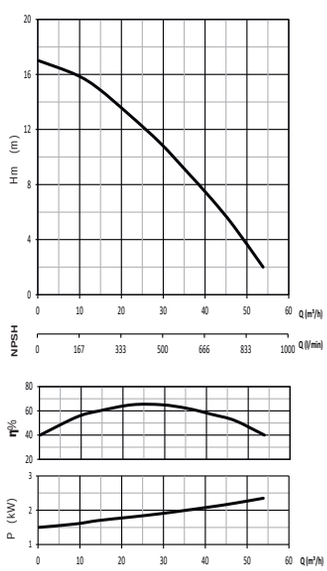




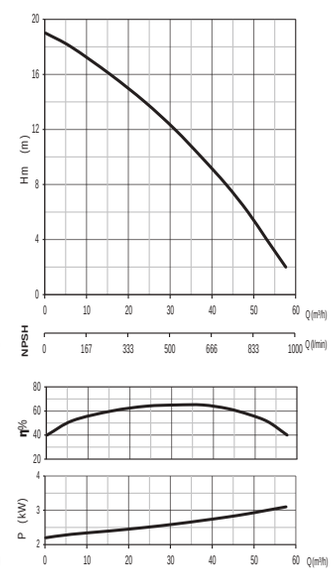
SMINOX/A-220/2



SMINOX/A-300/2



SMINOX/A-400/2T



STAINLESS STEEL CENTRIFUGAL PUMPS

SMINOX/K-400/2T



DEFINITION

Stainless steel body, closed impeller centrifugal pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps used in treatment systems, food industries, hospitals, hygienic areas, pool circulation in fish farms which because of all surfaces contact with water are stainless steel can maximum discharge up to 25 meters.

MATERIAL PROPERTIES

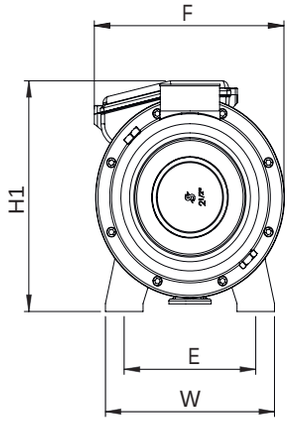
PUMP BODY	AISI 304 INOX (AISI 316 INOX)
IMPELLER	AISI 304 INOX (AISI 316 INOX)
SHAFT	AISI 304 INOX (AISI 316 INOX)
FLOW RATE (max.)	38 m³/hour
TOTAL HEAD (max.)	25 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	4 bar

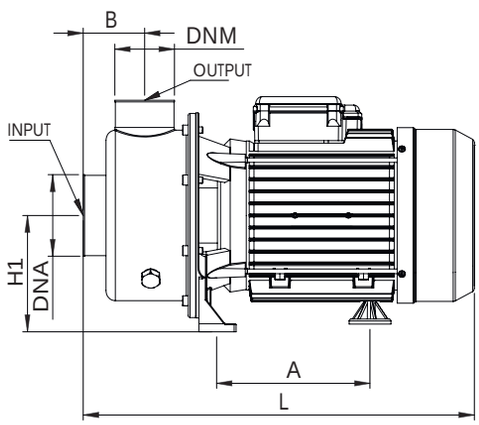
TECHNICAL SPECIFICATIONS

	MOTOR											PUMP						
	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	Input Output	KG	m³/h	5	15	25	35	50
*	SMINOX/K-220/2 SMINOX/K-220/2T	1.6	2.2	220	380	50	11	3.5	2900	45	450	6	2 1/2 2"	20	mss	18	15.5	11	-	-
*	SMINOX/K-300/2 SMINOX/K-300/2T	2.2	3	220	380	50	13	4	2900	50	450	6	2 1/2 2"	21.5		21	19	13.5	6.5	-
*	SMINOX/K-400/2T	3	4	-	380	50	-	4.8	2900	-	-	6	2 1/2 2"	24		24	21.5	16	9	-

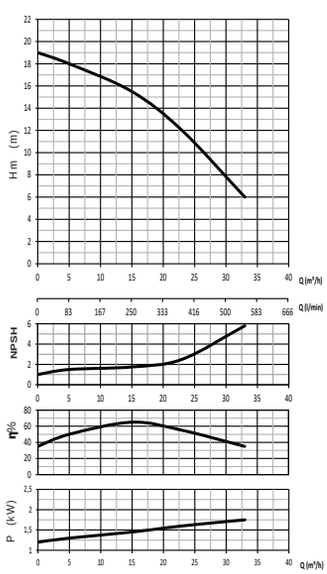
DIMENSIONS										
Type	A	B	L	W	E	F	H1	H2	DNA	DNM
SMINOX/K-220/2 SMINOX/K-220/2T	166	67	421	180	140	202	114	231	G 2 1/2	G 2"
SMINOX/K-300/2 SMINOX/K-300/2T	166	67	421	180	140	202	114	231	G 2 1/2	G 2"
SMINOX/K-400/2T	114	67	438	180	140	202	189	219	G 2 1/2	G 2"

*Optionally, it can be used in hot water application up to 90°C
*Optionally, it can be produces with AISI 316 stainless steel.

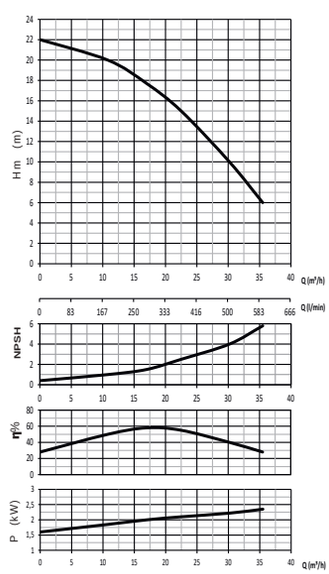




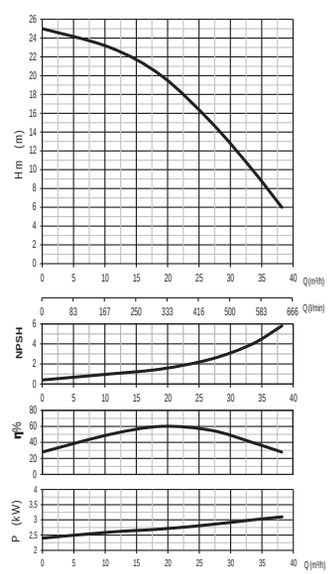
SMINOX/K-220/2



SMINOX/K-300/2



SMINOX/K-400/2



COMPLETELY STAINLESS STEEL, FLANGE CONNECTION, RIGID COUPLED CENTRIFUGAL PUMPS

New Product

SMINOX160/32



DEFINITION

Stainless body, closed impeller, rigid coupling and flange connected centrifugal pumps which produced completely AISI 316 stainless steel with EN 733 (DIN 24255) standards. Also designed with high hydraulic specifications options motor with exproof and frequency controlled.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps used in chemical industry, food industry, military industry, agriculture, treatment plant, marine which can maximum discharge the water up to 35 meters.

MATERIAL PROPERTIES

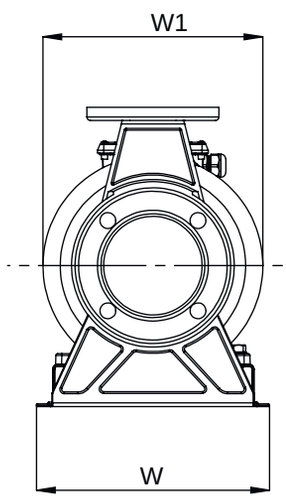
PUMP BODY	AISI 316 INOX
IMPELLER	AISI 316 INOX
SHAFT	AISI 316 INOX
FLOW RATE (max.)	25 m^3/hour
TOTAL HEAD (max.)	35 m
LIQUID PUMPING TEMPERATURE	-10^{0}C - +110^{0}C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	6 bar

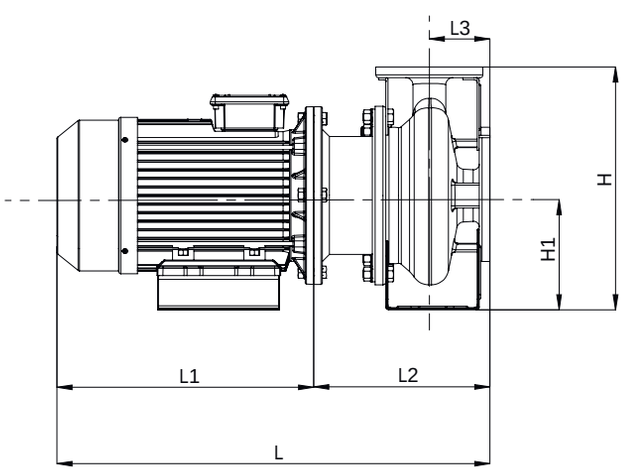
TECHNICAL SPECIFICATIONS

MOTOR							PUMP									
TYPE	KW	HP	V	Hz	A	rpm	Input	Output	KG	m^3/h	10	20	25	35	45	50
SMINOX160/32	1.5	2	380	50	3.5	2900	DN50	DN32	27	mss	23	15	11	-	-	-
SMINOX160/32	2.2	3	380	50	4.8	2900	DN50	DN32	33		32	24	19	-	-	-

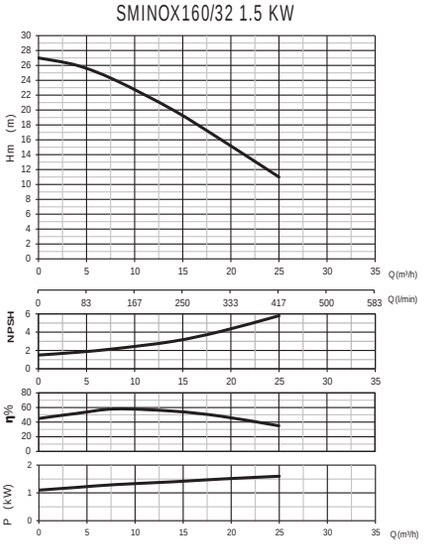
DIMENSIONS								
Type	L	L1	L2	L3	H	H1	W	W1
SMINOX160/32	488	278	210	80	292	132	240	244

Optionally, motors can be produced with Exproof or Frequency controlled.

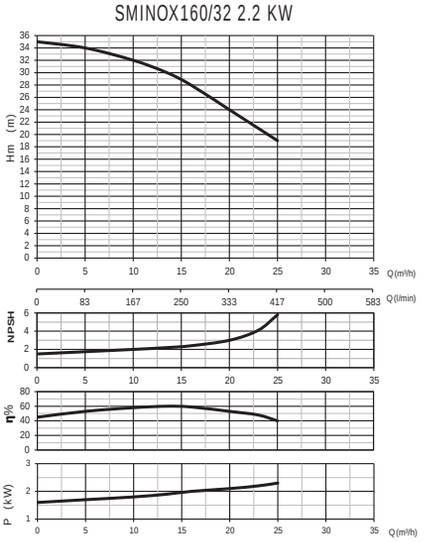




SMINOX160/32 1.5 KW



SMINOX160/32 2.2 KW



COMPLETELY STAINLESS STEEL, FLANGE CONNECTION, RIGID COUPLED CENTRIFUGAL PUMPS

New Product

SMINOX200/32



DEFINITION

Stainless body, closed impeller, rigid coupling and flange connected centrifugal pumps which produced completely AISI 316 stainless steel with EN 733 (DIN 24255) standards. Also designed with high hydraulic specifications options motor with exproof and frequency controlled.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps used in chemical industry, food industry, military industry, agriculture, treatment plant, marine which can maximum discharge the water up to 54 meters.

MATERIAL PROPERTIES

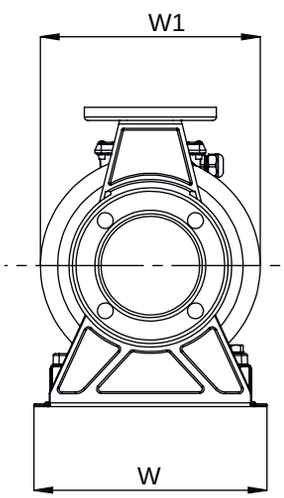
PUMP BODY	AISI 316 INOX
IMPELLER	AISI 316 INOX
SHAFT	AISI 316 INOX
FLOW RATE (max.)	30 m³/hour
TOTAL HEAD (max.)	54 m
LIQUID PUMPING TEMPERATURE	-10°C - +110°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	8 bar

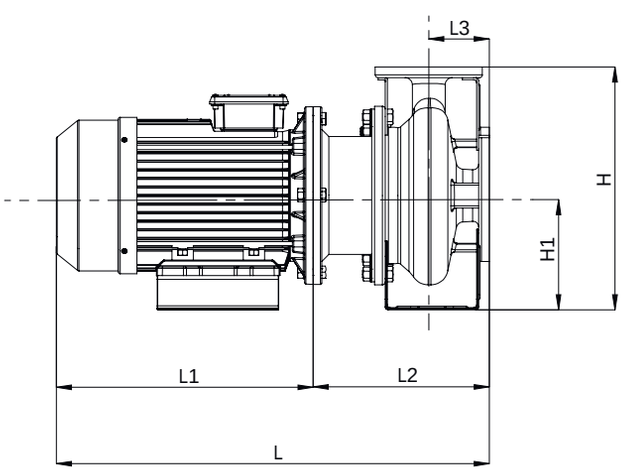
TECHNICAL SPECIFICATIONS

MOTOR							PUMP									
TYPE	KW	HP	V	Hz	A	rpm	Input	Output	KG	m³/h	10	20	25	35	45	50
SMINOX200/32	3	4	380	50	6.5	2900	DN50	DN32	44	mss	37	27	22	-	-	-
SMINOX200/32	4	5.5	380	50	8.5	2900	DN50	DN32	51		48	38	33	-	-	-

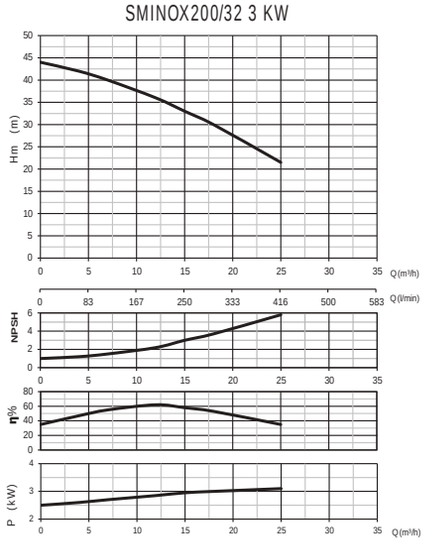
DIMENSIONS								
Type	L	L1	L2	L3	H	H1	W	W1
SMINOX200/32	527	305	222	80	340	160	240	295

Optionally, motors can be produced with Exproof or Frequency controlled.

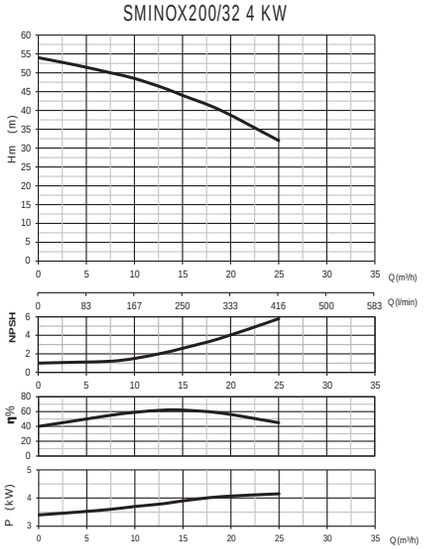




SMINOX200/32 3 KW



SMINOX200/32 4 KW



COMPLETELY STAINLESS STEEL, FLANGE CONNECTION, RIGID COUPLED CENTRIFUGAL PUMPS

New Product

SMINOX160/40



DEFINITION

Stainless body, closed impeller, rigid coupling and flange connected centrifugal pumps which produced completely AISI 316 stainless steel with EN 733 (DIN 24255) standards. Also designed with high hydraulic specifications options motor with exproof and frequency controlled.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps used in chemical industry, food industry, military industry, agriculture, treatment plant, marine which can maximum discharge the water up to 37 meters.

MATERIAL PROPERTIES

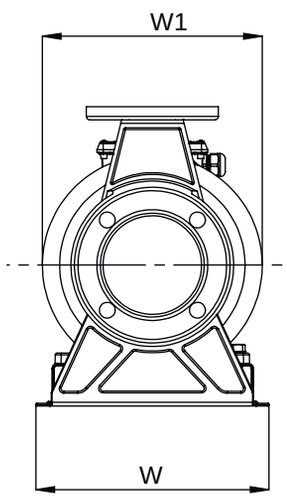
PUMP BODY	AISI 316 INOX
IMPELLER	AISI 316 INOX
SHAFT	AISI 316 INOX
FLOW RATE (max.)	55 m³/hour
TOTAL HEAD (max.)	37 m
LIQUID PUMPING TEMPERATURE	-10°C - +110°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	6 bar

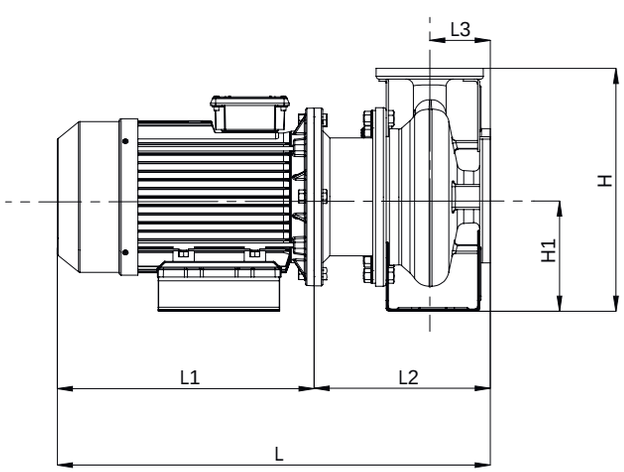
TECHNICAL SPECIFICATIONS

MOTOR							PUMP									
TYPE	KW	HP	V	Hz	A	rpm	Input	Output	KG	m³/h	10	20	25	35	45	50
SMINOX160/40	3	4	380	50	6.2	2900	DN65	DN40	42	mss	31	29	26	21	13	9
SMINOX160/40	4	5.5	380	50	8.5	2900	DN65	DN40	48		37	35	33	26	20	15

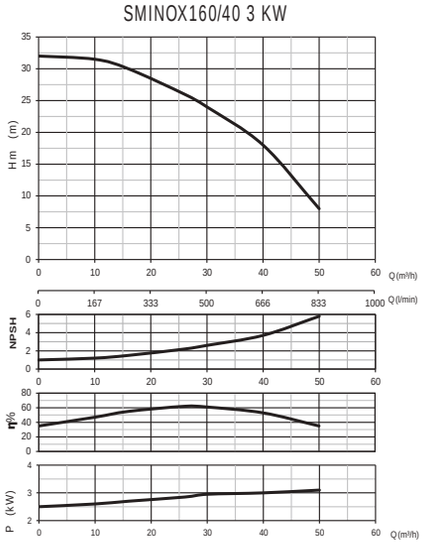
DIMENSIONS								
Type	L	L1	L2	L3	H	H1	W	W1
SMINOX160/40	527	305	222	80	292	132	240	244

Optionally, motors can be produced with Exproof or Frequency controlled.

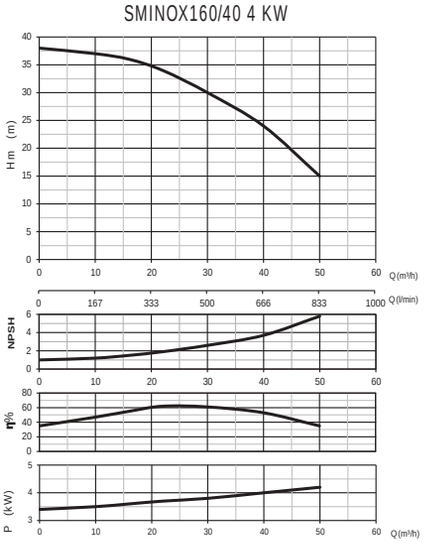




SMINOX160/40 3 KW



SMINOX160/40 4 KW



COMPLETELY STAINLESS STEEL, FLANGE CONNECTION, RIGID COUPLED CENTRIFUGAL PUMPS

New Product

SMINOX200/40



DEFINITION

Stainless body, closed impeller, rigid coupling and flange connected centrifugal pumps which produced completely AISI 316 stainless steel with EN 733 (DIN 24255) standards. Also designed with high hydraulic specifications options motor with exproof and frequency controlled.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps used in chemical industry, food industry, military industry, agriculture, treatment plant, marine which can maximum discharge the water up to 58 meters.

MATERIAL PROPERTIES

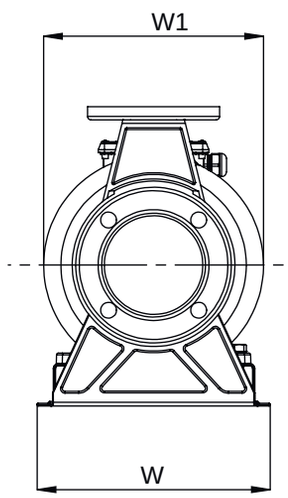
PUMP BODY	AISI 316 INOX
IMPELLER	AISI 316 INOX
SHAFT	AISI 316 INOX
FLOW RATE (max.)	60 m^3/hour
TOTAL HEAD (max.)	58 m
LIQUID PUMPING TEMPERATURE	-10°C - +110°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	9 bar

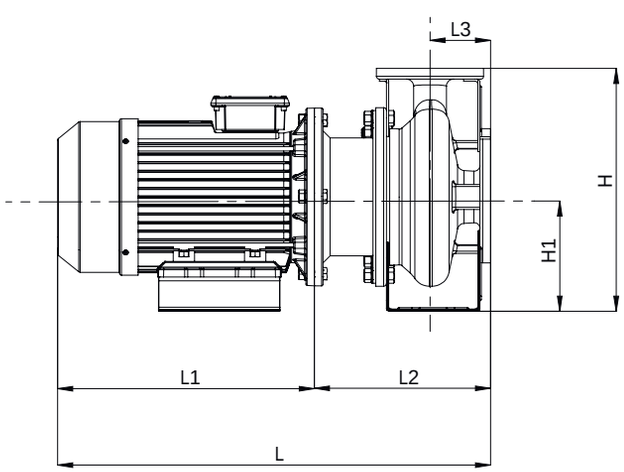
TECHNICAL SPECIFICATIONS

MOTOR							PUMP									
TYPE	KW	HP	V	Hz	A	rpm	Input	Output	KG	m³/h	10	20	25	35	45	50
SMINOX200/40	5.5	7.5	380	50	11.5	2900	DN65	DN40	75	mss	48	45	43	37	27	22
SMINOX200/40	7.5	10	380	50	15.5	2900	DN65	DN40	80		57	54	51	45	37	32

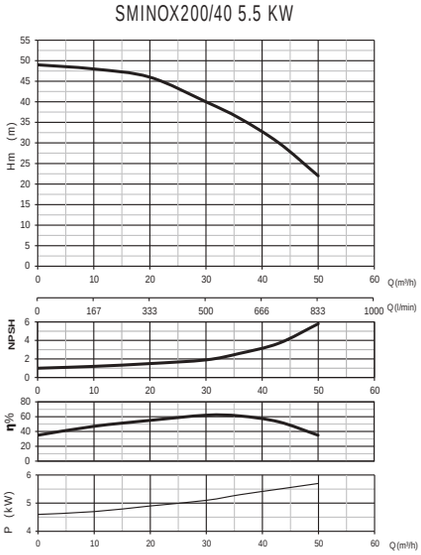
DIMENSIONS								
Type	L	L1	L2	L3	H	H1	W	W1
SMINOX200/40	644	379	265	100	340	160	300	265

Optionally, motors can be produced with Exproof or Frequency controlled.

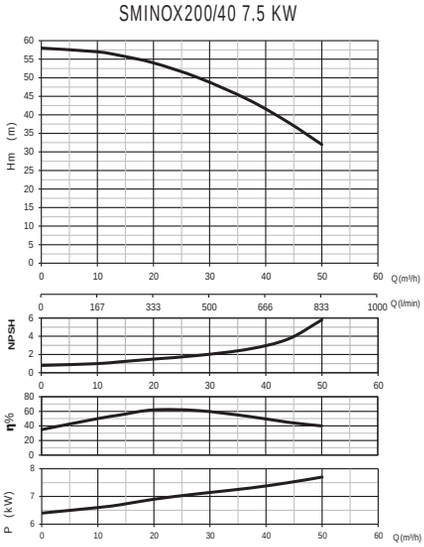




SMINOX200/40 5.5 KW



SMINOX200/40 7.5 KW



COMPLETELY STAINLESS STEEL, FLANGE CONNECTION, RIGID COUPLED CENTRIFUGAL PUMPS

New Product

SMINOX160/50



DEFINITION

Stainless body, closed impeller, rigid coupling and flange connected centrifugal pumps which produced completely AISI 316 stainless steel with EN 733 (DIN 24255) standards. Also designed with high hydraulic specifications options motor with exproof and frequency controlled.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps used in chemical industry, food industry, military industry, agriculture, treatment plant, marine which can maximum discharge the water up to 41 meters.

MATERIAL PROPERTIES

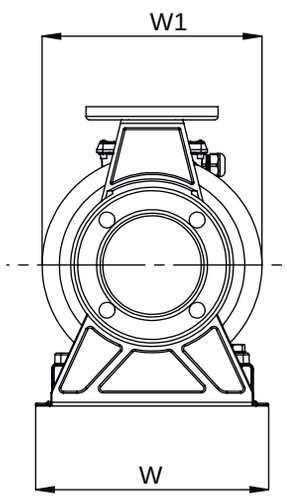
PUMP BODY	AISI 316 INOX
IMPELLER	AISI 316 INOX
SHAFT	AISI 316 INOX
FLOW RATE (max.)	90 m³/hour
TOTAL HEAD (max.)	41 m
LIQUID PUMPING TEMPERATURE	-10°C - +110°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	6 bar

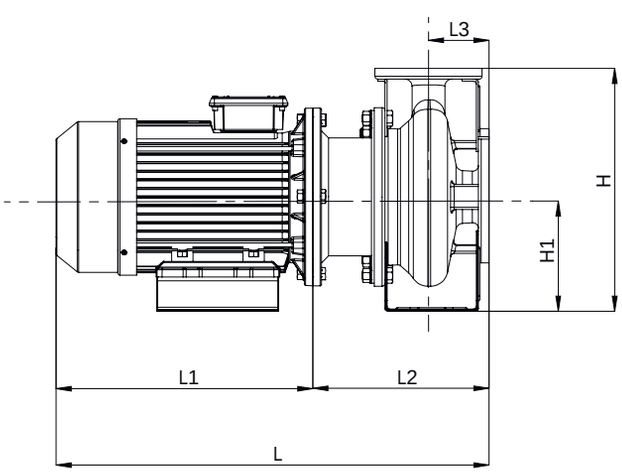
TECHNICAL SPECIFICATIONS

MOTOR							PUMP									
TYPE	KW	HP	V	Hz	A	rpm	Input	Output	KG	m³/h	20	40	60	80	100	120
SMINOX160/50	5.5	7.5	380	50	11.5	2900	DN65	DN50	75	mss	33	30	24	16	-	-
SMINOX160/50	7.5	10	380	50	15.5	2900	DN65	DN50	81		40	36	31	25	-	-

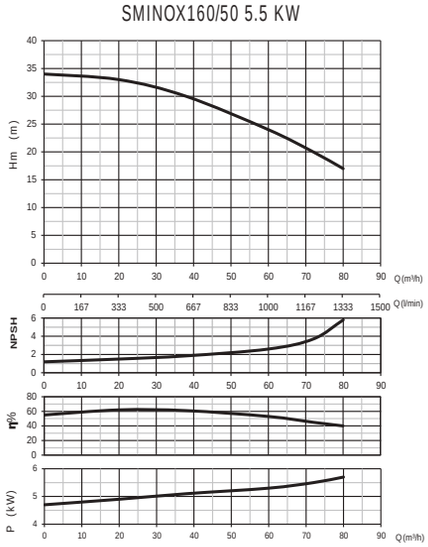
DIMENSIONS								
Type	L	L1	L2	L3	H	H1	W	W1
SMINOX160/50	644	379	265	100	340	160	300	265

Optionally, motors can be produced with Exproof or Frequency controlled.

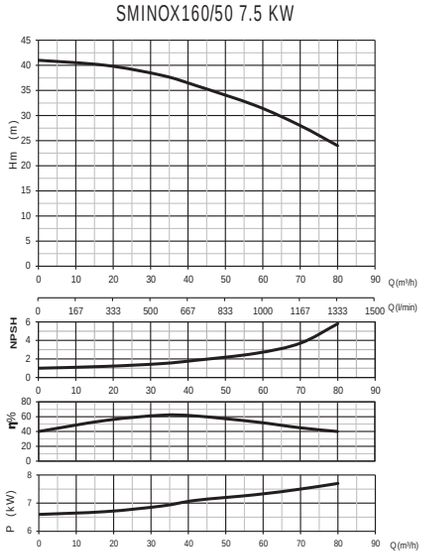




SMINOX160/50 5.5 KW



SMINOX160/50 7.5 KW



COMPLETELY STAINLESS STEEL, FLANGE CONNECTION, RIGID COUPLED CENTRIFUGAL PUMPS

New Product

SMINOX200/50



DEFINITION

Stainless body, closed impeller, rigid coupling and flange connected centrifugal pumps which produced completely AISI 316 stainless steel with EN 733 (DIN 24255) standards. Also designed with high hydraulic specifications options motor with exproof and frequency controlled.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps used in chemical industry, food industry, military industry, agriculture, treatment plant, marine which can maximum discharge the water up to 60 meters.

MATERIAL PROPERTIES

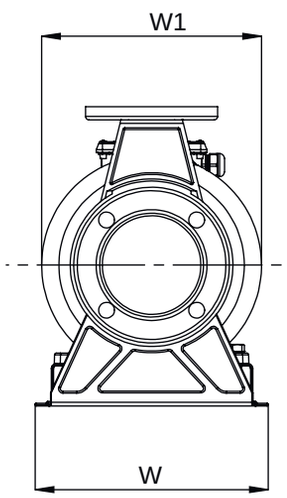
PUMP BODY	AISI 316 INOX
IMPELLER	AISI 316 INOX
SHAFT	AISI 316 INOX
FLOW RATE (max.)	90 m³/hour
TOTAL HEAD (max.)	60 m
LIQUID PUMPING TEMPERATURE	-10°C - +110°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	9 bar

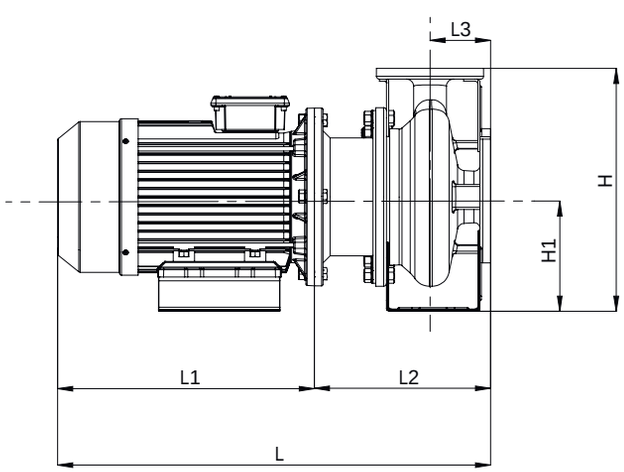
TECHNICAL SPECIFICATIONS

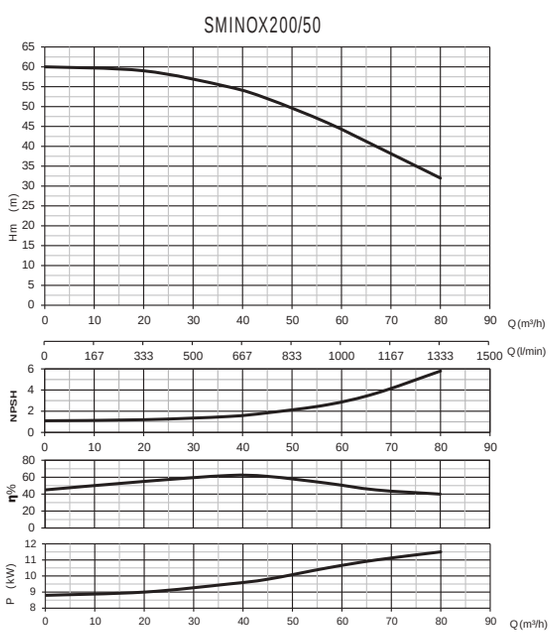
MOTOR							PUMP									
TYPE	KW	HP	V	Hz	A	rpm	Input	Output	KG	m³/h	20	40	60	80	100	120
										mss						
SMINOX200/50	11	15	380	50	23	2900	DN65	DN50	125		59	54	44	32	-	-

DIMENSIONS								
Type	L	L1	L2	L3	H	H1	W	W1
SMINOX200/50	792	494	298	100	360	160	300	265

Optionally, motors can be produced with Exproof or Frequency controlled.







COMPLETELY STAINLESS STEEL, FLANGE CONNECTION, RIGID COUPLED CENTRIFUGAL PUMPS

New Product

SMINOX160/65



DEFINITION

Stainless body, closed impeller, rigid coupling and flange connected centrifugal pumps which produced completely AISI 316 stainless steel with EN 733 (DIN 24255) standards. Also designed with high hydraulic specifications options motor with exproof and frequency controlled.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps used in chemical industry, food industry, military industry, agriculture, treatment plant, marine which can maximum discharge the water up to 27 meters.

MATERIAL PROPERTIES

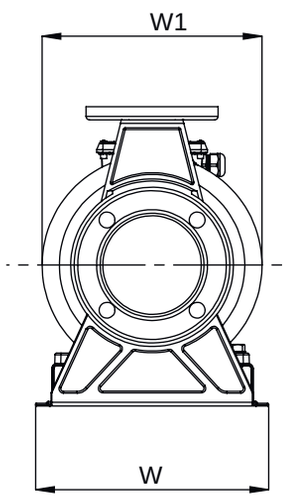
PUMP BODY	AISI 316 INOX
IMPELLER	AISI 316 INOX
SHAFT	AISI 316 INOX
FLOW RATE (max.)	130 m³/hour
TOTAL HEAD (max.)	27 m
LIQUID PUMPING TEMPERATURE	-10°C - +110°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	6 bar

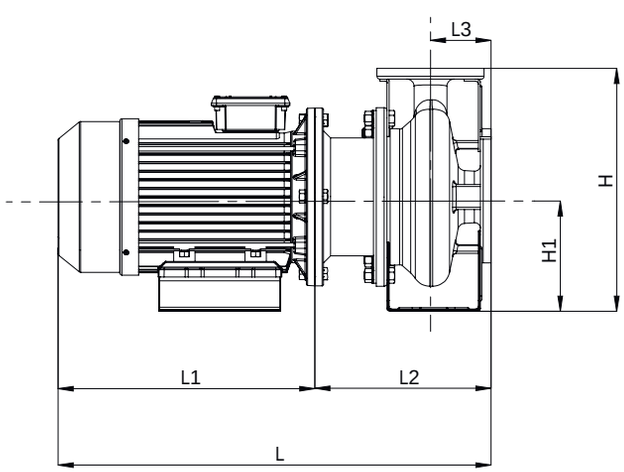
TECHNICAL SPECIFICATIONS

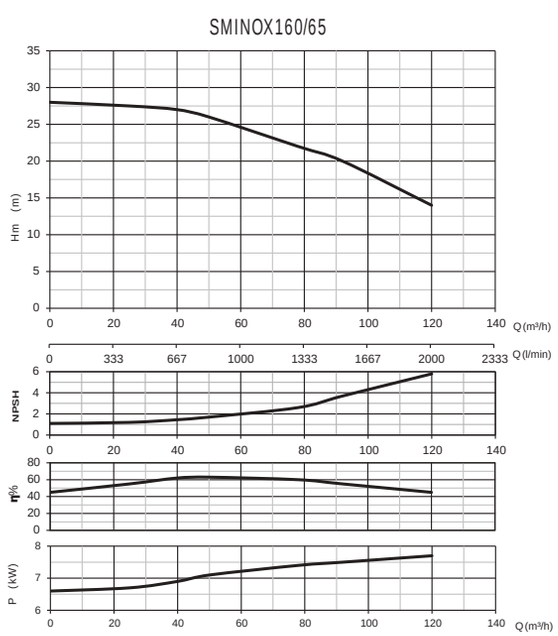
MOTOR							PUMP									
TYPE	KW	HP	V	Hz	A	rpm	Input	Output	KG	m³/h	20	40	60	80	100	120
SMINOX160/65	7.5	10	380	50	15.5	2900	DN80	DN65	93	mss	27	26	25	22	18	14

DIMENSIONS								
Type	L	L1	L2	L3	H	H1	W	W1
SMINOX160/65	800	495	305	100	340	160	300	280

Optionally, motors can be produced with Exproof or Frequency controlled.







TÜRK STANDARDLARI ENSTİTÜSÜ

TÜRK STANDARDLARINA UYGUNLUK BELGESİ

TURKISH STANDARDS INSTITUTION

CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS

Markanın Tanımı Description of the Mark

TSE veya/or  veya/or TSE

BELGE NUMARASI *REFERENCE NUMBER OF LICENCE*	0219761-TSE-04/02
BELGENİN İLK VERİLİŞ TARİHİ *DATE OF FIRST ISSUE OF LICENCE*	25.05.2021
BELGENİN SON GEÇERLİLİK TARİHİ *LICENCE VALID UNTIL*	12.12.2022
BELGE SAHİBİ KURULUŞUN ADI *NAME OF THE LICENCE HOLDER*	SUMAK POMPA ANONİM ŞİRKETİ
BELGE SAHİBİ KURULUŞUN ADRESİ *ADRESS OF THE LICENCE HOLDER*	ÇERKEŞLİOSB MAH. İMES-9 CAD. NO:14 DİLOVASI KOCAELİ/TÜRKİYE
ÜRETİM YERİ ADI *NAME OF THE MANUFACTURING PLACE*	SUMAK POMPA A.Ş.
ÜRETİM YERİ ADRESİ *ADRESS OF THE MANUFACTURING PLACE*	Çerkeşli OSB Mah. İMES - 9 Cad. No:14 Dilovası KOCAELİ / TÜRKİYE
İPTAL EDİLEN BELGE NUMARASI (Varsa) *INDICATION OF SUPERSEDED LICENCE (if any)*	0219761-TSE-04/01
TESCİLLİ TİCARİ MARKASI *REGISTERED TRADE MARK*	sumak
İLGİLİ TÜRK STANDARDI *RELATED TURKISH STANDARD*	TS EN 16297-1 / 29.04.2014

BELGE KAPSAMI
SCOPE OF LICENCE

TEK BAŞINA ÇALIŞAN SİRKÜLASYON POMPALARI
SSP INV MODEL
SICAK SU ISITMA SİSTEMLERİNDE KULLANILMASI AMAÇLANAN / KONUTLARDAKİ SICAK SU TESİSATLARINDA KULLANILMASI AMAÇLANAN / SOĞUTMA SİSTEMLERİNDE KULLANILMASI AMAÇLANAN
ÇOK HIZ KADEMELİ
SICAKLIK SINIFI TP 110
ENERJİ VERİMLİLİĞİ : SSP INV 50/15 ≤ 0,23
ENERJİ VERİMLİLİĞİ : SSP INV 40/15 ≤ 0,23 (29.11.2021 K.G.)

e-imzalıdır-signed

30.11.2021

Belgelendirme Merkezi Başkanı Adına
AHMET NURSİ KARTAL

TSE İSTANBUL BELGELENDİRME MÜDÜRÜ

*Bu belge, belgelendirilen ürünün, üretim yerinin Enstitümüzün belirlediği şartları karşıladığını da gösterir.
*Bu belge, hiç bir suretle tahrif edilemez, kısmen veya okunmasını zorlaştıracak şekilde çoğaltılamaz, kazıntı ve silinti yapılamaz.
*TSE İSTANBUL BELGELENDİRME MÜDÜRLÜĞÜ * Adres: Çayırova Tren İstasyonu Yanı ÇAYIROVA/GEBZE * Telefon: 2627231273* Faks: 2627231606
*TSE BELGELENDİRME MERKEZ BAŞKANLIĞI: Adres: Necatibey Cad. No:112 06100 Bakanlıklar/ANKARA – Telefon: 0 312 416 64 61 / 416 69 27, Faks:0 312 416 66 17 E-posta : bmb@tse.org.tr , web : www.tse.org.tr

https://evrakkontrol.tse.org.tr/BelgeDogrulama.aspx?p=ewwsayfy adresinden belgenin doğruluğunu ve geçerliliğini sorgulayınız.

SUMAK®

FREQUENCY CONTROLLED CIRCULATION PUMPS

Complies with the Regulations SGM-2011/15 and AB EC 641/2009

IDEAL PERFORMANCE EEI≤0,23



Ease of Installation
Sumak SSP INV Circulating pumps have junction box and connection socket for easy energy connection. In this way, it can be connected safely and in a short time without contacting electronic systems.

Communication
The RS 485, Modbus, mounted on the new SSP INV drive, allows easy connection to other pumps and building automation systems.

Comfortable Display
Thanks to the LED display, icons and numbers are easy to read even in low light conditions.

Maximum Safety
Alarm and error codes appear on the screen in case of an error.

ECM Motor Technology
Rotor equipped with permanent magnets + electronically controlled motor.



Silence
Sumak SSP INV Series Frequency Controlled Circulation Pumps have minimum vibration and noise levels during operation.

Full Motor Protection
The pump automatically shuts off when water is not present thanks to dry running protection as well as overload, low voltage.

4 Different Function Modes
Selectable operating modes for optimum load adaptation.

- Variable Pressure
- Constant Pressure
- Constant Speed
- Night Mode
- Differential Pressure (Optional)
- Differential Temperature (Optional)

Night Mode
Minimizes the energy consumption of the pump when the heating system is not operating.

General Specifications

Max Flow	:	45 m³/h
Max Liquid Press Length	:	12 m
Liquid Temperature	:	-10 °C - +110 °C
Max Operating Pressure	:	10 bar (PN 10)
Protecting Class	:	IP 44
Isolation Class	:	CLASS F
Pump Barrel	:	PİK GG25
Impeller	:	NORYL
Shaft	:	AISI 420

SaveEnergy

SSP-40/15 INV



* INTELLIGENT CIRCULATION PUMP WITH NEW GENERATION INTEGRATED FREQUENCY CONVERTER
* **EEI≤0,23**
* SUITABLE FOR BUILDING AUTOMATION
* MODBUS, RS 485 COMMUNICATION WITH BUILDING AUTOMATION
* ECM ENGINE TECHNOLOGY
* NIGHT MODE
* MAXIMUM SAFETY
* EASY TO INSTALL AND OPERATE
* LOW OPERATING COST
* OPTIONAL OPERATING WITH PRESSURE AND TEMPERATURE CONTROL

DEFINITION

Circulation pumps includes PN6/PN10 oval connection hole axis, suitable for flanges, can be make needed power with frequency controlled driven, constant pressure or manual operating which high efficiency.

USAGE AREAS

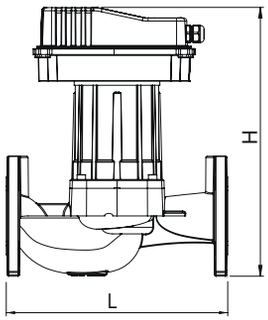
Circulation pumps can be safely used in closed circuit hot water heating systems, fan coil cooling systems, central heating and cooling systems such as hospitals, schools, intelligent buildings, greenhouses, farms, business centres.

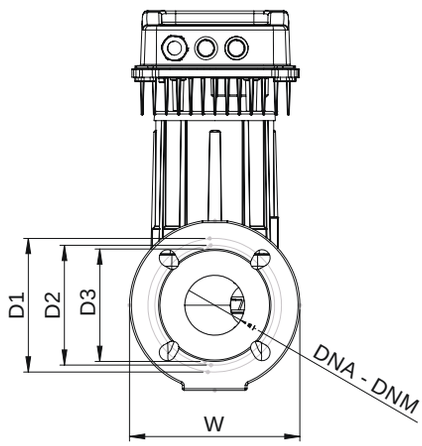
MATERIAL PROPERTIES

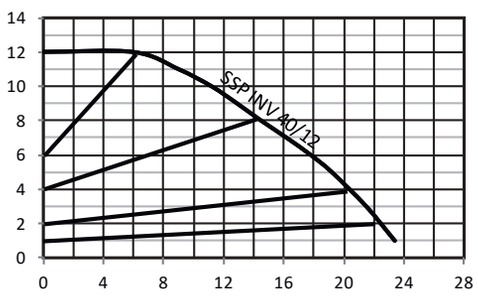
PUMP BODY	GG25 CAST IRON
IMPELLER	NORYL
SHAFT	AISI 420
FLOW RATE (max.)	26 m³/hour
TOTAL HEAD (max.)	15 m
LIQUID PUMPING TEMPERATURE	-10°C - +110°C
PROTECTION CLASS	IP 44
INSULATION CLASS	F
EFFICIENCY INDEX	EEI<0.23
PUMP DURABILITY PRESSURE (Pmax)	6-10 bar

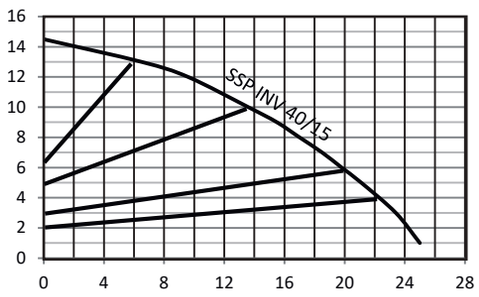
TECHNICAL SPECIFICATIONS

MOTOR							PUMP							
TYPE	Watt	Rpm	V	Hz	A	KG	L	W	D1	D2	D3	H	DNA	DNM
SSP-40/12 INV	40	1500	230	50	2.2	18.5	250	150	110	100	90	397	DN40	DN40
	500	4600												
SSP-40/15 INV	60	1500	230	50	2.6	18.5	250	150	110	100	90	397	DN40	DN40
	600	4600												







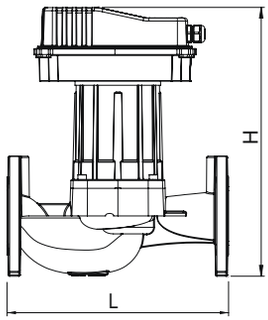


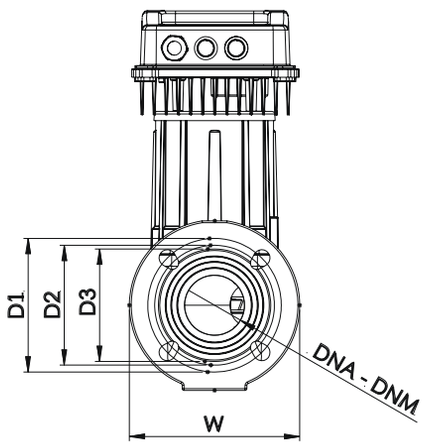
FREQUENCY CONTROLLED CIRCULATION PUMPS

SSP-50/15 INV



* INTELLIGENT CIRCULATION PUMP WITH NEW GENERATION INTEGRATED FREQUENCY CONVERTER
* **EEI≤0,23**
* SUITABLE FOR BUILDING AUTOMATION
* MODBUS, RS 485 COMMUNICATION WITH BUILDING AUTOMATION
* ECM ENGINE TECHNOLOGY
* NIGHT MODE
* MAXIMUM SAFETY
* EASY TO INSTALL AND OPERATE
* LOW OPERATING COST
* OPTIONAL OPERATING WITH PRESSURE AND TEMPERATURE CONTROL





DEFINITION

Circulation pumps includes PN6/PN10 oval connection hole axis, suitable for flanges, can be make needed power with frequency controlled driven, constant pressure or manual operating which high efficiency.

USAGE AREAS

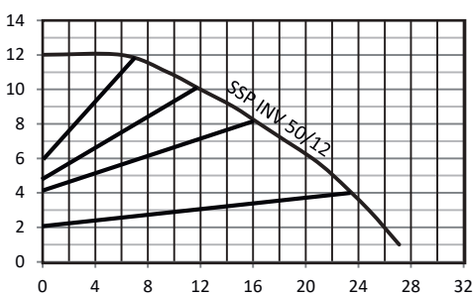
Circulation pumps can be safely used in closed circuit hot water heating systems, fan coil cooling systems, central heating and cooling systems such as hospitals, schools, intelligent buildings, greenhouses, farms, business centres.

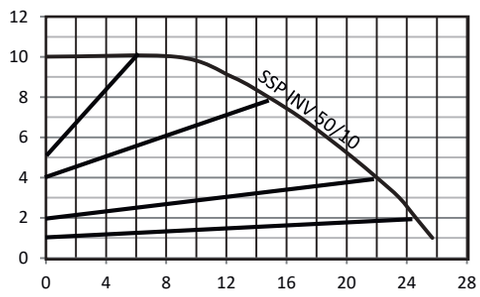
MATERIAL PROPERTIES

PUMP BODY	GG25 CAST IRON
IMPELLER	NORYL
SHAFT	AISI 420
FLOW RATE (max.)	30 m³/hour
TOTAL HEAD (max.)	15 m
LIQUID PUMPING TEMPERATURE	-10°C - +110°C
PROTECTION CLASS	IP 44
INSULATION CLASS	F
EFFICIENCY INDEX	EEI<0.23
PUMP DURABILITY PRESSURE (Pmax)	6-10 bar

TECHNICAL SPECIFICATIONS

MOTOR							PUMP							
TYPE	Watt	Rpm	V	Hz	A	KG	L	W	D1	D2	D3	H	DNA	DNM
SSP-50/10 INV	40	1500	230	50	2.2	19.5	280	165	125	110	105	404	DN50	DN50
	500	4600												
SSP-50/12 INV	60	1500	230	50	2.6	19.5	280	165	125	110	105	404	DN50	DN50
	600	4600												
SSP-50/15 INV	75	1500	230	50	3.3	19.5	280	165	125	110	105	404	DN50	DN50
	730	4600												







FREQUENCY CONTROLLED CIRCULATION PUMPS

SSP-65/12 INV



* INTELLIGENT CIRCULATION PUMP WITH NEW GENERATION INTEGRATED FREQUENCY CONVERTER
* **EEI≤0,23**
* SUITABLE FOR BUILDING AUTOMATION
* MODBUS, RS 485 COMMUNICATION WITH BUILDING AUTOMATION
* ECM ENGINE TECHNOLOGY
* NIGHT MODE
* MAXIMUM SAFETY
* EASY TO INSTALL AND OPERATE
* LOW OPERATING COST
* OPTIONAL OPERATING WITH PRESSURE AND TEMPERATURE CONTROL

DEFINITION

Circulation pumps includes PN6/PN10 oval connection hole axis, suitable for flanges, can be make needed power with frequency controlled driven, constant pressure or manual operating which high efficiency.

USAGE AREAS

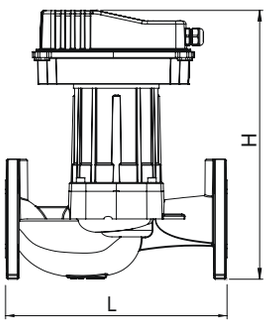
Circulation pumps can be safely used in closed circuit hot water heating systems, fan coil cooling systems, central heating and cooling systems such as hospitals, schools, intelligent buildings, greenhouses, farms, business centres.

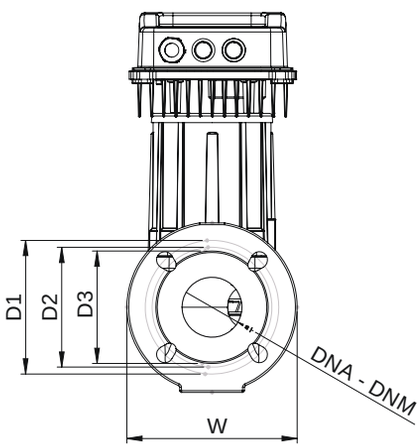
MATERIAL PROPERTIES

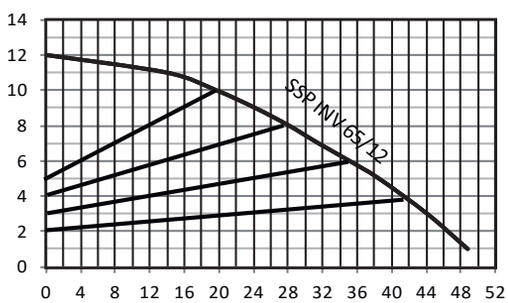
PUMP BODY	GG25 CAST IRON
IMPELLER	NORYL
SHAFT	AISI 420
FLOW RATE (max.)	48 m³/hour
TOTAL HEAD (max.)	12 m
LIQUID PUMPING TEMPERATURE	-10°C - +110°C
PROTECTION CLASS	IP 44
INSULATION CLASS	F
EFFICIENCY INDEX	EEI<0.23
PUMP DURABILITY PRESSURE (Pmax)	6-10 bar

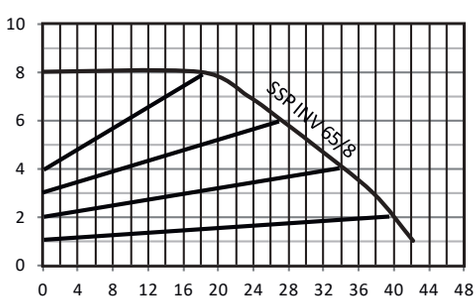
TECHNICAL SPECIFICATIONS

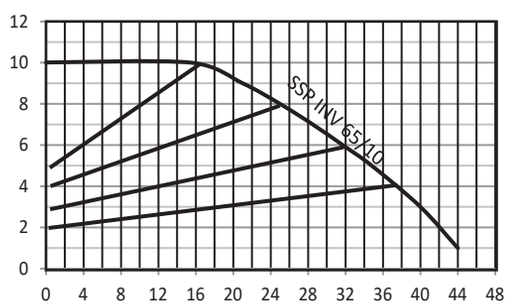
MOTOR							PUMP							
TYPE	Watt	Rpm	V	Hz	A	KG	L	W	D1	D2	D3	H	DNA	DNM
SSP-65/8 INV	60	1000	230	50	3	25	340	185	145	130	122	412	DN65	DN65
	680	3300												
SSP-65/10 INV	60	1000	230	50	3.6	25	340	185	145	130	122	412	DN65	DN65
	820	3300												
SSP-65/12 INV	80	1000	230	50	4	25	340	185	145	130	122	412	DN65	DN65
	920	3300												













DRAINAGE DIESEL

PUMP TYPE :SELF PRIMING
PUMP BODY :GG25 CASTING
PUMP SHAFT :AISI 304 INOX
MOTOR TYPE :AIR COOLING
FUEL TANK VOLUME :3.5 LT.
BATTERY :12 V 60 AH
WEIGHT :62 KG

DIESEL ENGINE MOTOPUMPS

TYPE	RPM	ENGINE POWER	OPERATING	INPUT	OUTPUT	Max m^3/h	Max mss	m^3/h	8	16	24	32	38
DSM300/2 D	3000	4 HP	Manual	2”	2”	38	24	mss	23	17	13	7	3

New Product



DRAINAGE DIESEL

PUMP TYPE :SELF PRIMING
PUMP BODY :GG25 CASTING
PUMP SHAFT :AISI 304 INOX
MOTOR TYPE :AIR COOLING
FUEL TANK VOLUME :6 LT.
BATTERY :12 V 60 AH
WEIGHT :118 KG

DIESEL ENGINE MOTOPUMPS

TYPE	RPM	ENGINE POWER	OPERATING	INPUT	OUTPUT	Max m^3/h	Max mss	m^3/h	10	20	30	40	50
DSMT750/3 D	3000	7.5 HP	Manual	3”	3”	65	32	mss	30	28	24	20	13



PUMP TYPE :END SUCTION
PUMP BODY :GG25 CASTING
PUMP SHAFT :AISI 304 INOX
MOTOR TYPE :AIR COOLING
FUEL TANK VOLUME :6 LT.
BATTERY :12 V 60 AH
WEIGHT :66 KG

DIESEL ENGINE MOTOPUMPS

TYPE	RPM	ENGINE POWER	OPERATING	INPUT	OUTPUT	Max m^3/h	Max mss	m^3/h	3	9	15	24	30
SMKT750/2 D	3000	7.5 HP	Manual	2”	2”	32	66	mss	65	63	59	46	30

New Product



PUMP TYPE :END SUCTION
PUMP BODY :GG25 CASTING
PUMP SHAFT :AISI 304 INOX
MOTOR TYPE :AIR COOLING
FUEL TANK VOLUME :6 LT
BATTERY :12 V 60 AH
WEIGHT :66 KG

DIESEL ENGINE MOTOPUMPS

TYPE	RPM	ENGINE POWER	OPERATING	INPUT	OUTPUT	Max m^3/h	Max mss	m^3/h	5	10	13	14	15
SMKT750 D	3000	7.5 HP	Manual	$1^{1/2}$	$1^{1/2}$	17	87	mss	82	79	70	63	51



PUMP TYPE :END SUCTION
PUMP BODY :GG25 CASTING
PUMP SHAFT :AISI 304 INOX
MOTOR TYPE :AIR COOLING
FUEL TANK VOLUME :6 LT.
BATTERY :12 V 60 AH
WEIGHT :98 KG

DIESEL ENGINE MOTOPUMPS

TYPE	RPM	ENGINE POWER	OPERATING	INPUT	OUTPUT	Max m^3/h	Max mss	m^3/h	25	35	45	55	65
SMT1000/3 D	3000	7.5 HP	Manual	3”	$2^{1/2}$	55	53	mss	49	42	33	-	-



PUMP TYPE :END SUCTION
PUMP BODY :GG25 CASTING
PUMP SHAFT :AISI 304 INOX
MOTOR TYPE :AIR COOLING
FUEL TANK VOLUME :6 LT.
BATTERY :12 V 60 AH
WEIGHT :92 KG

DIESEL ENGINE MOTOPUMPS

TYPE	RPM	ENGINE POWER	OPERATING	INPUT	OUTPUT	Max m^3/h	Max mss	m^3/h	60	73	83	100	120
SMT750/4 D	3000	7.5 HP	Manual	4”	4”	120	21.5	mss	20	18	16	12	6



PUMP TYPE :HORIZONTAL MULTI STAGE
PUMP BODY :GG25 CASTING
PUMP SHAFT :AISI 304 INOX
MOTOR TYPE :AIR COOLING
FUEL TANK VOLUME :6 LT.
BATTERY :12 V 60 AH
WEIGHT :178 KG

DIESEL ENGINE MOTOPUMPS

TYPE	RPM	ENGINE POWER	OPERATING	INPUT	OUTPUT	Max m^3/h	Max mss	m^3/h	6	8	10	12	16
SYT32/5 D	3000	7.5 HP	Manual	$1^{1/2}$	$1^{1/4}$	17	125	mss	122	121	118	110	88



PUMP TYPE :END SUCTION
PUMP BODY :GG25 CASTING
PUMP SHAFT :AISI 304 INOX
MOTOR TYPE :AIR COOLING
FUEL TANK VOLUME :3.5 LT.
BATTERY :12 V 60 AH
WEIGHT :62 KG

GASOLINE ENGINE MOTOPUMPS

TYPE	RPM	ENGINE POWER	OPERATING	INPUT	OUTPUT	Max m^3/h	Max mss	m^3/h	25	35	45	55	65
SMT550/3 B	3000	4 HP	Manual	3”	$2^{1/2}$	70	34	mss	32	30	27	22	15

SYM6 - 100/6

Shaft Housing

New Product



DEFINITION

Stainless steel body, horizontal multi stage pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps used in drip irrigation, industry, treatment plants, garden fountain systems, water parks, gas station and car washers supply needed to pressurized water which can maximum discharge the water up to 92 meters.

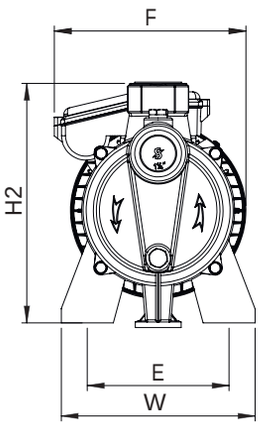
MATERIAL PROPERTIES

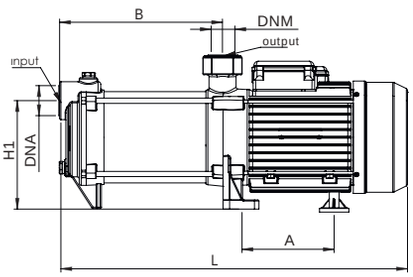
PUMP BODY	AISI 304 INOX
IMPELLER	NORYL
SHAFT	AISI 420
FLOW RATE (max.)	6 m³/hour
TOTAL HEAD (max.)	92 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	12 bar

TECHNICAL SPECIFICATIONS

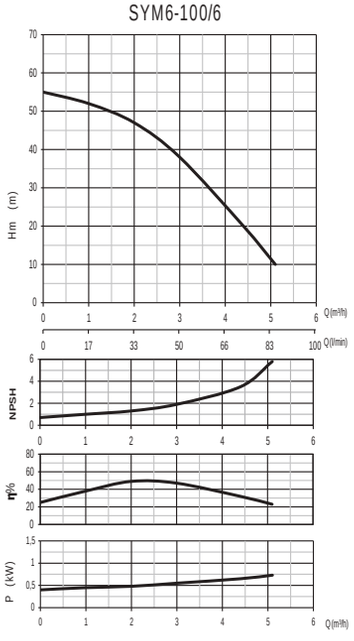
MOTOR											PUMP								
TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	Input Output	KG	m³/h	1	2	3	4	5
SYM6-100/6 SYMT6-100/6	0.75	1	220	380	50	5	2.4	2900	25	450	-	1 1/4 1"	16	mss	52	46	38	25	-
SYM6-150/8 SYMT6-150/8	1.1	1.5	220	380	50	5.5	2.8	2900	25	450	-	1 1/4 1"	17		65	60	48	32	10
SYMT6-180/10	1.35	1.8	-	380	50	-	3.2	2900	-	-	-	1 1/4 1"	18		77	68	55	37	10

DIMENSIONS										
Type	A	B	L	W	E	F	H1	H2	DNA	DNM
SYM6-100/6 SYMT6-100/6	94	248	457	190	139	179	142	207	G 1 1/4	G 1"
SYM6-150/8 SYMT6-150/8	94	296	505	190	139	179	142	207	G 1 1/4	G 1"
SYMT6-180/10	94	344	553	190	139	179	142	207	G 1 1/4	G 1"

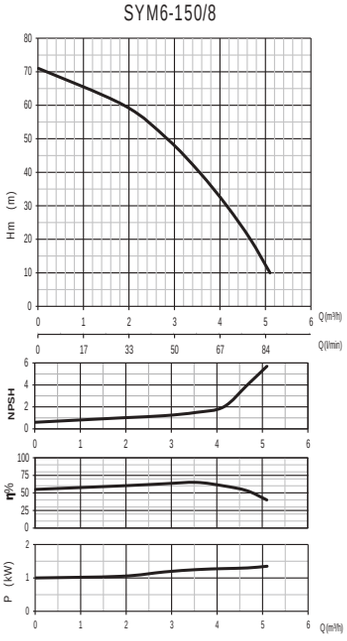




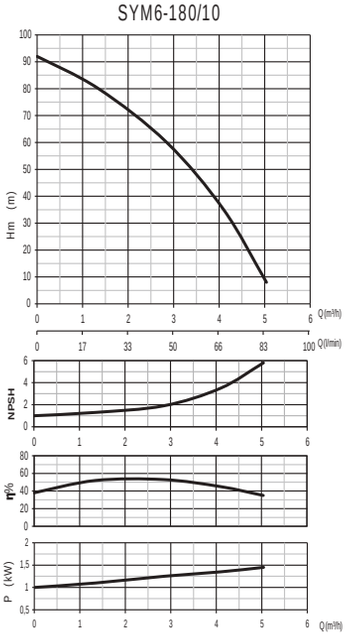
SYM6-100/6



SYM6-150/8



SYM6-180/10



SYM8-220/6



DEFINITION

Stainless steel body, horizontal multi stage pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps used in drip irrigation, industry, treatment plants, garden fountain systems, water parks, gas station and car washers supply needed to pressurized water which can maximum discharge the water up to 135 meters.

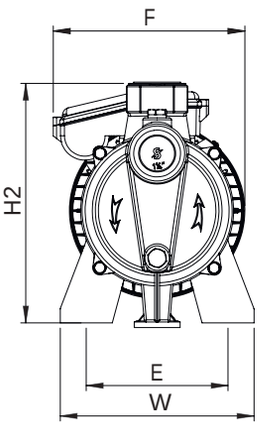
MATERIAL PROPERTIES

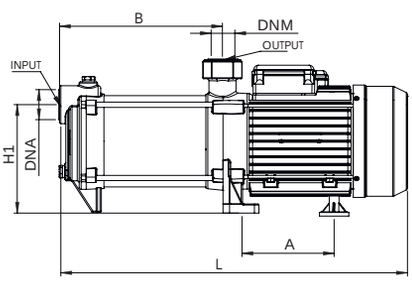
PUMP BODY	AISI 304 INOX
IMPELLER	NORYL
SHAFT	AISI 420
FLOW RATE (max.)	8 m³/hour
TOTAL HEAD (max.)	135 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	16 bar

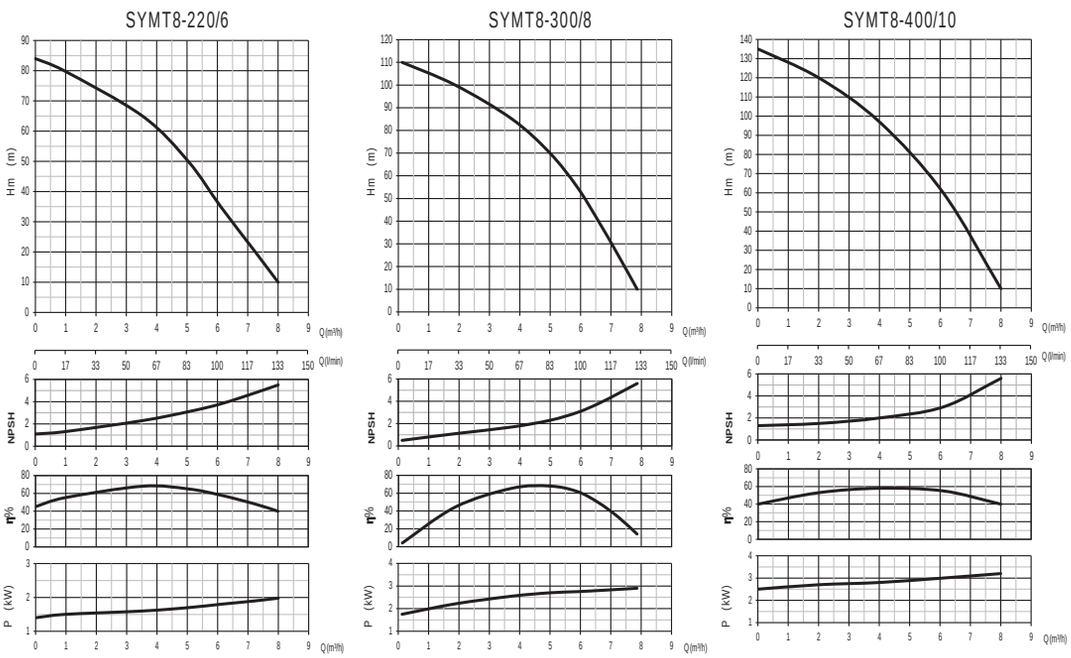
TECHNICAL SPECIFICATIONS

MOTOR												PUMP						
TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	Input Output	KG	m³/h	1	3	5	6	7
SYM8-220/6 SYMT8-220/6	1.6	2.2	220	380	50	10	4.8	2900	45	450	-	1 1/4 1 1/4	24.5	mss	84	74	55	45	30
SYM8-300/8 SYMT8-300/8	2.2	3	220	380	50	-	5.4	2900	50	450	-	1 1/4 1 1/4	25.5		105	92	70	55	35
SYMT8-400/10	3	4	-	380	50	-	6.4	2900	-	-	-	1 1/4 1 1/4	28		128	110	80	62	40

DIMENSIONS										
Type	A	B	L	W	E	F	H1	H2	DNA	DNM
SYM8-220/6 SYMT8-220/6	142	250	531	190	139	172	166	235	G 1 1/4	G 1 1/4
SYM8-300/8 SYMT8-300/8	142	296	580	190	139	172	166	235	G 1 1/4	G 1 1/4
SYMT8-400/10	142	343	626	190	139	172	166	235	G 1 1/4	G 1 1/4

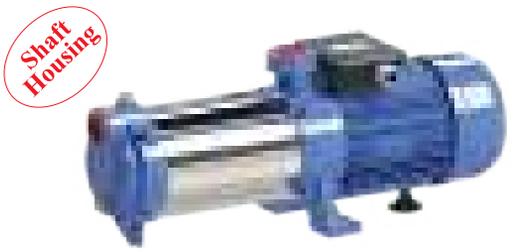






HORIZONTAL MULTI STAGE PUMPS

SYM12-220/4



DEFINITION

Stainless steel body, horizontal multi stage pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps used in drip irrigation, industry, treatment plants, garden fountain systems, water parks, gas station and car washers supply needed to pressurized water which can maximum discharge the water up to 96 meters.

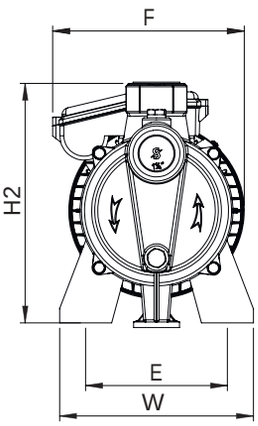
MATERIAL PROPERTIES

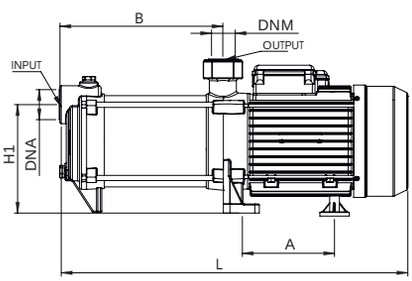
PUMP BODY	AISI 304 INOX
IMPELLER	NORYL
SHAFT	AISI 420
FLOW RATE (max.)	12 m³/hour
TOTAL HEAD (max.)	96 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	12 bar

TECHNICAL SPECIFICATIONS

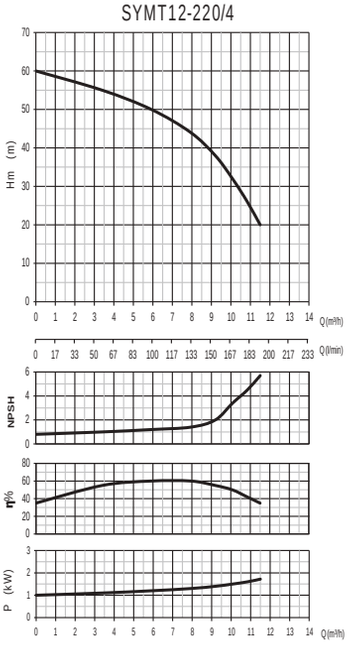
MOTOR											PUMP							
TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	Input Output	KG	m³/h	2	4	6	8	10
SYM12-220/4 SYMT12-220/4	1.6	2.2	220	380	50	11	5.5	2900	45	450	-	1 1/4 1 1/4	24	mss	57	53	50	43	32
SYM12-300/6 SYMT12-300/6	2.2	3	220	380	50	-	5.7	2900	50	450	-	1 1/4 1 1/4	25		78	72	63	53	38
SYMT12-400/7	3	4	-	380	50	-	6.4	2900	-	-	-	1 1/4 1 1/4	27		92	88	78	65	48

DIMENSIONS										
Type	A	B	L	W	E	F	H1	H2	DNA	DNM
SYM12-220/4 SYMT12-220/4	142	221	505	190	139	172	166	235	G 1 1/4	G 1 1/4
SYM12-300/6 SYMT12-300/6	142	278	560	190	139	172	166	235	G 1 1/4	G 1 1/4
SYMT12-400/7	142	306	590	190	139	172	166	235	G 1 1/4	G 1 1/4

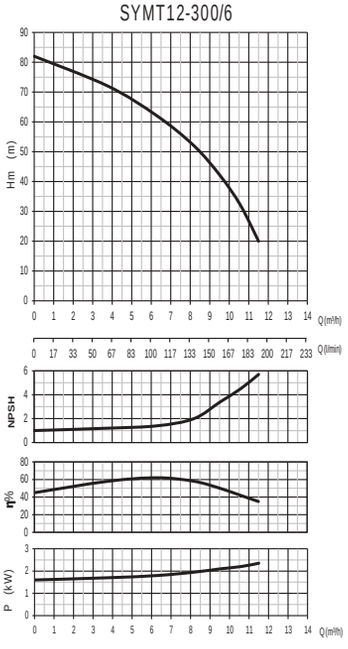




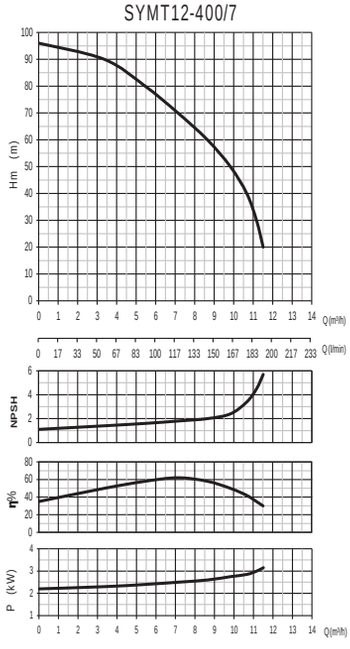
SYMT12-220/4



SYMT12-300/6



SYMT12-400/7



HORIZONTAL MULTI STAGE PUMPS 2900 RPM

SYT32





DEFINITION

Cast iron, horizontal multi stage pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps use in agricultural irrigation, supply of pressurized water, boiler feed, heating and cooling systems, industry, water transfer stations, treatment plants, booster systems, fire fighting systems and supply of clean water systems.

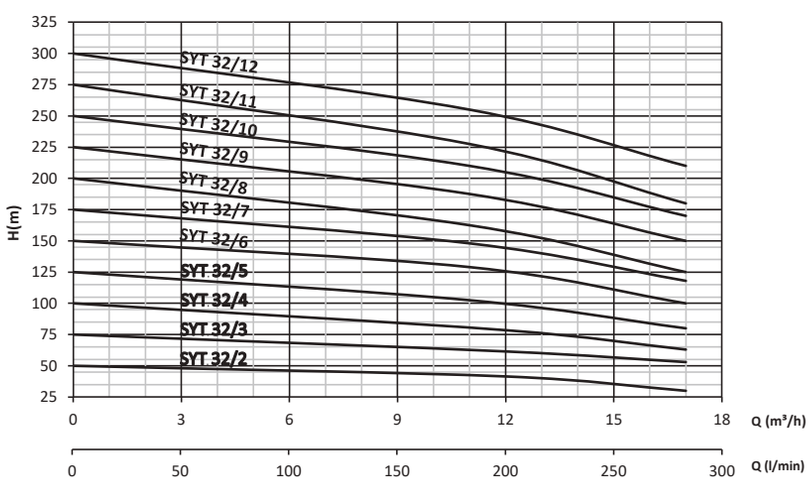
MATERIAL PROPERTIES

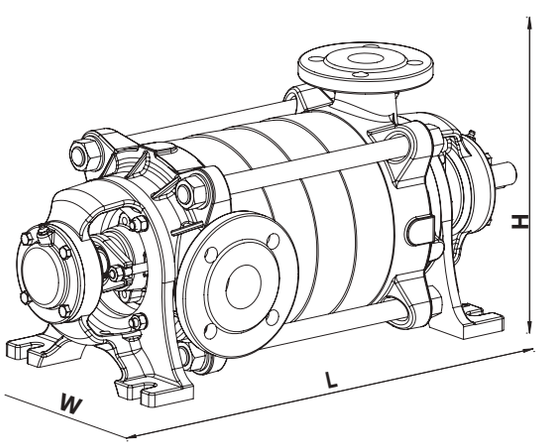
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	17 m³/hour
TOTAL HEAD (max.)	300 m
LIQUID PUMPING TEMPERATURE	0-45°C - (*120°C)
SEAL	GLAND PACKING / MECHANICAL SEAL
INPUT FLANGE	DN 40 PN 16
OUTPUT FLANGE	DN 32 PN 16
PUMP DURABILITY PRESSURE (Pmax)	30 bar

TECHNICAL SPECIFICATIONS

MOTOR					PUMP												
TYPE	KW	V	Hz	rpm	STAGE	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	6	8	10	12	16
SYT32/2	4	380	50	2900	2	DN40	DN32	285	520	284	45	mss	48	47	46	44	35
SYT32/3	5.5	380	50	2900	3	DN40	DN32	285	563	284	53		73	72	70	65	52
SYT32/4	5.5	380	50	2900	4	DN40	DN32	285	606	284	62		98	95	91	86	68
SYT32/5	7.5	380	50	2900	5	DN40	DN32	285	649	284	69		123	120	115	110	85
SYT32/6	11	380	50	2900	6	DN40	DN32	285	692	284	76		147	145	139	130	106
SYT32/7	11	380	50	2900	7	DN40	DN32	285	735	284	84		162	152	150	140	125
SYT32/8	11	380	50	2900	8	DN40	DN32	285	778	284	92		180	175	162	155	135
SYT32/9	15	380	50	2900	9	DN40	DN32	285	821	284	100		205	200	188	180	155
SYT32/10	15	380	50	2900	10	DN40	DN32	285	864	284	108		230	223	213	205	176
SYT32/11	18.5	380	50	2900	11	DN40	DN32	285	907	284	118		250	246	229	220	185
SYT32/12	18.5	380	50	2900	12	DN40	DN32	285	950	284	128		275	263	261	250	215

*Optionally, it can be used in hot water application up to 120°C.
NOTE: Measurements and weights in the table are belongs only to pump. (Except motor and chassis)





HORIZONTAL MULTI STAGE PUMPS 2900 RPM

SYT40





DEFINITION

Cast iron, horizontal multi stage pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps use in agricultural irrigation, supply of pressurized water, boiler feed, heating and cooling systems, industry, water transfer stations, treatment plants, booster systems, fire fighting systems and supply of clean water systems.

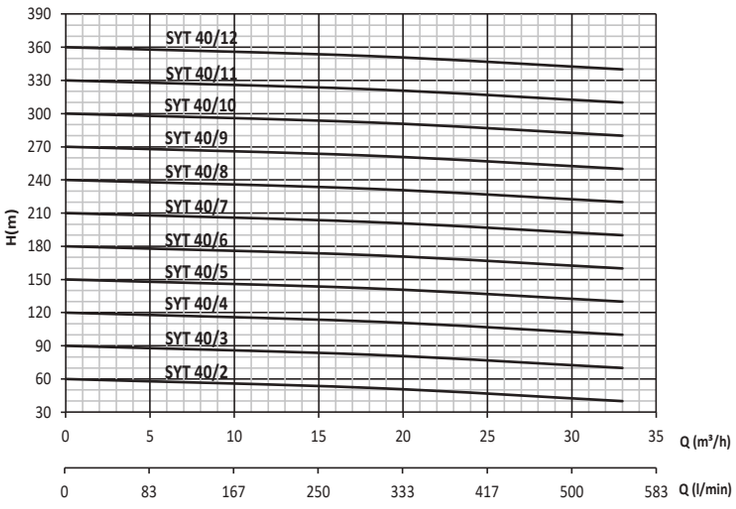
MATERIAL PROPERTIES

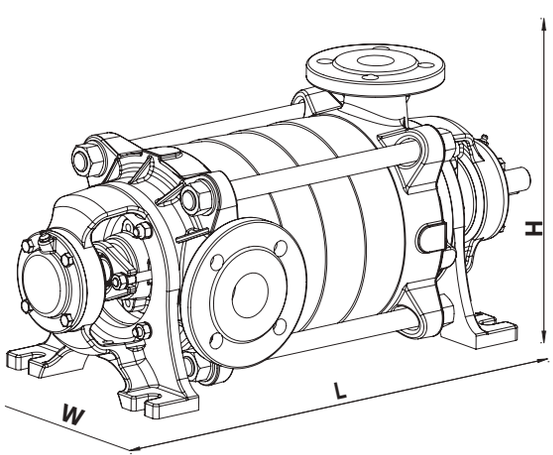
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	32 m³/hour
TOTAL HEAD (max.)	360 m
LIQUID PUMPING TEMPERATURE	0-45°C - (*120°C)
SEAL	GLAND PACKING / MECHANICAL SEAL
INPUT FLANGE	DN 50 PN 16
OUTPUT FLANGE	DN 40 PN 16
PUMP DURABILITY PRESSURE (Pmax)	30 bar

TECHNICAL SPECIFICATIONS

MOTOR					PUMP												
TYPE	KW	V	Hz	rpm	STAGE	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	10	15	20	25	30
SYT40/2	7.5	380	50	2900	2	DN50	DN40	335	536	335	55	mss	55	52	50	48	42
SYT40/3	11	380	50	2900	3	DN50	DN40	335	591	335	65		85	82	80	78	72
SYT40/4	15	380	50	2900	4	DN50	DN40	335	646	335	75		115	112	110	108	102
SYT40/5	18.5	380	50	2900	5	DN50	DN40	335	701	335	85		145	142	140	138	132
SYT40/6	22	380	50	2900	6	DN50	DN40	335	756	335	96		175	172	170	168	162
SYT40/7	30	380	50	2900	7	DN50	DN40	335	811	335	106.5		205	202	200	198	192
SYT40/8	30	380	50	2900	8	DN50	DN40	335	866	335	118		235	232	230	228	222
SYT40/9	37	380	50	2900	9	DN50	DN40	335	921	335	129.5		265	262	260	258	252
SYT40/10	45	380	50	2900	10	DN50	DN40	335	976	335	141		295	292	290	288	282
SYT40/11	45	380	50	2900	11	DN50	DN40	335	1031	335	153.5		325	322	320	318	312
SYT40/12	55	380	50	2900	12	DN50	DN40	335	1086	335	165		355	352	350	348	342

*Optionally, it can be used in hot water application up to 120°C.
NOTE: Measurements and weights in the table are belongs only to pump. (Except motor and chassis)





HORIZONTAL MULTI STAGE PUMPS 2900 RPM

SYT50





DEFINITION

Cast iron, horizontal multi stage pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps use in agricultural irrigation, supply of pressurized water, boiler feed, heating and cooling systems, industry, water transfer stations, treatment plants, booster systems, fire fighting systems and supply of clean water systems.

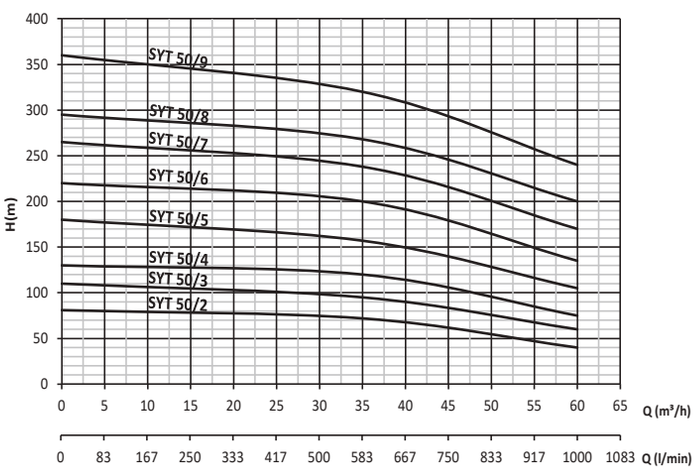
MATERIAL PROPERTIES

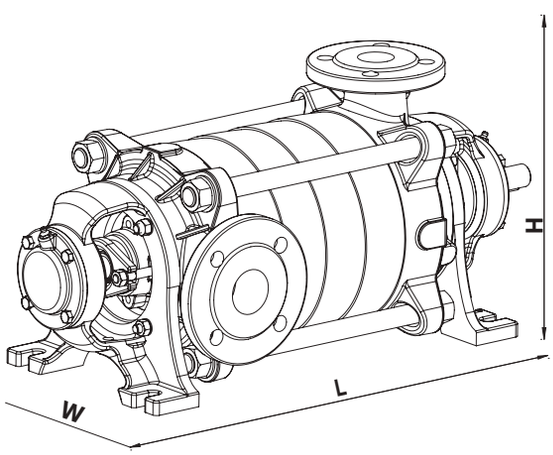
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	60 m³/hour
TOTAL HEAD (max.)	360 m
LIQUID PUMPING TEMPERATURE	0-45°C - (*120°C)
SEAL	GLAND PACKING / MECHANICAL SEAL
INPUT FLANGE	DN 65 PN 16
OUTPUT FLANGE	DN 50 PN 16
PUMP DURABILITY PRESSURE (Pmax)	30 bar

TECHNICAL SPECIFICATIONS

MOTOR					PUMP											
TYPE	KW	V	Hz	rpm	STAGE	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	35	40	45	50
SYT50/2	15	380	50	2900	2	DN65	DN50	350	581	350	94	mss	72	65	60	50
SYT50/3	18.5	380	50	2900	3	DN65	DN50	350	643	350	112		95	87	80	75
SYT50/4	22	380	50	2900	4	DN65	DN50	350	705	350	130		120	110	100	85
SYT50/5	30	380	50	2900	5	DN65	DN50	350	767	350	148		157	150	145	139
SYT50/6	37	380	50	2900	6	DN65	DN50	350	829	350	166		200	192	182	170
SYT50/7	45	380	50	2900	7	DN65	DN50	350	891	350	185		238	230	218	205
SYT50/8	55	380	50	2900	8	DN65	DN50	350	953	350	203		268	260	250	236
SYT50/9	75	380	50	2900	9	DN65	DN50	350	1015	350	222		320	310	298	280

*Optionally, it can be used in hot water application up to 120°C.
NOTE: Measurements and weights in the table are belongs only to pump. (Except motor and chassis)





HORIZONTAL MULTI STAGE PUMPS 2900 RPM

SYT65





DEFINITION

Cast iron, horizontal multi stage pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps use in agricultural irrigation, supply of pressurized water, boiler feed, heating and cooling systems, industry, water transfer stations, treatment plants, booster systems, fire fighting systems and supply of clean water systems.

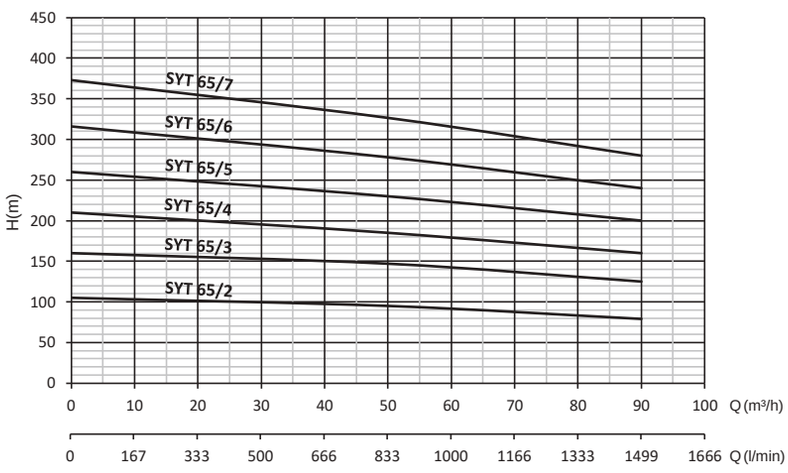
MATERIAL PROPERTIES

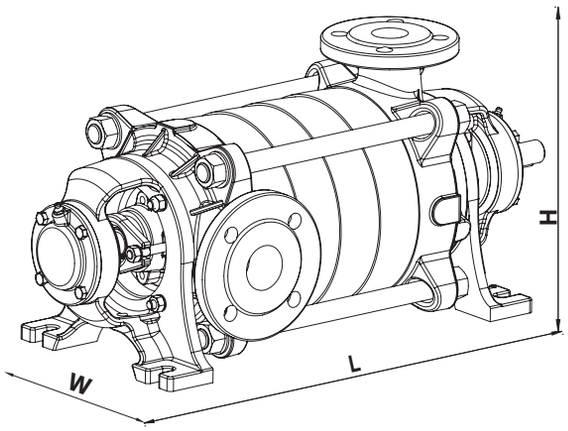
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	90 m³/hour
TOTAL HEAD (max.)	365 m
LIQUID PUMPING TEMPERATURE	0-45°C - (*120°C)
SEAL	GLAND PACKING / MECHANICAL SEAL
INPUT FLANGE	DN 80 PN 16
OUTPUT FLANGE	DN 65 PN 16
PUMP DURABILITY PRESSURE (Pmax)	30 bar

TECHNICAL SPECIFICATIONS

MOTOR					PUMP											
TYPE	KW	V	Hz	rpm	STAGE	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	60	70	80	90
SYT65/2	37	380	50	2900	2	DN80	DN65	395	644	395	110	mss	100	91	88	84
SYT65/3	55	380	50	2900	3	DN80	DN65	395	715	395	132		150	142	138	137
SYT65/4	75	380	50	2900	4	DN80	DN65	395	786	395	154		190	175	166	160
SYT65/5	90	380	50	2900	5	DN80	DN65	395	857	395	176		240	218	210	200
SYT65/6	110	380	50	2900	6	DN80	DN65	395	928	395	198		290	260	250	240
SYT65/7	110	380	50	2900	7	DN80	DN65	395	999	395	220		340	302	290	280

*Optionally, it can be used in hot water application up to 120°C.
NOTE: Measurements and weights in the table are belongs only to pump. (Except motor and chassis)





HORIZONTAL MULTI STAGE PUMPS 2900 RPM

SYT80





DEFINITION

Cast iron, horizontal multi stage pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps use in agricultural irrigation, supply of pressurized water, boiler feed, heating and cooling systems, industry, water transfer stations, treatment plants, booster systems, fire fighting systems and supply of clean water systems.

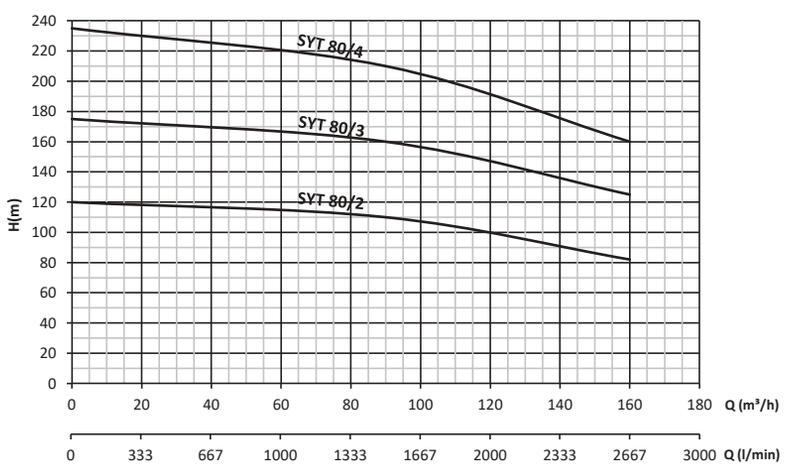
MATERIAL PROPERTIES

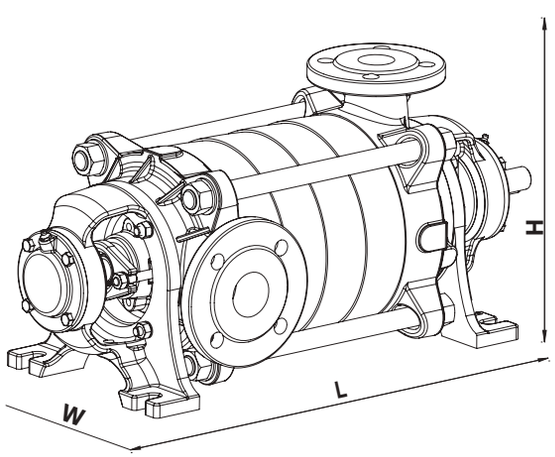
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	160 m³/hour
TOTAL HEAD (max.)	235 m
LIQUID PUMPING TEMPERATURE	0-45°C - (*120°C)
SEAL	GLAND PACKING / MECHANICAL SEAL
INPUT FLANGE	DN 100 PN 16
OUTPUT FLANGE	DN 80 PN 16
PUMP DURABILITY PRESSURE (Pmax)	30 bar

TECHNICAL SPECIFICATIONS

MOTOR					PUMP											
TYPE	KW	V	Hz	rpm	STAGE	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	100	120	140	160
SYT80/2	55	380	50	2900	2	DN100	DN80	475	766	475	152	mss	108	100	90	80
SYT80/3	90	380	50	2900	3	DN100	DN80	475	849	475	183		157	147	135	125
SYT80/4	110	380	50	2900	4	DN100	DN80	475	932	475	214		205	191	175	160

*Optionally, it can be used in hot water application up to 120°C.
NOTE: Measurements and weights in the table are belongs only to pump. (Except motor and chassis)





HORIZONTAL MULTI STAGE END SUCTION PUMPS 2900 RPM

SYT32/2E





DEFINITION

Cast iron, horizontal multi stage end suction pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps suitable for non corrosive fluids, low viscosity and density fluids without solid and soft particles because of the eliminate the elbow loses. Also use in agricultural irrigation, supply of pressurized water, boiler feed, heating and cooling systems, industry, water transfer stations, treatment plants, booster systems, fire fighting systems and supply of clean water systems.

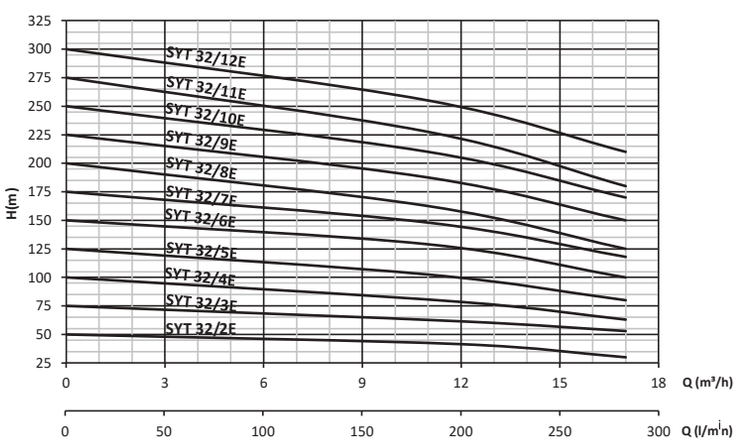
MATERIAL PROPERTIES

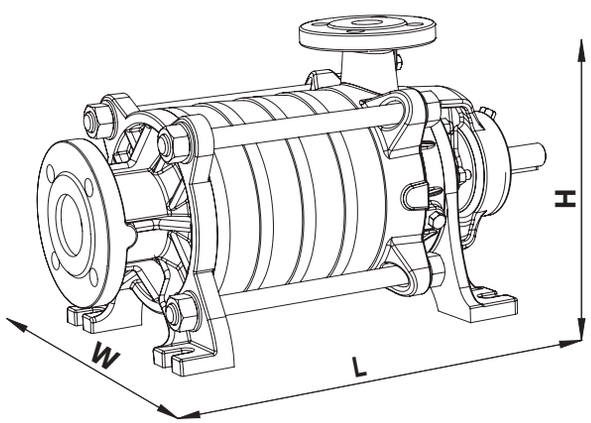
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	17 m³/hour
TOTAL HEAD (max.)	300 m
LIQUID PUMPING TEMPERATURE	0-45°C - (*120°C)
SEAL	GLAND PACKING / MECHANICAL SEAL
INPUT FLANGE	DN 50 PN 16
OUTPUT FLANGE	DN 32 PN 16
PUMP DURABILITY PRESSURE (Pmax)	30 bar

TECHNICAL SPECIFICATIONS

MOTOR					PUMP												
TYPE	KW	V	Hz	rpm	STAGE	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	6	8	10	12	16
SYT32/2E	4	380	50	2900	2	DN50	DN32	260	416	297	45	mss	48	42	46	44	35
SYT32/3E	5.5	380	50	2900	3	DN50	DN32	260	464	297	53		73	72	70	65	52
SYT32/4E	5.5	380	50	2900	4	DN50	DN32	260	512	297	61		98	95	91	86	68
SYT32/5E	7.5	380	50	2900	5	DN50	DN32	260	560	297	69		123	120	115	110	85
SYT32/6E	11	380	50	2900	6	DN50	DN32	260	608	297	77		147	145	139	130	106
SYT32/7E	11	380	50	2900	7	DN50	DN32	260	656	297	85		162	152	150	140	125
SYT32/8E	11	380	50	2900	8	DN50	DN32	260	704	297	93		180	175	162	155	135
SYT32/9E	15	380	50	2900	9	DN50	DN32	260	752	297	101		205	200	188	180	155
SYT32/10E	15	380	50	2900	10	DN50	DN32	260	800	297	109		230	223	213	205	176
SYT32/11E	18.5	380	50	2900	11	DN50	DN32	260	848	297	117		250	246	229	220	185
SYT32/12E	18.5	380	50	2900	12	DN50	DN32	260	896	297	125		275	263	261	250	215

*Optionally, it can be used in hot water application up to 120°C.
NOTE: Measurements and weights in the table are belongs only to pump. (Except motor and chassis)





HORIZONTAL MULTI STAGE END SUCTION PUMPS 2900 RPM

SYT40/2E





DEFINITION

Cast iron, horizontal multi stage end suction pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps suitable for non corrosive fluids, low viscosity and density fluids without solid and soft particles because of the eliminate the elbow loses. Also use in agricultural irrigation, supply of pressurized water, boiler feed, heating and cooling systems, industry, water transfer stations, treatment plants, booster systems, fire fighting systems and supply of clean water systems.

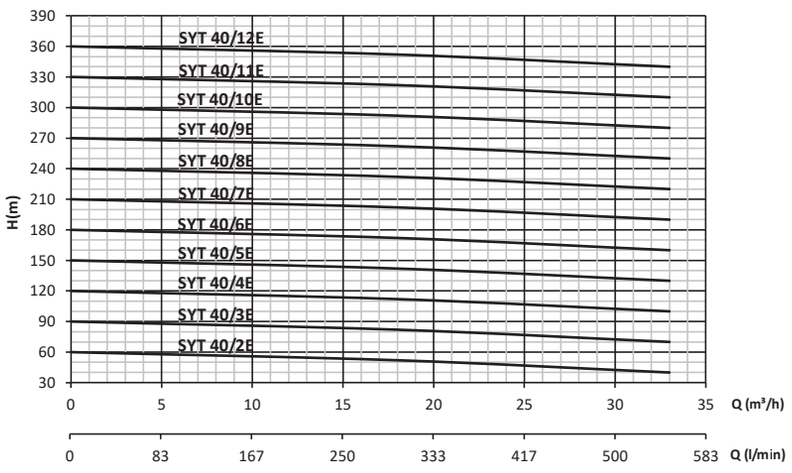
MATERIAL PROPERTIES

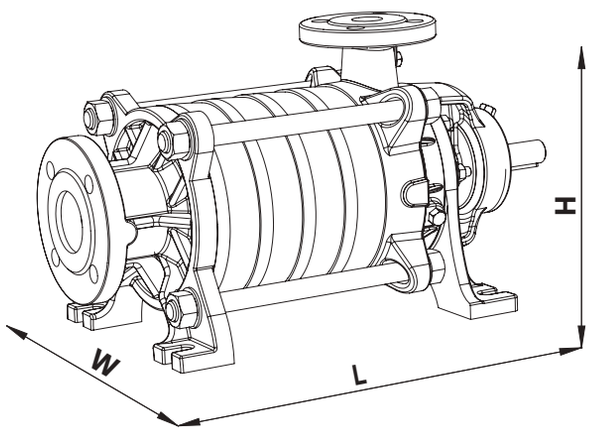
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	32 m³/hour
TOTAL HEAD (max.)	360 m
LIQUID PUMPING TEMPERATURE	0-45°C - (*120°C)
SEAL	GLAND PACKING / MECHANICAL SEAL
INPUT FLANGE	DN 65 PN 16
OUTPUT FLANGE	DN 40 PN 16
PUMP DURABILITY PRESSURE (Pmax)	30 bar

TECHNICAL SPECIFICATIONS

MOTOR					PUMP												
TYPE	KW	V	Hz	rpm	STAGE	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	10	15	20	25	30
SYT40/2E	7.5	380	50	2900	2	DN65	DN40	260	440	305	51	mss	55	52	50	48	42
SYT40/3E	11	380	50	2900	3	DN65	DN40	260	495	305	61		85	82	80	78	72
SYT40/4E	15	380	50	2900	4	DN65	DN40	260	550	305	71		115	112	110	108	102
SYT40/5E	18.5	380	50	2900	5	DN65	DN40	260	605	305	82		145	142	140	138	132
SYT40/6E	22	380	50	2900	6	DN65	DN40	260	660	305	92		175	172	170	168	162
SYT40/7E	30	380	50	2900	7	DN65	DN40	260	715	305	103		205	202	200	198	192
SYT40/8E	30	380	50	2900	8	DN65	DN40	260	770	305	113		235	232	230	228	222
SYT40/9E	37	380	50	2900	9	DN65	DN40	260	825	305	124		265	262	260	258	252
SYT40/10E	45	380	50	2900	10	DN65	DN40	260	880	305	134		295	292	290	288	282
SYT40/11E	45	380	50	2900	11	DN65	DN40	260	935	305	145		325	322	320	318	312
SYT40/12E	55	380	50	2900	12	DN65	DN40	260	990	305	155		355	252	250	348	342

*Optionally, it can be used in hot water application up to 120°C.
NOTE: Measurements and weights in the table are belongs only to pump. (Except motor and chassis)





HORIZONTAL MULTI STAGE END SUCTION PUMPS 2900 RPM

SYT50/2E





DEFINITION

Cast iron, horizontal multi stage end suction pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps suitable for non corrosive fluids, low viscosity and density fluids without solid and soft particles because of the eliminate the elbow loses. Also use in agricultural irrigation, supply of pressurized water, boiler feed, heating and cooling systems, industry, water transfer stations, treatment plants, booster systems, fire fighting systems and supply of clean water systems.

MATERIAL PROPERTIES

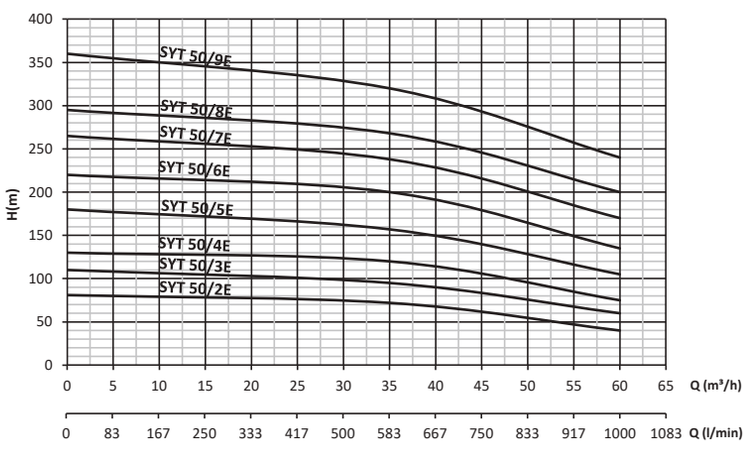
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	60 m³/hour
TOTAL HEAD (max.)	360 m
LIQUID PUMPING TEMPERATURE	0-45°C - (*120°C)
SEAL	GLAND PACKING / MECHANICAL SEAL
INPUT FLANGE	DN 80 PN 16
OUTPUT FLANGE	DN 50 PN 16
PUMP DURABILITY PRESSURE (Pmax)	30 bar

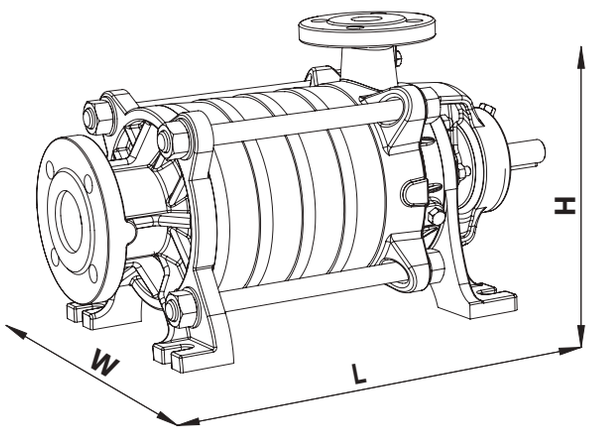
TECHNICAL SPECIFICATIONS

MOTOR					PUMP											
TYPE	KW	V	Hz	rpm	STAGE	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	35	40	45	50
SYT50/2E	15	380	50	2900	2	DN80	DN50	330	493	370	80	mss	72	65	60	50
SYT50/3E	18.5	380	50	2900	3	DN80	DN50	330	560	370	98		95	78	80	75
SYT50/4E	22	380	50	2900	4	DN80	DN50	330	627	370	116		120	110	100	85
SYT50/5E	30	380	50	2900	5	DN80	DN50	330	694	370	134		157	150	145	139
SYT50/6E	37	380	50	2900	6	DN80	DN50	330	761	370	152		200	192	182	170
SYT50/7E	45	380	50	2900	7	DN80	DN50	330	828	370	170		238	230	218	205
SYT50/8E	55	380	50	2900	8	DN80	DN50	330	895	370	188		268	260	250	236
SYT50/9E	75	380	50	2900	9	DN80	DN50	330	962	370	206		320	310	298	280

*Optionally, it can be used in hot water application up to 120°C.

NOTE: Measurements and weights in the table are belongs only to pump. (Except motor and chassis)





HORIZONTAL MULTI STAGE END SUCTION PUMPS 2900 RPM

SYT65/2E





DEFINITION

Cast iron, horizontal multi stage end suction pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps suitable for non corrosive fluids, low viscosity and density fluids without solid and soft particles because of the eliminate the elbow loses. Also use in agricultural irrigation, supply of pressurized water, boiler feed, heating and cooling systems, industry, water transfer stations, treatment plants, booster systems, fire fighting systems and supply of clean water systems.

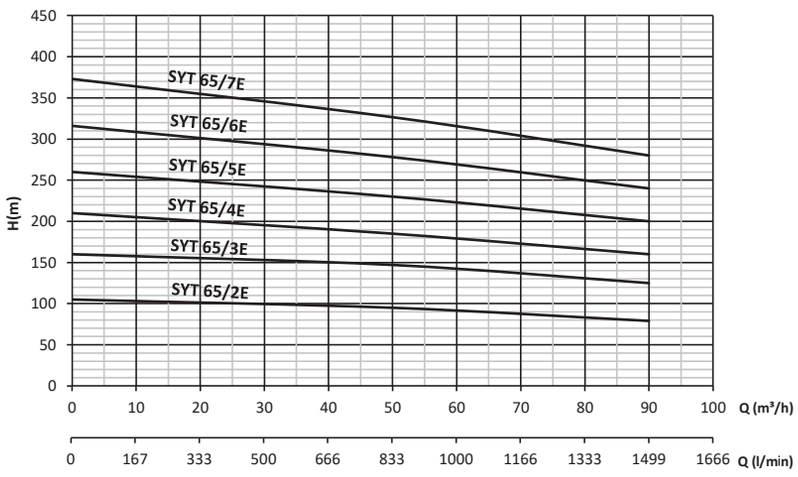
MATERIAL PROPERTIES

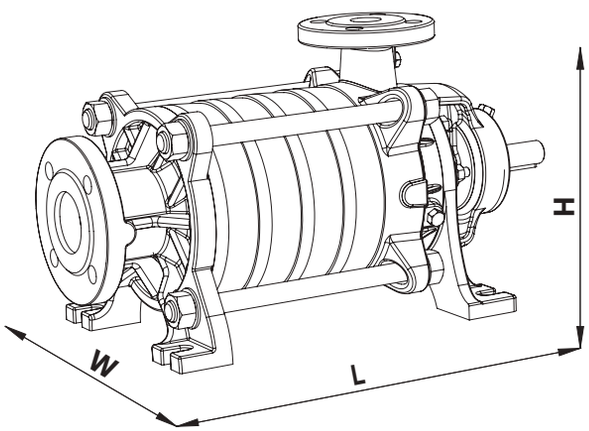
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	90 m³/hour
TOTAL HEAD (max.)	365 m
LIQUID PUMPING TEMPERATURE	0-45°C - (*120°C)
SEAL	GLAND PACKING / MECHANICAL SEAL
INPUT FLANGE	DN 100 PN 16
OUTPUT FLANGE	DN 65 PN 16
PUMP DURABILITY PRESSURE (Pmax)	30 bar

TECHNICAL SPECIFICATIONS

MOTOR					PUMP											
TYPE	KW	V	Hz	rpm	STAGE	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	35	70	80	90
SYT65/2E	37	380	50	2900	2	DN100	DN65	395	554	395	93	mss	100	91	88	84
SYT65/3E	55	380	50	2900	3	DN100	DN65	395	625	395	116		150	142	138	137
SYT65/4E	75	380	50	2900	4	DN100	DN65	395	696	395	138		190	175	166	160
SYT65/5E	90	380	50	2900	5	DN100	DN65	395	767	395	161		240	218	210	200
SYT65/6E	110	380	50	2900	6	DN100	DN65	395	838	395	183		290	260	250	240
SYT65/7E	110	380	50	2900	7	DN100	DN65	395	909	395	206		340	302	290	280

* Optionally, it can be used in hot water application up to 120°C.
NOTE: Measurements and weights in the table are belongs only to pump. (Except motor and chassis)





HORIZONTAL MULTI STAGE PUMPS 1450 RPM

SYT32





DEFINITION

Cast iron, horizontal multi stage pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps use in agricultural irrigation, supply of pressurized water, boiler feed, heating and cooling systems, industry, water transfer stations, treatment plants, booster systems, fire fighting systems and supply of clean water systems.

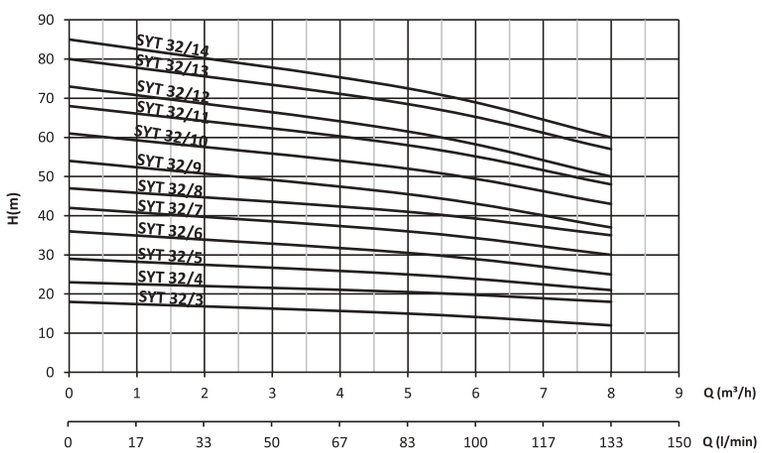
MATERIAL PROPERTIES

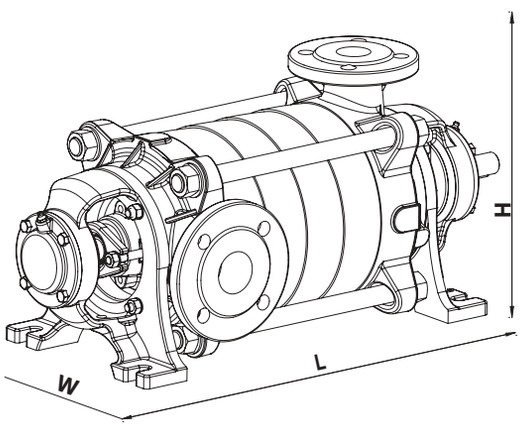
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	8 m³/hour
TOTAL HEAD (max.)	85 m
LIQUID PUMPING TEMPERATURE	0-45°C - (*120°C)
SEAL	GLAND PACKING / MECHANICAL SEAL
INPUT FLANGE	DN 40 PN 16
OUTPUT FLANGE	DN 32 PN 16
PUMP DURABILITY PRESSURE (Pmax)	30 bar

TECHNICAL SPECIFICATIONS

MOTOR					PUMP												
TYPE	KW	V	Hz	rpm	STAGE	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	4	5	6	7	8
SYT32/3	0.75	380	50	1450	3	DN40	DN32	285	563	284	53	mss	15	14	13.5	12	11
SYT32/4	1.1	380	50	1450	4	DN40	DN32	285	606	284	62		21	20	19.5	19	18
SYT32/5	1.1	380	50	1450	5	DN40	DN32	285	649	284	69		26	25	24	22	21
SYT32/6	1.5	380	50	1450	6	DN40	DN32	285	692	284	76		31	30	29	28	26
SYT32/7	1.5	380	50	1450	7	DN40	DN32	285	735	284	84		36	35	34.5	32	30
SYT32/8	2.2	380	50	1450	8	DN40	DN32	285	778	284	92		42	41	39.5	38	35
SYT32/9	2.2	380	50	1450	9	DN40	DN32	285	821	284	100		47	45	44	40	38
SYT32/10	2.2	380	50	1450	10	DN40	DN32	285	864	284	108		54	52	49.5	45	42
SYT32/11	3	380	50	1450	11	DN40	DN32	285	907	284	118		60	58	55	51	48
SYT32/12	3	380	50	1450	12	DN40	DN32	285	950	284	128		63	61	57	53	50
SYT32/13	3	380	50	1450	13	DN40	DN32	285	993	284	138		71	68	65	60	57
SYT32/14	4	380	50	1450	14	DN40	DN32	285	1036	284	147		75	71	69	64	60

*Optionally, it can be used in hot water application up to 120°C.
NOTE: Measurements and weights in the table are belongs only to pump. (Except motor and chassis)





HORIZONTAL MULTI STAGE PUMPS 1450 RPM

SYT40





DEFINITION

Cast iron, horizontal multi stage pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps use in agricultural irrigation, supply of pressurized water, boiler feed, heating and cooling systems, industry, water transfer stations, treatment plants, booster systems, fire fighting systems and supply of clean water systems.

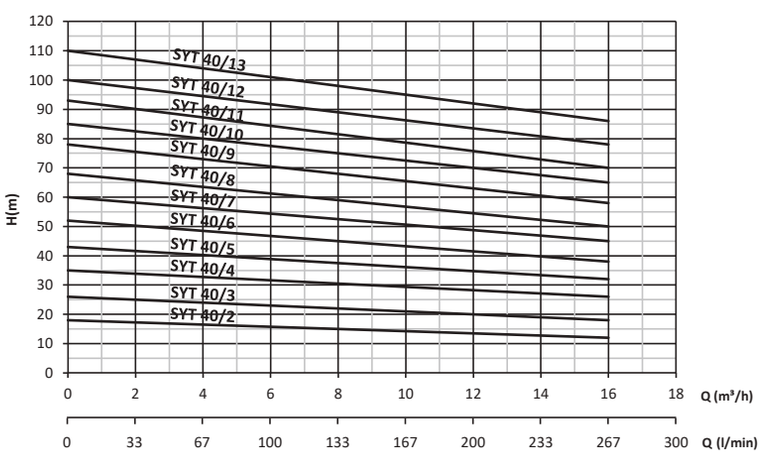
MATERIAL PROPERTIES

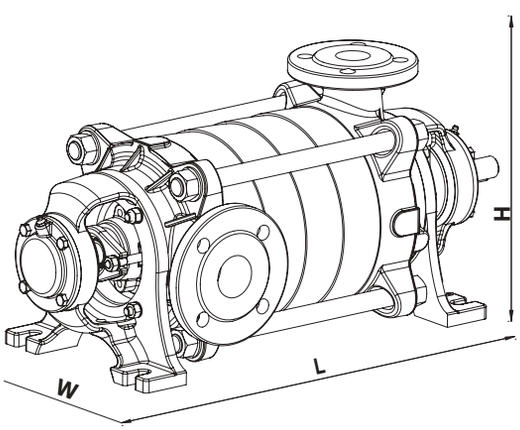
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	16 m³/hour
TOTAL HEAD (max.)	110 m
LIQUID PUMPING TEMPERATURE	0-45°C - (*120°C)
SEAL	GLAND PACKING / MECHANICAL SEAL
INPUT FLANGE	DN 50 PN 16
OUTPUT FLANGE	DN 40 PN 16
PUMP DURABILITY PRESSURE (Pmax)	30 bar

TECHNICAL SPECIFICATIONS

MOTOR					PUMP												
TYPE	KW	Hz	V	rpm	STAGE	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	8	10	12	14	16
SYT40/2	1.1	50	380	1450	2	DN50	DN40	335	536	335	55	mss	15	14	13	12	11
SYT40/3	1.5	50	380	1450	3	DN50	DN40	335	591	335	65		21	20	19.5	18	17
SYT40/4	2.2	50	380	1450	4	DN50	DN40	335	646	335	75		30	29	28	27	25
SYT40/5	3	50	380	1450	5	DN50	DN40	335	701	335	85.5		37	35	34.5	32	31
SYT40/6	3	50	380	1450	6	DN50	DN40	335	756	335	96		45	43	41	40	39
SYT40/7	4	50	380	1450	7	DN50	DN40	335	811	335	106.5		52	50	48	46	45
SYT40/8	4	50	380	1450	8	DN50	DN40	335	866	335	118		59	56	54.5	51	50
SYT40/9	5.5	50	380	1450	9	DN50	DN40	335	921	335	129.5		67	65	63	60	58
SYT40/10	5.5	50	380	1450	10	DN50	DN40	335	976	335	141		75	72	70	68	65
SYT40/11	5.5	50	380	1450	11	DN50	DN40	335	1031	335	153.5		81	78	75	74	74
SYT40/12	7.5	50	380	1450	12	DN50	DN40	335	1086	335	165		89	85	83	80	78
SYT40/13	7.5	50	380	1450	13	DN50	DN40	335	1141	335	177		98	95	91	89	86

*Optionally, it can be used in hot water application up to 120°C.
NOTE: Measurements and weights in the table are belongs only to pump. (Except motor and chassis)





HORIZONTAL MULTI STAGE PUMPS 1450 RPM

SYT50





DEFINITION

Cast iron, horizontal multi stage pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps use in agricultural irrigation, supply of pressurized water, boiler feed, heating and cooling systems, industry, water transfer stations, treatment plants, booster systems, fire fighting systems and supply of clean water systems.

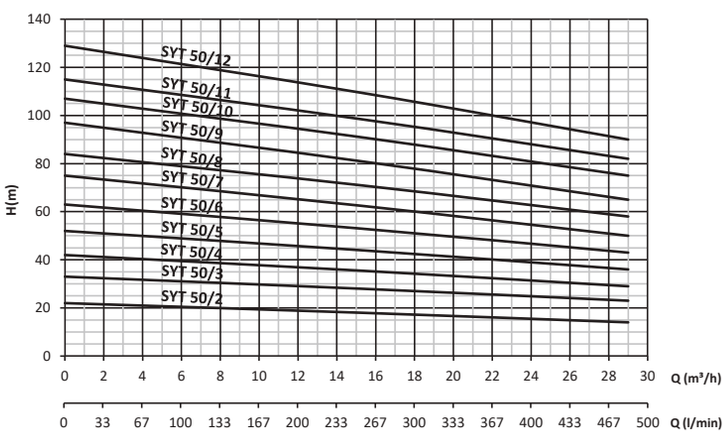
MATERIAL PROPERTIES

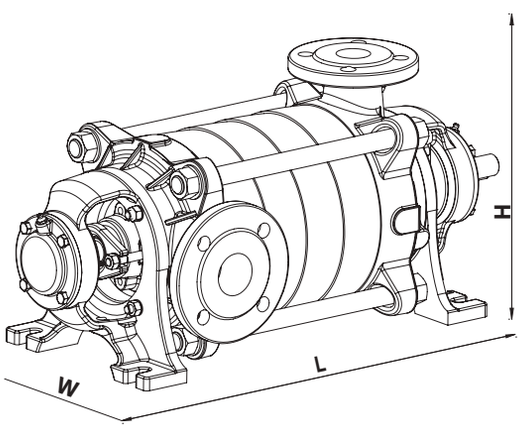
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	29 m³/hour
TOTAL HEAD (max.)	130 m
LIQUID PUMPING TEMPERATURE	0-45°C - (*120°C)
SEAL	GLAND PACKING / MECHANICAL SEAL
INPUT FLANGE	DN 65 PN 16
OUTPUT FLANGE	DN 50 PN 16
PUMP DURABILITY PRESSURE (Pmax)	30 bar

TECHNICAL SPECIFICATIONS

MOTOR					PUMP											
TYPE	KW	V	Hz	rpm	STAGE	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	19	22	25	28
SYT50/2	2.2	380	50	1450	2	DN65	DN50	350	581	350	94	mss	16	15.5	15	14.5
SYT50/3	3	380	50	1450	3	DN65	DN50	350	643	350	112		26	25	24.5	22
SYT50/4	4	380	50	1450	4	DN65	DN50	350	705	350	130		34	32	30	29
SYT50/5	5.5	380	50	1450	5	DN65	DN50	350	767	350	148		42	40	37	36
SYT50/6	5.5	380	50	1450	6	DN65	DN50	350	829	350	166		50	48	45	43
SYT50/7	7.5	380	50	1450	7	DN65	DN50	350	891	350	185		59	56	54	50
SYT50/8	7.5	380	50	1450	8	DN65	DN50	350	953	350	203		67	65	62	59
SYT50/9	11	380	50	1450	9	DN65	DN50	350	1015	350	222		76	73	70	66
SYT50/10	11	380	50	1450	10	DN65	DN50	350	1077	350	240		86	83	79	75
SYT50/11	11	380	50	1450	11	DN65	DN50	350	1139	350	259		94	90	86	82
SYT50/12	11	380	50	1450	12	DN65	DN50	350	1201	350	277		105	100	95	91

*Optionally, it can be used in hot water application up to 120°C.
NOTE: Measurements and weights in the table are belongs only to pump. (Except motor and chassis)





HORIZONTAL MULTI STAGE PUMPS 1450 RPM

SYT65





DEFINITION

Cast iron, horizontal multi stage pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps use in agricultural irrigation, supply of pressurized water, boiler feed, heating and cooling systems, industry, water transfer stations, treatment plants, booster systems, fire fighting systems and supply of clean water systems.

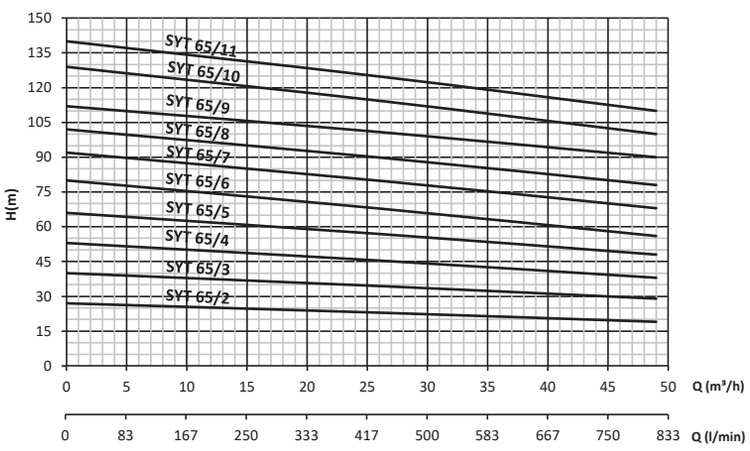
MATERIAL PROPERTIES

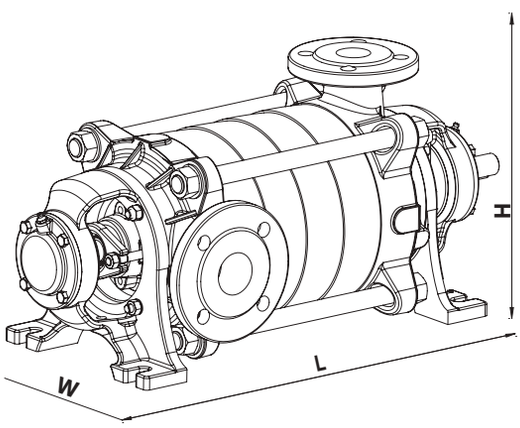
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	49 m³/hour
TOTAL HEAD (max.)	140 m
LIQUID PUMPING TEMPERATURE	0-45°C - (*120°C)
SEAL	GLAND PACKING / MECHANICAL SEAL
INPUT FLANGE	DN 80 PN 16
OUTPUT FLANGE	DN 65 PN 16
PUMP DURABILITY PRESSURE (Pmax)	30 bar

TECHNICAL SPECIFICATIONS

MOTOR					PUMP											
TYPE	KW	V	Hz	rpm	STAGE	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	34	39	44	49
SYT65/2	4	380	50	1450	2	DN80	DN65	395	644	395	110	mss	20	21	20	19
SYT65/3	5.5	380	50	1450	3	DN80	DN65	395	715	395	132		32	31	30	29
SYT65/4	11	380	50	1450	4	DN80	DN65	395	786	395	154		42	41	40	39
SYT65/5	11	380	50	1450	5	DN80	DN65	395	857	395	176		55	52	50	49
SYT65/6	15	380	50	1450	6	DN80	DN65	395	928	395	198		64	60	57	55
SYT65/7	15	380	50	1450	7	DN80	DN65	395	999	395	220		75	72	70	67
SYT65/8	18.5	380	50	1450	8	DN80	DN65	395	1070	395	242		85	83	80	77
SYT65/9	18.5	380	50	1450	9	DN80	DN65	395	1141	395	263		97	95	92	90
SYT65/10	22	380	50	1450	10	DN80	DN65	395	1212	395	286		110	105	102	100
SYT65/11	22	380	50	1450	11	DN80	DN65	395	1283	395	308		120	115	115	110

*Optionally, it can be used in hot water application up to 120°C.
NOTE: Measurements and weights in the table are belongs only to pump. (Except motor and chassis)





HORIZONTAL MULTI STAGE PUMPS 1450 RPM

SYT80





DEFINITION

Cast iron, horizontal multi stage pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps use in agricultural irrigation, supply of pressurized water, boiler feed, heating and cooling systems, industry, water transfer stations, treatment plants, booster systems, fire fighting systems and supply of clean water systems.

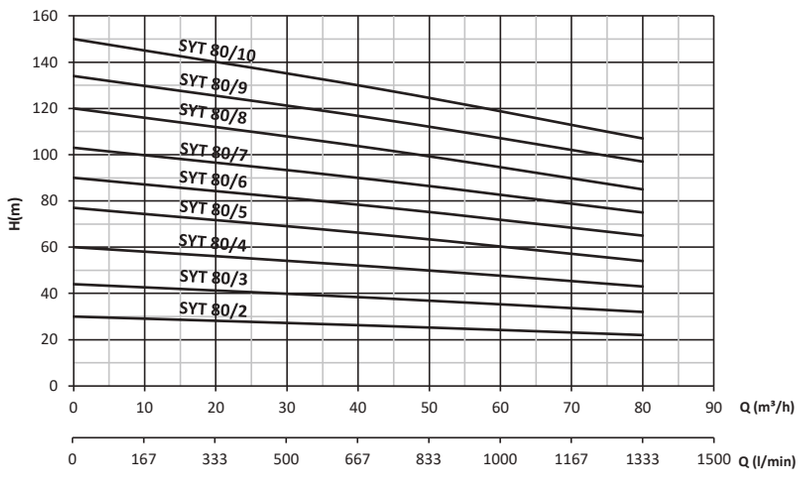
MATERIAL PROPERTIES

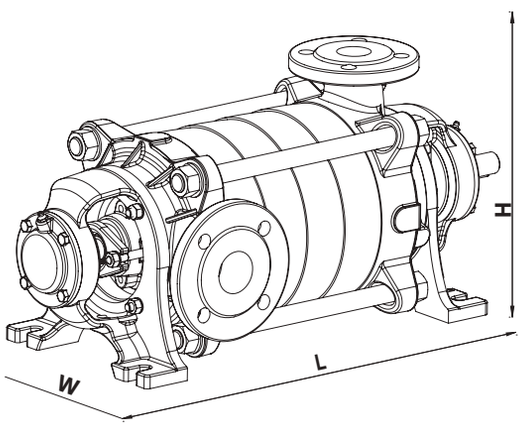
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	80 m³/hour
TOTAL HEAD (max.)	150 m
LIQUID PUMPING TEMPERATURE	0-45°C - (*120°C)
SEAL	GLAND PACKING / MECHANICAL SEAL
INPUT FLANGE	DN 100 PN 16
OUTPUT FLANGE	DN 80 PN 16
PUMP DURABILITY PRESSURE (Pmax)	30 bar

TECHNICAL SPECIFICATIONS

MOTOR					PUMP											
TYPE	KW	V	Hz	rpm	STAGE	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	50	60	70	80
SYT80/2	11	380	50	1450	2	DN100	DN80	475	766	475	152	mss	25	23	22	21
SYT80/3	15	380	50	1450	3	DN100	DN80	475	849	475	183		37	36	34	32
SYT80/4	18.5	380	50	1450	4	DN100	DN80	475	932	475	214		50	49	45	42
SYT80/5	22	380	50	1450	5	DN100	DN80	475	1015	475	245		62	60	57	52
SYT80/6	30	380	50	1450	6	DN100	DN80	475	1098	475	276		75	71	69	66
SYT80/7	37	380	50	1450	7	DN100	DN80	475	1181	475	308		88	83	79	75
SYT80/8	37	380	50	1450	8	DN100	DN80	475	1264	475	338		100	95	90	85
SYT80/9	45	380	50	1450	9	DN100	DN80	475	1347	475	369		111	108	102	97
SYT80/10	45	380	50	1450	10	DN100	DN80	475	1430	475	400		124	119	112	108

*Optionally, it can be used in hot water application up to 120°C.
NOTE: Measurements and weights in the table are belongs only to pump. (Except motor and chassis)





SMT160/80





DEFINITION

Single stage end suction pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps use in agricultural irrigation, supply of pressurized water, booster systems, fire fighting systems, discharge of the clean and few dirty water without solid particles (fiber), needed to high flow water.

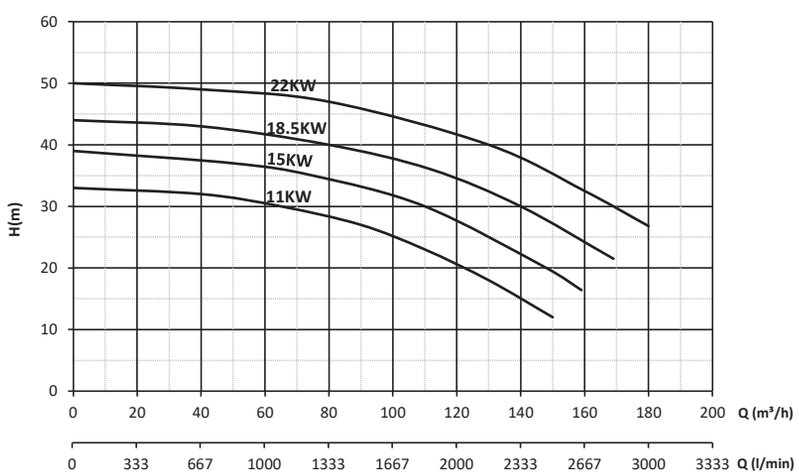
MATERIAL PROPERTIES

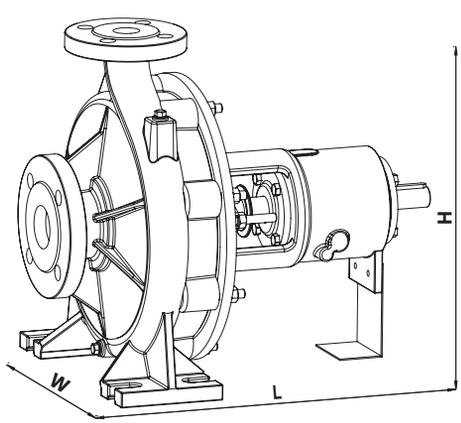
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	180 m³/hour
TOTAL HEAD (max.)	50 m
LIQUID PUMPING TEMPERATURE	0-45°C - (*120°C)
SEAL	GLAND PACKING / MECHANICAL SEAL
INPUT FLANGE	DN 100 PN 16
OUTPUT FLANGE	DN 80 PN 16
PUMP DURABILITY PRESSURE (Pmax)	16 bar

TECHNICAL SPECIFICATIONS

MOTOR					PUMP											
TYPE	KW	V	Hz	rpm	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	30	50	100	150	180
SMT160/80	11	380	50	2900	DN100	DN80	325	495	405	48	mss	32	31	24	8	-
	15	380	50	2900	DN100	DN80	325	495	405	48.5		38	37	32	26	-
	18.5	380	50	2900	DN100	DN80	325	495	405	49		43	42	38	32	15
	22	380	50	2900	DN100	DN80	325	495	405	49.5		48	47	46	40	28

*Optionally, it can be used in hot water application up to 120°C.
NOTE: Measurements and weights in the table are belongs only to pump. (Except motor and chassis)





SMT250/32





DEFINITION

Single stage end suction pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps use in agricultural irrigation, supply of pressurized water, booster systems, fire fighting systems, discharge of the clean and few dirty water without solid particles (fiber), needed to high flow water.

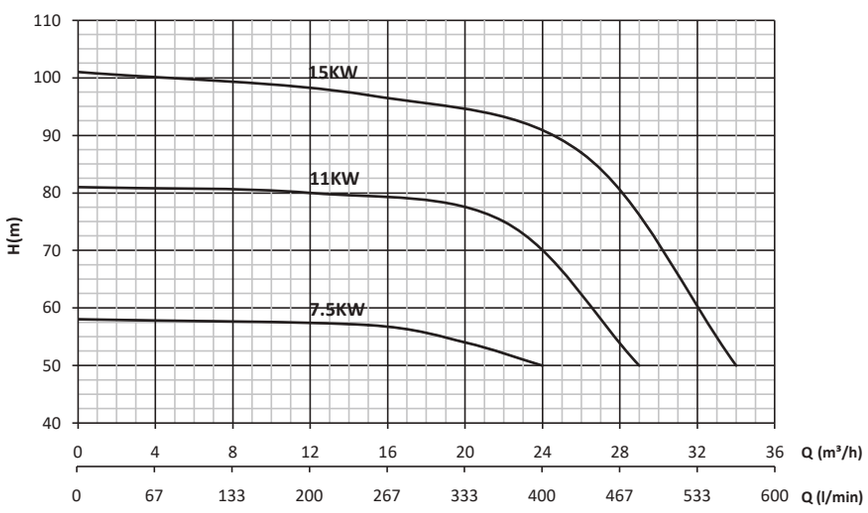
MATERIAL PROPERTIES

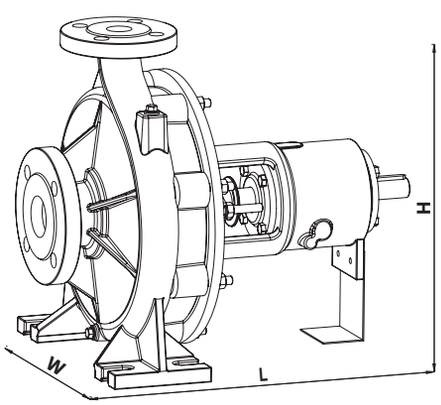
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	34 m³/hour
TOTAL HEAD (max.)	100 m
LIQUID PUMPING TEMPERATURE	0-45°C - (*120°C)
SEAL	GLAND PACKING / MECHANICAL SEAL
INPUT FLANGE	DN 50 PN 16
OUTPUT FLANGE	DN 32 PN 16
PUMP DURABILITY PRESSURE (Pmax)	16 bar

TECHNICAL SPECIFICATIONS

MOTOR					PUMP											
TYPE	KW	V	Hz	rpm	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	5	10	15	20	25
SMT250/32	7.5	380	50	2900	DN50	DN32	320	460	405	49	mss	58	57	56	54	45
	11	380	50	2900	DN50	DN32	320	460	405	49.5		81	80	79	77	68
	15	380	50	2900	DN50	DN32	320	460	405	50		100	98	97	94	88

*Optionally, it can be used in hot water application up to 120°C.
NOTE: Measurements and weights in the table are belongs only to pump. (Except motor and chassis)





SMT250/40





DEFINITION

Single stage end suction pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps use in agricultural irrigation, supply of pressurized water, booster systems, fire fighting systems, discharge of the clean and few dirty water without solid particles (fiber), needed to high flow water.

MATERIAL PROPERTIES

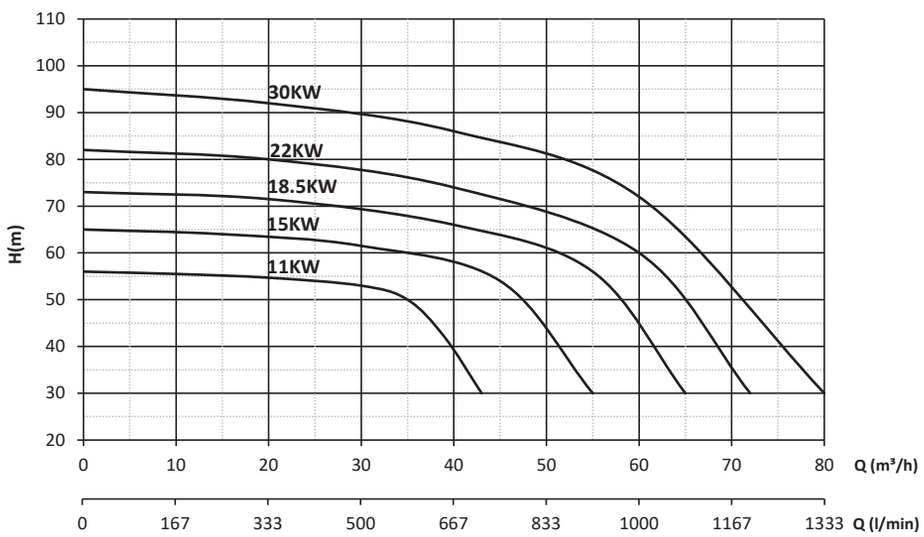
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	80 m³/hour
TOTAL HEAD (max.)	95 m
LIQUID PUMPING TEMPERATURE	0-45°C - (*120°C)
SEAL	GLAND PACKING / MECHANICAL SEAL
INPUT FLANGE	DN 65 PN 16
OUTPUT FLANGE	DN 40 PN 16
PUMP DURABILITY PRESSURE (Pmax)	16 bar

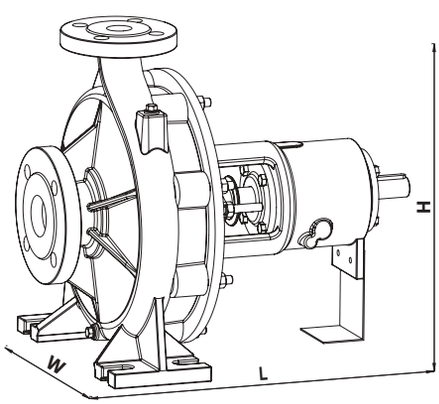
TECHNICAL SPECIFICATIONS

MOTOR					PUMP											
TYPE	KW	V	Hz	rpm	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	20	30	40	50	60
SMT250/40	11	380	50	2900	DN65	DN40	320	460	405	51	mss	54	51	40	-	-
	15	380	50	2900	DN65	DN40	320	460	405	51.5		63	61	58	45	-
	18.5	380	50	2900	DN65	DN40	320	460	405	51.5		72	68	65	61	45
	22	380	50	2900	DN65	DN40	320	460	405	52		80	78	73	68	60
	30	380	50	2900	DN65	DN40	320	460	405	52		91	90	86	81	72

*Optionally, it can be used in hot water application up to 120°C.

NOTE: Measurements and weights in the table are belongs only to pump. (Except motor and chassis)





SMT250/50





DEFINITION

Single stage end suction pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps use in agricultural irrigation, supply of pressurized water, booster systems, fire fighting systems, discharge of the clean and few dirty water without solid particles (fiber), needed to high flow water.

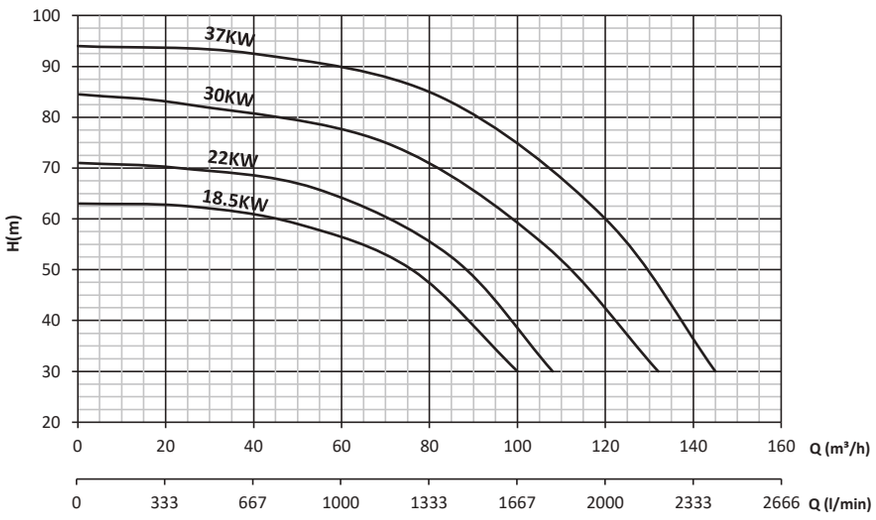
MATERIAL PROPERTIES

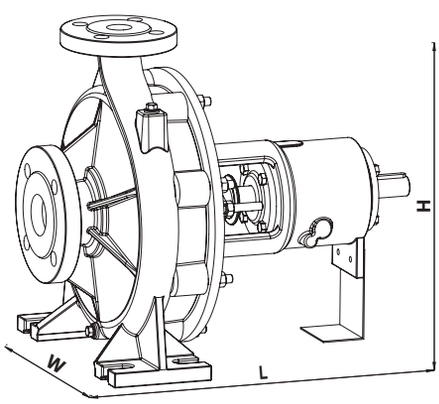
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	145 m³/hour
TOTAL HEAD (max.)	94 m
LIQUID PUMPING TEMPERATURE	0-45°C - (*120°C)
SEAL	GLAND PACKING / MECHANICAL SEAL
INPUT FLANGE	DN 65 PN 16
OUTPUT FLANGE	DN 50 PN 16
PUMP DURABILITY PRESSURE (Pmax)	16 bar

TECHNICAL SPECIFICATIONS

MOTOR					PUMP											
TYPE	KW	V	Hz	rpm	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	20	40	60	80	100
SMT250/50	18.5	380	50	2900	DN65	DN50	360	460	405	54	mss	62	61	57	48	30
	22	380	50	2900	DN65	DN50	360	460	405	54.5		70	68	64	55	38
	30	380	50	2900	DN65	DN50	360	460	405	55		83	81	77	71	59
	37	380	50	2900	DN65	DN50	360	460	405	55		93	92	90	85	75

*Optionally, it can be used in hot water application up to 120°C.
NOTE: Measurements and weights in the table are belongs only to pump. (Except motor and chassis)





SMT250/65





DEFINITION

Single stage end suction pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps use in agricultural irrigation, supply of pressurized water, booster systems, fire fighting systems, discharge of the clean and few dirty water without solid particles (fiber), needed to high flow water.

MATERIAL PROPERTIES

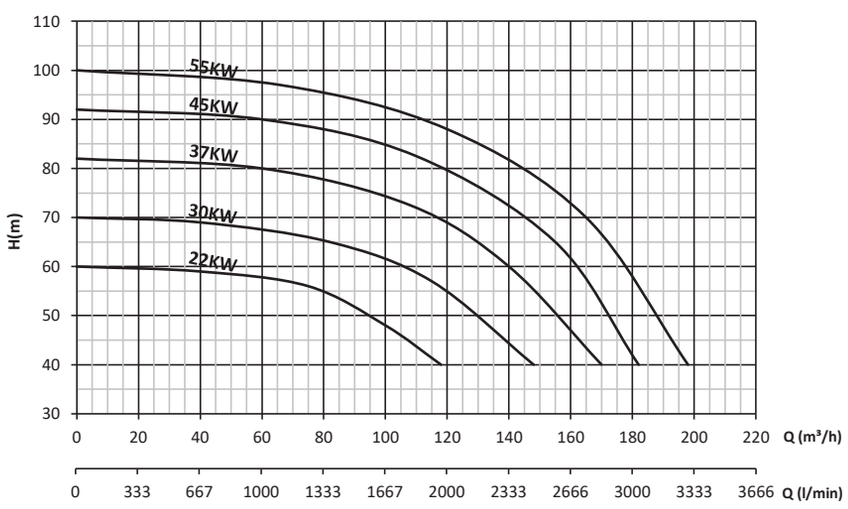
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	200 m³/hour
TOTAL HEAD (max.)	100 m
LIQUID PUMPING TEMPERATURE	0-45°C - (*120°C)
SEAL	GLAND PACKING / MECHANICAL SEAL
INPUT FLANGE	DN 80 PN 16
OUTPUT FLANGE	DN 65 PN 16
PUMP DURABILITY PRESSURE (Pmax)	16 bar

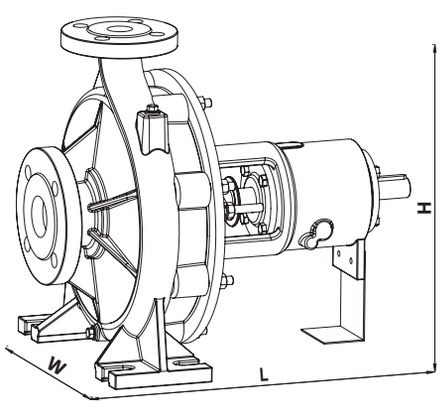
TECHNICAL SPECIFICATIONS

MOTOR					PUMP											
TYPE	KW	V	Hz	rpm	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	60	80	100	120	160
SMT250/65	22	380	50	2900	DN80	DN65	360	550	450	75	mss	58	55	48	35	-
	30	380	50	2900	DN80	DN65	360	550	450	75.5		68	65	61	55	-
	37	380	50	2900	DN80	DN65	360	575	450	76		80	78	74	69	47
	45	380	50	2900	DN80	DN65	360	575	450	76.5		90	88	85	80	61
	55	380	50	2900	DN80	DN65	360	575	450	77		96	95	92	87	73

*Optionally, it can be used in hot water application up to 120°C.

NOTE: Measurements and weights in the table are belongs only to pump. (Except motor and chassis)





SMT250/80





DEFINITION

Single stage end suction pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps use in agricultural irrigation, supply of pressurized water, booster systems, fire fighting systems, discharge of the clean and few dirty water without solid particles (fiber), needed to high flow water.

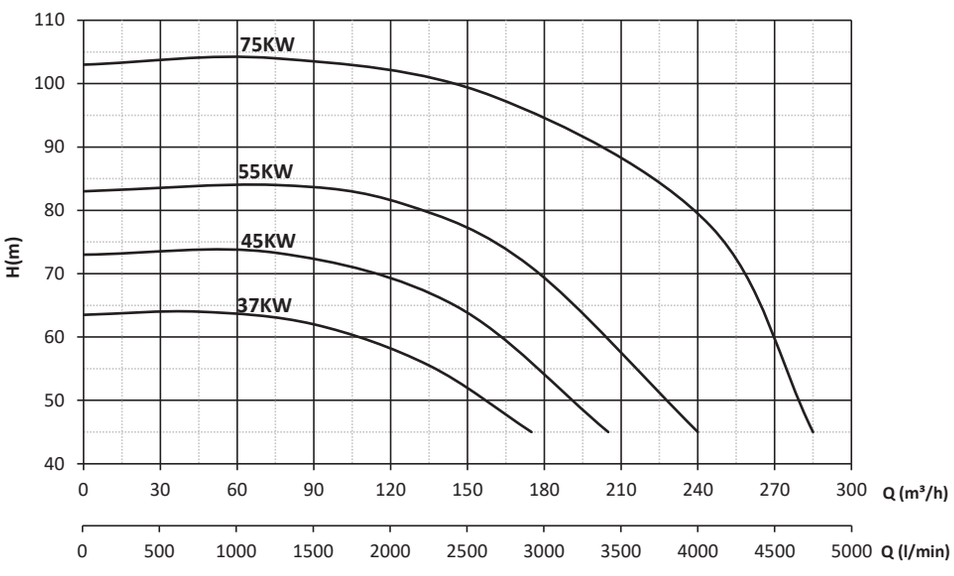
MATERIAL PROPERTIES

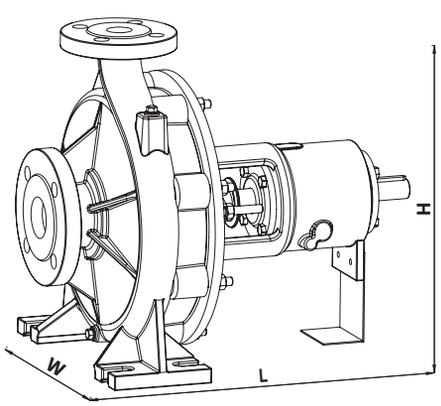
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	285 m³/hour
TOTAL HEAD (max.)	104 m
LIQUID PUMPING TEMPERATURE	0-45°C - (*120°C)
SEAL	GLAND PACKING / MECHANICAL SEAL
INPUT FLANGE	DN 100 PN 16
OUTPUT FLANGE	DN 80 PN 16
PUMP DURABILITY PRESSURE (Pmax)	16 bar

TECHNICAL SPECIFICATIONS

MOTOR					PUMP											
TYPE	KW	V	Hz	rpm	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	50	100	150	180	220
SMT250/80	37	380	50	2900	DN100	DN80	400	470	480	77	mss	63	60	52	45	-
	45	380	50	2900	DN100	DN80	400	470	480	78		73	71	64	54	-
	55	380	50	2900	DN100	DN80	400	470	480	79		83	82	78	69	53
	75	380	50	2900	DN100	DN80	400	470	480	82		102	101	99	95	85

*Optionally, it can be used in hot water application up to 120°C.
NOTE: Measurements and weights in the table are belongs only to pump. (Except motor and chassis)





END SUCTION PUMPS 2900 RPM

SMT250/100





DEFINITION

Single stage end suction pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps use in agricultural irrigation, supply of pressurized water, booster systems, fire fighting systems, discharge of the clean and few dirty water without solid particles (fiber), needed to high flow water.

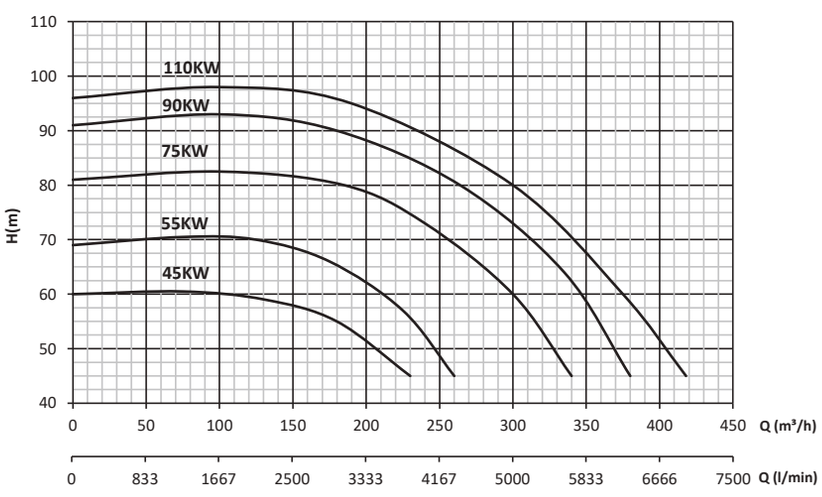
MATERIAL PROPERTIES

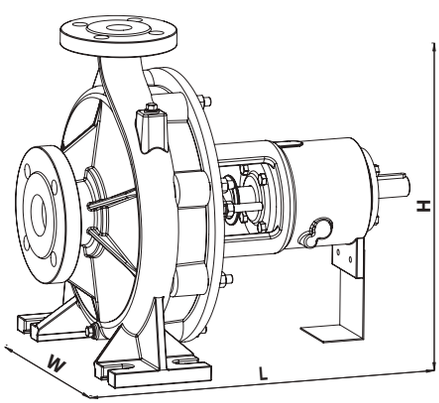
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	420 m³/hour
TOTAL HEAD (max.)	96 m
LIQUID PUMPING TEMPERATURE	0-45°C - (*120°C)
SEAL	GLAND PACKING / MECHANICAL SEAL
INPUT FLANGE	DN 125 PN 16
OUTPUT FLANGE	DN 100 PN 16
PUMP DURABILITY PRESSURE (Pmax)	16 bar

TECHNICAL SPECIFICATIONS

MOTOR					PUMP											
TYPE	KW	V	Hz	rpm	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	175	200	225	250	300
SMT250/100	45	380	50	2900	DN125	DN100	400	610	505	89	mss	55	52	46	-	-
	55	380	50	2900	DN125	DN100	400	610	505	89.5		66	62	55	49	-
	75	380	50	2900	DN125	DN100	400	610	505	90		80	78	75	72	60
	90	380	50	2900	DN125	DN100	400	610	505	90.5		90	87	84	82	73
	110	380	50	2900	DN125	DN100	400	610	505	91		95	93	91	87	80

*Optionally, it can be used in hot water application up to 120°C.
NOTE: Measurements and weights in the table are belongs only to pump. (Except motor and chassis)





END SUCTION PUMPS 1450 RPM

SMT160/80





DEFINITION

Single stage end suction pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps use in agricultural irrigation, supply of pressurized water, booster systems, fire fighting systems, discharge of the clean and few dirty water without solid particles (fiber), needed to high flow water.

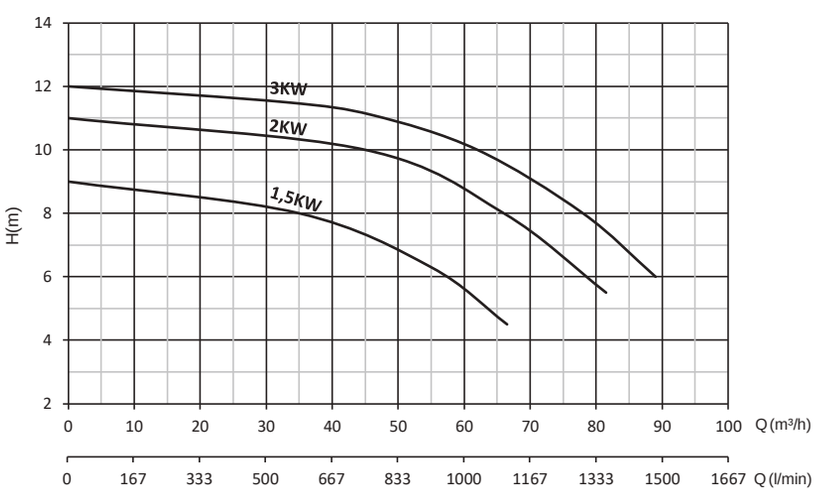
MATERIAL PROPERTIES

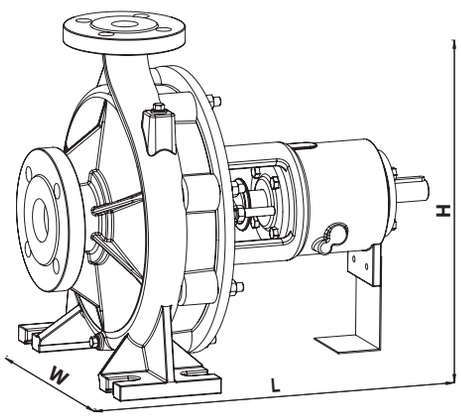
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	90 m³/hour
TOTAL HEAD (max.)	12 m
LIQUID PUMPING TEMPERATURE	0-45°C - (*120°C)
SEAL	GLAND PACKING / MECHANICAL SEAL
INPUT FLANGE	DN 100 PN 16
OUTPUT FLANGE	DN 80 PN 16
PUMP DURABILITY PRESSURE (Pmax)	16 bar

TECHNICAL SPECIFICATIONS

MOTOR					PUMP											
TYPE	KW	V	Hz	rpm	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	20	40	60	80	90
SMT160/80	1.5	380	50	1450	DN100	DN80	325	495	405	48	mss	8.5	7.5	5.5	-	-
	2.2	380	50	1450	DN100	DN80	325	495	405	49		10.5	10	8.5	6	3
	3	380	50	1450	DN100	DN80	325	495	405	49,5		11.5	11	10	7.5	6

*Optionally, it can be used in hot water application up to 120°C.
NOTE: Measurements and weights in the table are belongs only to pump. (Except motor and chassis)





SMT250/32





DEFINITION

Single stage end suction pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps use in agricultural irrigation, supply of pressurized water, booster systems, fire fighting systems, discharge of the clean and few dirty water without solid particles (fiber), needed to high flow water.

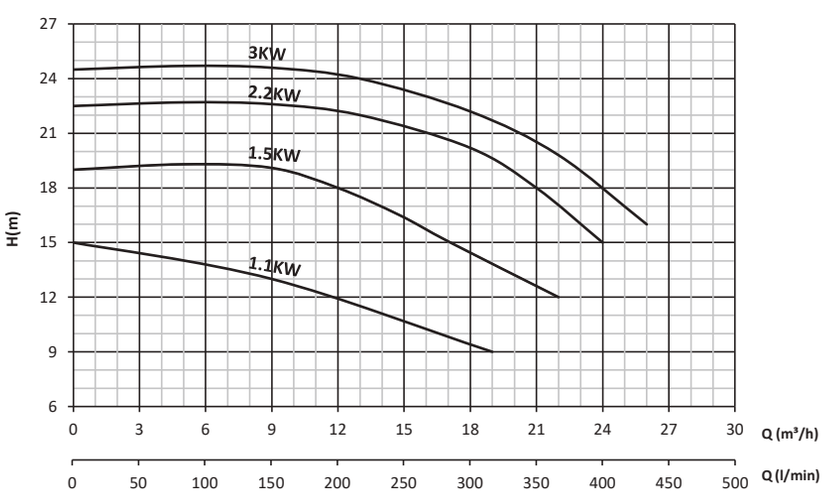
MATERIAL PROPERTIES

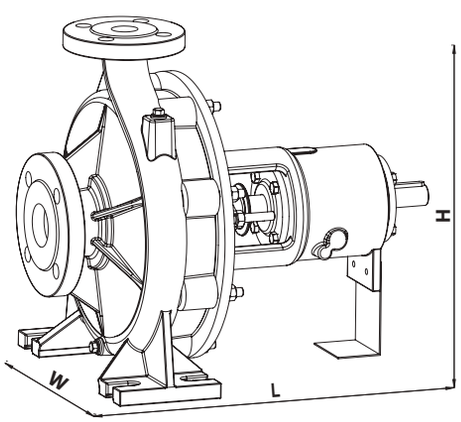
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	27 m³/hour
TOTAL HEAD (max.)	24 m
LIQUID PUMPING TEMPERATURE	0-45°C - (*120°C)
SEAL	GLAND PACKING / MECHANICAL SEAL
INPUT FLANGE	DN 50 PN 16
OUTPUT FLANGE	DN 32 PN 16
PUMP DURABILITY PRESSURE (Pmax)	16 bar

TECHNICAL SPECIFICATIONS

MOTOR					PUMP											
TYPE	KW	V	Hz	rpm	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	12	16	18	22	26
SMT250/32	1.1	380	50	1450	DN50	DN32	320	460	405	49	mss	12	10	9	-	-
	1.5	380	50	1450	DN50	DN32	320	460	405	49.5		18	16	14	12	-
	2.2	380	50	1450	DN50	DN32	320	460	405	50		22	21	20	17	-
	3	380	50	1450	DN50	DN32	320	460	405	50.5		24	23	22	20	16

*Optionally, it can be used in hot water application up to 120°C.
NOTE: Measurements and weights in the table are belongs only to pump. (Except motor and chassis)





SMT250/40





DEFINITION

Single stage end suction pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps use in agricultural irrigation, supply of pressurized water, booster systems, fire fighting systems, discharge of the clean and few dirty water without solid particles (fiber), needed to high flow water.

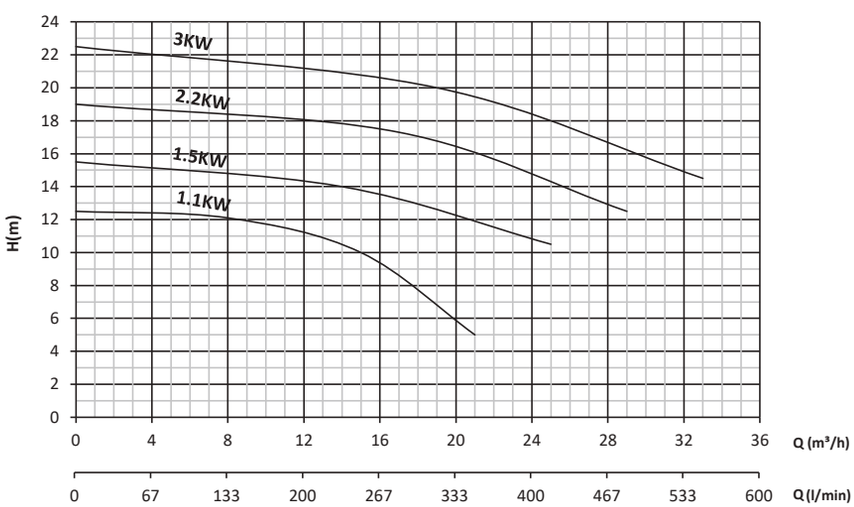
MATERIAL PROPERTIES

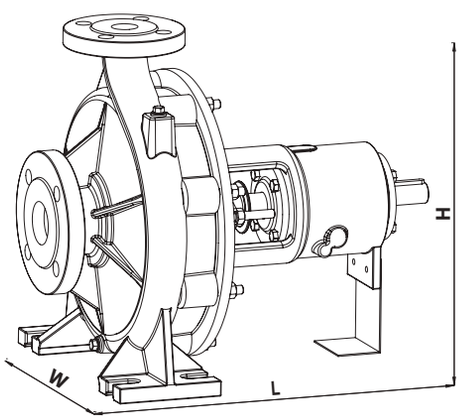
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	33 m³/hour
TOTAL HEAD (max.)	22.5 m
LIQUID PUMPING TEMPERATURE	0-45°C - (*120°C)
SEAL	GLAND PACKING / MECHANICAL SEAL
INPUT FLANGE	DN 65 PN 16
OUTPUT FLANGE	DN 40 PN 16
PUMP DURABILITY PRESSURE (Pmax)	16 bar

TECHNICAL SPECIFICATIONS

MOTOR					PUMP											
TYPE	KW	V	Hz	rpm	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	10	15	20	25	30
SMT250/40	1.1	380	50	1450	DN65	DN40	320	460	405	51	mss	11.5	10	6	-	-
	1.5	380	50	1450	DN65	DN40	320	460	405	51.5		14.5	13.5	12	10.5	-
	2.2	380	50	1450	DN65	DN40	320	460	405	51.5		18.5	17.5	16.5	14.5	-
	3	380	50	1450	DN65	DN40	320	460	405	52		21.5	20.5	19.5	18	16

*Optionally, it can be used in hot water application up to 120°C.
NOTE: Measurements and weights in the table are belongs only to pump. (Except motor and chassis)





SMT250/50





DEFINITION

Single stage end suction pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps use in agricultural irrigation, supply of pressurized water, booster systems, fire fighting systems, discharge of the clean and few dirty water without solid particles (fiber), needed to high flow water.

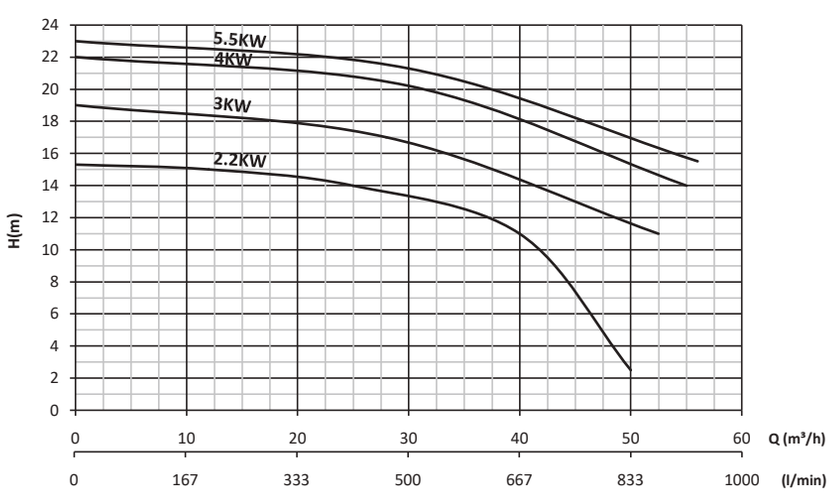
MATERIAL PROPERTIES

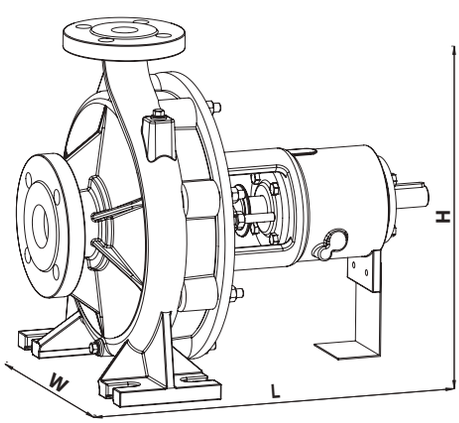
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	55 m³/hour
TOTAL HEAD (max.)	23 m
LIQUID PUMPING TEMPERATURE	0-45°C - (*120°C)
SEAL	GLAND PACKING / MECHANICAL SEAL
INPUT FLANGE	DN 65 PN 16
OUTPUT FLANGE	DN 50 PN 16
PUMP DURABILITY PRESSURE (Pmax)	16 bar

TECHNICAL SPECIFICATIONS

MOTOR					PUMP											
TYPE	KW	V	Hz	rpm	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	35	40	45	50	55
SMT250/50	2.2	380	50	1450	DN65	DN50	360	460	405	54	mss	12.5	11	7	-	-
	3	380	50	1450	DN65	DN50	360	460	405	54.5		15.5	14.5	13	11.5	-
	4	380	50	1450	DN65	DN50	360	460	405	55		19	18	16.5	15.5	14
	5.5	380	50	1450	DN65	DN50	360	460	405	55		20.5	19	18	17	15.5

*Optionally, it can be used in hot water application up to 120°C.
NOTE: Measurements and weights in the table are belongs only to pump. (Except motor and chassis)





END SUCTION PUMPS 1450 RPM

SMT250/65





DEFINITION

Single stage end suction pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps use in agricultural irrigation, supply of pressurized water, booster systems, fire fighting systems, discharge of the clean and few dirty water without solid particles (fiber), needed to high flow water.

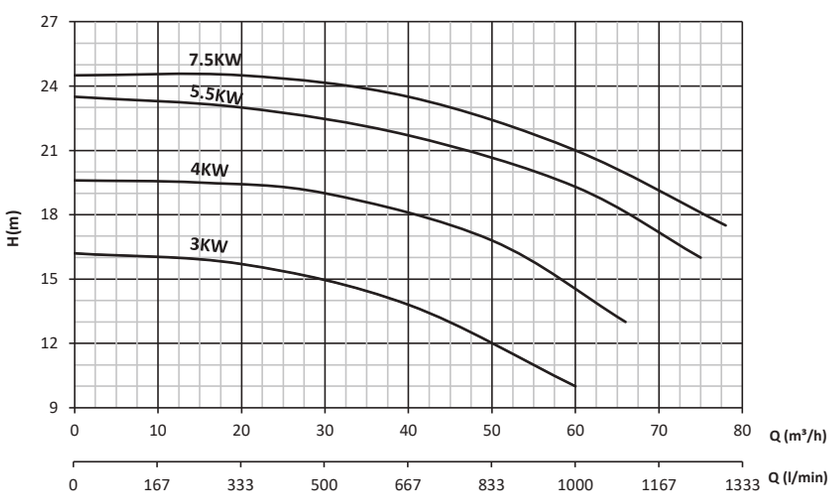
MATERIAL PROPERTIES

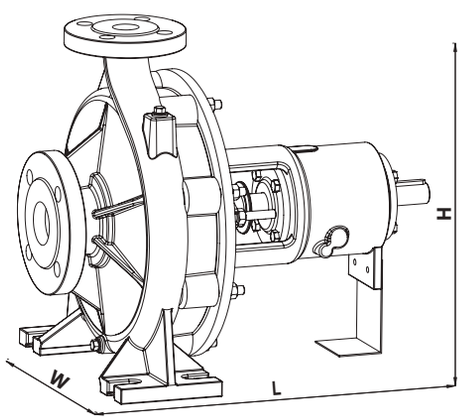
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	78 m³/hour
TOTAL HEAD (max.)	25 m
LIQUID PUMPING TEMPERATURE	0-45°C - (*120°C)
SEAL	GLAND PACKING / MECHANICAL SEAL
INPUT FLANGE	DN 80 PN 16
OUTPUT FLANGE	DN 65 PN 16
PUMP DURABILITY PRESSURE (Pmax)	16 bar

TECHNICAL SPECIFICATIONS

MOTOR					PUMP											
TYPE	KW	V	Hz	rpm	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	30	40	50	60	70
SMT250/65	3	380	50	1450	DN80	DN65	360	550	450	75	mss	15	13.5	12	10	-
	4	380	50	1450	DN80	DN65	360	550	450	75.5		19	18	16.5	14.5	-
	5.5	380	50	1450	DN80	DN65	360	575	450	76		22.5	21.5	20.5	19.5	17
	7.5	380	50	1450	DN80	DN65	360	575	450	76.5		24	23.5	22.5	21	19

*Optionally, it can be used in hot water application up to 120°C.
NOTE: Measurements and weights in the table are belongs only to pump. (Except motor and chassis)





SMT250/80





DEFINITION

Single stage end suction pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps use in agricultural irrigation, supply of pressurized water, booster systems, fire fighting systems, discharge of the clean and few dirty water without solid particles (fiber), needed to high flow water.

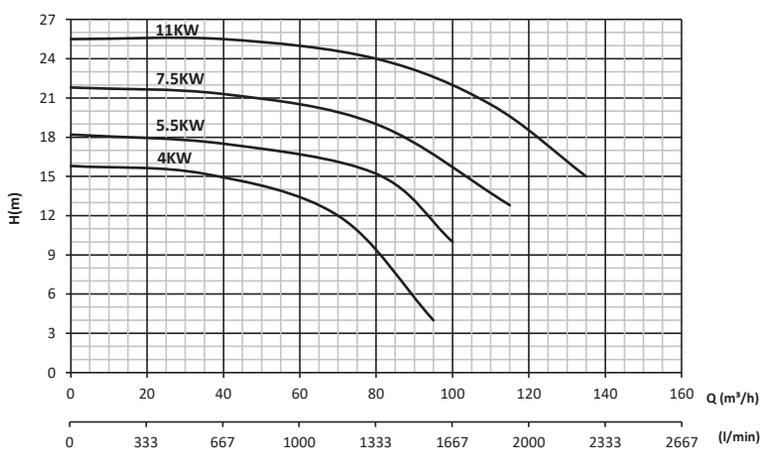
MATERIAL PROPERTIES

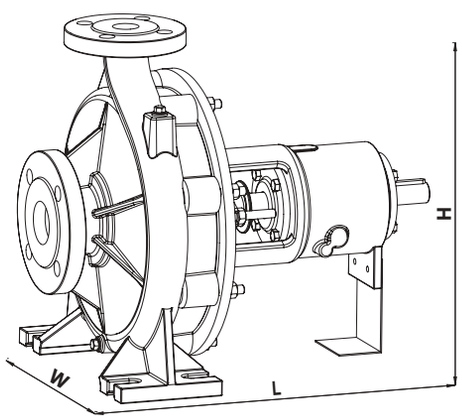
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	135 m³/hour
TOTAL HEAD (max.)	26 m
LIQUID PUMPING TEMPERATURE	0-45°C - (*120°C)
SEAL	GLAND PACKING / MECHANICAL SEAL
INPUT FLANGE	DN 100 PN 16
OUTPUT FLANGE	DN 80 PN 16
PUMP DURABILITY PRESSURE (Pmax)	16 bar

TECHNICAL SPECIFICATIONS

MOTOR					PUMP											
TYPE	KW	V	Hz	rpm	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	40	60	80	100	120
SMT250/80	4	380	50	1450	DN100	DN80	400	470	480	77	mss	15	13.5	9.5	-	-
	5.5	380	50	1450	DN100	DN80	400	470	480	78		17.5	16.5	15	10	-
	7.5	380	50	1450	DN100	DN80	400	470	480	79		21.5	20.5	19	15.5	-
	11	380	50	1450	DN100	DN80	400	470	480	82		25.5	25	24	22	18.5

*Optionally, it can be used in hot water application up to 120°C.
NOTE: Measurements and weights in the table are belongs only to pump. (Except motor and chassis)





END SUCTION PUMPS 1450 RPM

SMT250/100





DEFINITION

Single stage end suction pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps use in agricultural irrigation, supply of pressurized water, booster systems, fire fighting systems, discharge of the clean and few dirty water without solid particles (fiber), needed to high flow water.

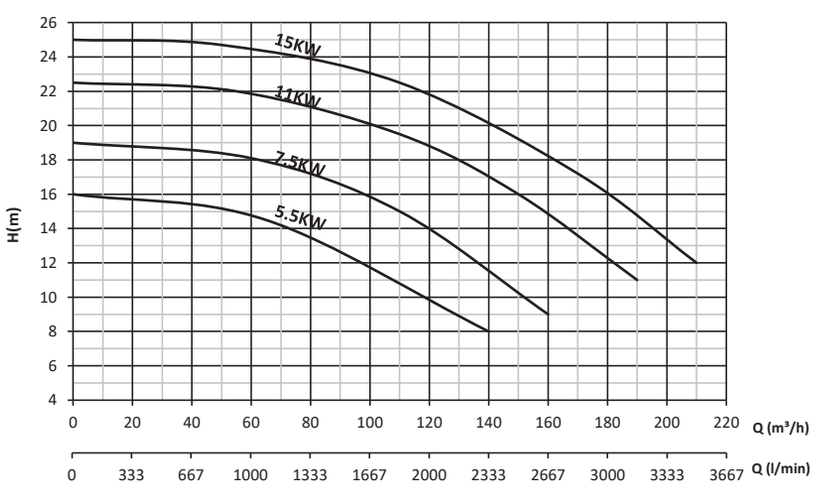
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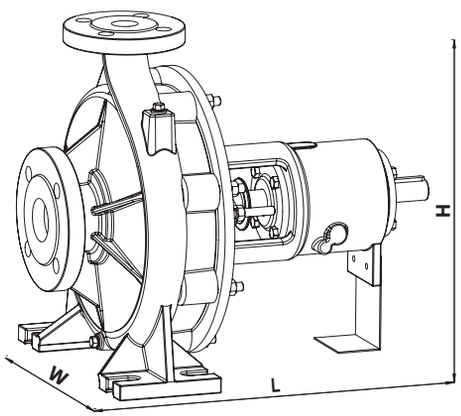
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	210 m³/hour
TOTAL HEAD (max.)	25 m
LIQUID PUMPING TEMPERATURE	0-45°C - (*120°C)
SEAL	GLAND PACKING / MECHANICAL SEAL
INPUT FLANGE	DN 125 PN 16
OUTPUT FLANGE	DN 100 PN 16
PUMP DURABILITY PRESSURE (Pmax)	16 bar

TECHNICAL SPECIFICATIONS

MOTOR					PUMP											
TYPE	KW	V	Hz	rpm	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	80	110	140	170	200
SMT250/100	5.5	380	50	1450	DN125	DN100	400	610	505	89	mss	13.5	11	8	-	-
	7.5	380	50	1450	DN125	DN100	400	610	505	89.5		17	15	11.5	-	-
	11	380	50	1450	DN125	DN100	400	610	505	90		21	19.5	17	13.5	9
	15	380	50	1450	DN125	DN100	400	610	505	90.5		24	22.5	20	17	13

*Optionally, it can be used in hot water application up to 120°C.
NOTE: Measurements and weights in the table are belongs only to pump. (Except motor and chassis)





SMT315/50





DEFINITION

Single stage end suction pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps use in agricultural irrigation, supply of pressurized water, booster systems, fire fighting systems, discharge of the clean and few dirty water without solid particles (fiber), needed to high flow water.

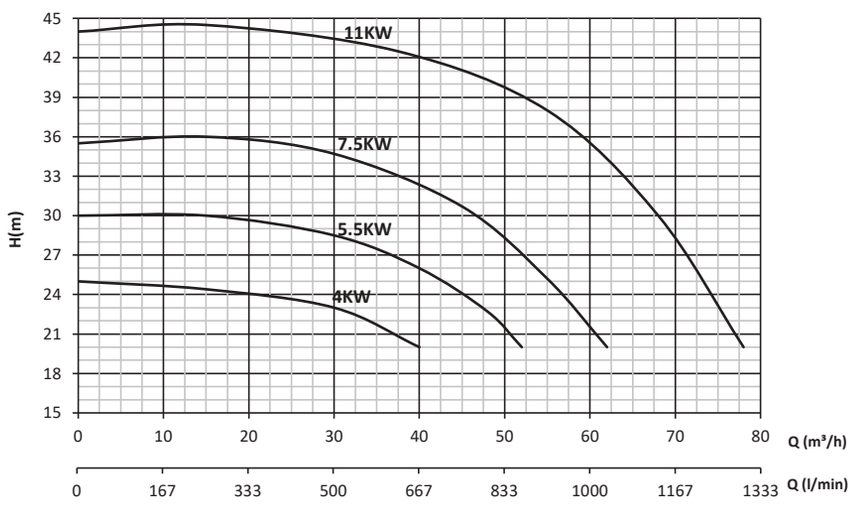
MATERIAL PROPERTIES

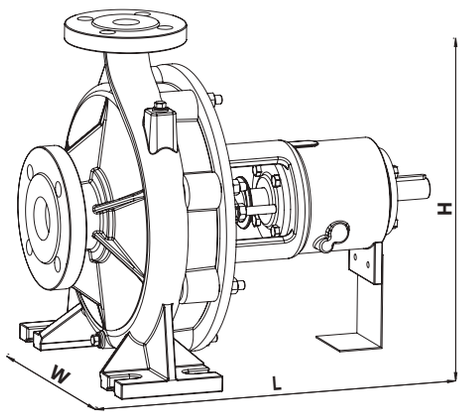
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	78 m³/hour
TOTAL HEAD (max.)	44 m
LIQUID PUMPING TEMPERATURE	0-45°C - (*120°C)
SEAL	GLAND PACKING / MECHANICAL SEAL
INPUT FLANGE	DN 65 PN 16
OUTPUT FLANGE	DN 50 PN 16
PUMP DURABILITY PRESSURE (Pmax)	16 bar

TECHNICAL SPECIFICATIONS

MOTOR					PUMP										
TYPE	KW	V	Hz	rpm	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	20	30	40	50	60
SMT315/50	4	380	50	1450	DN65	DN50	320	575	505	84	mss	24	23	20	-	-
	5.5	380	50	1450	DN65	DN50	320	575	505	86		29	28	26	21	-
	7.5	380	50	1450	DN65	DN50	320	575	505	88		36	34	32	28	-
	11	380	50	1450	DN65	DN50	320	575	505	90		44	43	42	40	35

*Optionally, it can be used in hot water application up to 120°C.
NOTE: Measurements and weights in the table are belongs only to pump. (Except motor and chassis)





END SUCTION PUMPS 1450 RPM

SMT315/65





DEFINITION

Single stage end suction pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps use in agricultural irrigation, supply of pressurized water, booster systems, fire fighting systems, discharge of the clean and few dirty water without solid particles (fiber), needed to high flow water.

MATERIAL PROPERTIES

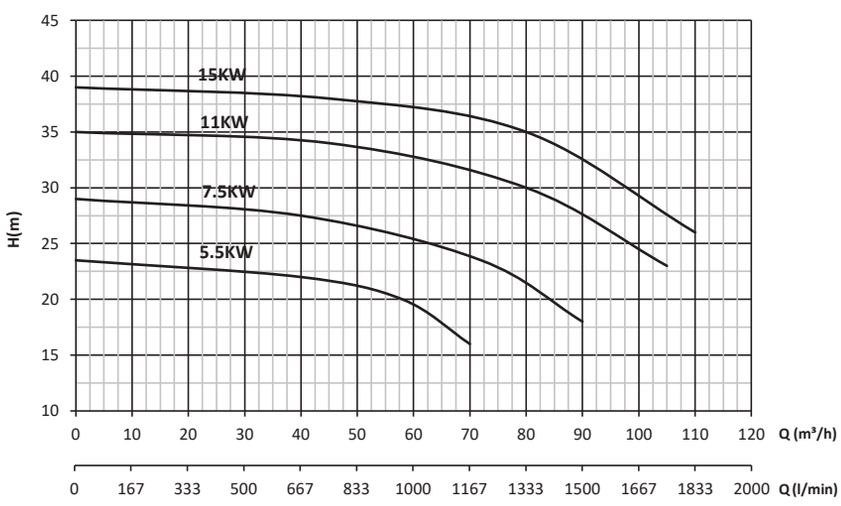
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	110 m³/hour
TOTAL HEAD (max.)	38 m
LIQUID PUMPING TEMPERATURE	0-45°C - (*120°C)
SEAL	GLAND PACKING / MECHANICAL SEAL
INPUT FLANGE	DN 80 PN 16
OUTPUT FLANGE	DN 65 PN 16
PUMP DURABILITY PRESSURE (Pmax)	16 bar

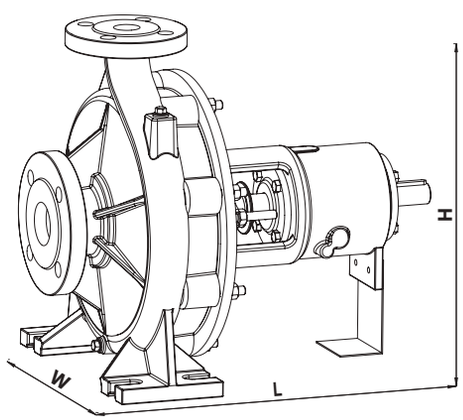
TECHNICAL SPECIFICATIONS

MOTOR					PUMP											
TYPE	KW	V	Hz	rpm	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	20	40	60	80	100
SMT315/65	5.5	380	50	1450	DN80	DN65	400	595	505	90	mss	23	22	19.5	-	-
	7.5	380	50	1450	DN80	DN65	400	595	505	92		28	27.5	25	22	-
	11	380	50	1450	DN80	DN65	400	595	505	94		34.5	34	33	30	24
	15	380	50	1450	DN80	DN65	400	595	505	96		38	37.5	37	35	29

*Optionally, it can be used in hot water application up to 120°C.

NOTE: Measurements and weights in the table are belongs only to pump. (Except motor and chassis)





END SUCTION PUMPS 1450 RPM

SMT315/80





DEFINITION

Single stage end suction pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps use in agricultural irrigation, supply of pressurized water, booster systems, fire fighting systems, discharge of the clean and few dirty water without solid particles (fiber), needed to high flow water.

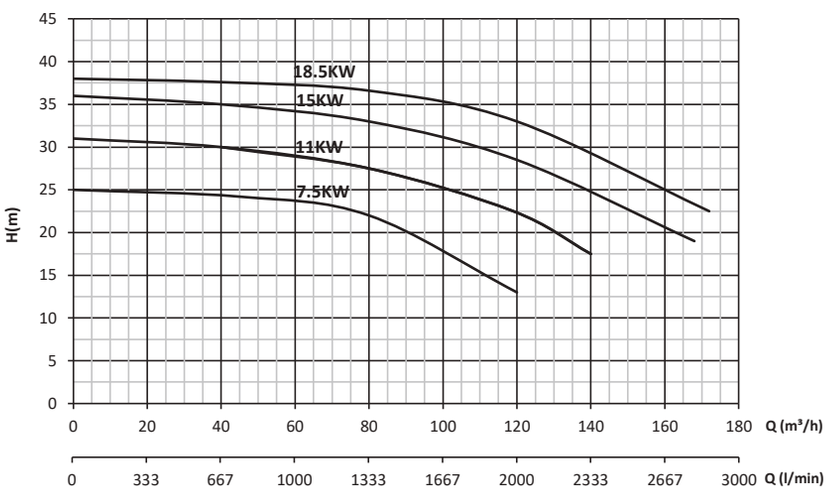
MATERIAL PROPERTIES

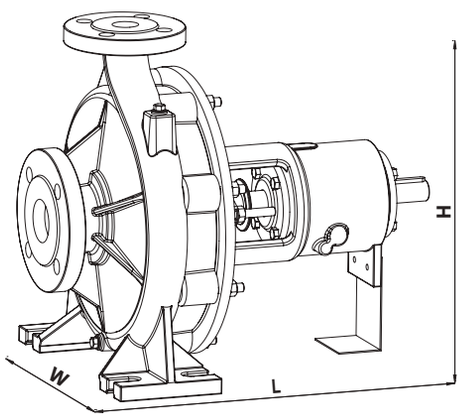
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	170 m³/hour
TOTAL HEAD (max.)	38 m
LIQUID PUMPING TEMPERATURE	0-45°C - (*120°C)
SEAL	GLAND PACKING / MECHANICAL SEAL
INPUT FLANGE	DN 100 PN 16
OUTPUT FLANGE	DN 80 PN 16
PUMP DURABILITY PRESSURE (Pmax)	16 bar

TECHNICAL SPECIFICATIONS

MOTOR					PUMP											
TYPE	KW	V	Hz	rpm	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	80	100	120	140	160
SMT315/80	7.5	380	50	1450	DN100	DN80	400	595	565	92	mss	22	17	13	-	-
	11	380	50	1450	DN100	DN80	400	595	565	94		28	25	22	17	-
	15	380	50	1450	DN100	DN80	400	595	565	97		33	31	28	24	20
	18.5	380	50	1450	DN100	DN80	400	595	565	100		36	35	33	29	25

*Optionally, it can be used in hot water application up to 120°C.
NOTE: Measurements and weights in the table are belongs only to pump. (Except motor and chassis)



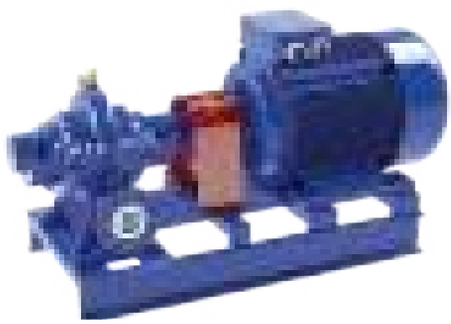


DOUBLE SUCTION PUMPS 2900 RPM

SMC 270/80

New Product





DEFINITION

Single stage horizontal split case, double suction volute casing pumps. It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps use in water distribution, pump stations, refineries, industrial washers, agricultural irrigation, supply of pressurized water, booster systems, fire fighting systems, discharge of the clean and few dirty water, needed to high flow water.

MATERIAL PROPERTIES

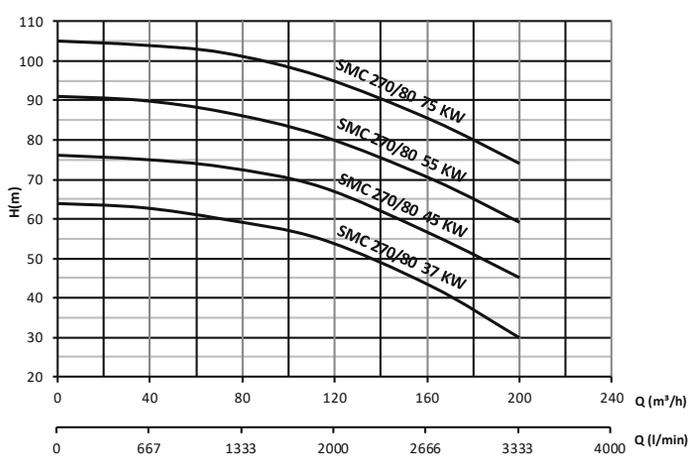
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON (BRONZE CASTING)
SHAFT	AISI 420
FLOW RATE (max.)	220 m³/hour
TOTAL HEAD (max.)	105 m
LIQUID PUMPING TEMPERATURE	0-45°C - (*120°C)
SEAL	GLAND PACKING
INPUT FLANGE	DN 125
OUTPUT FLANGE	DN 80
PUMP DURABILITY PRESSURE (Pmax)	16 bar

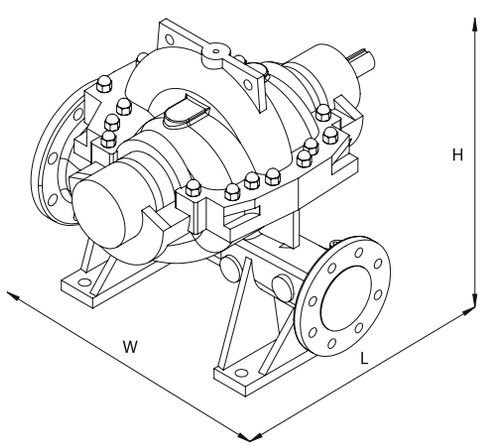
TECHNICAL SPECIFICATIONS

MOTOR					PUMP											
TYPE	KW	V	Hz	rpm	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	60	80	120	160	200
SMC 270/80	37	380	50	2900	5”	3”	600	687	555	210	mss	103	52	54	43	30
	45	380	50	2900	5”	3”	600	687	555	210		89	72	66	56	45
	55	380	50	2900	5”	3”	600	687	555	210		79	85	80	70	59
	75	380	50	2900	5”	3”	600	687	555	210		61	102	95	85	74

*Optionally, it can be used in hot water application up to 120°C.

NOTE: Measurements and weights in the table are belongs only to pump. (Except motor and chassis)

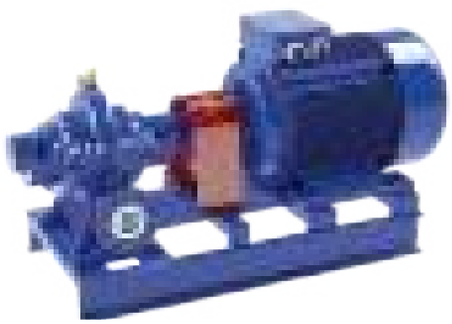




SMC 310/100

New Product





DEFINITION

Single stage horizontal split case, double suction volute casing pumps. It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps use in water distribution, pump stations, refineries, industrial washers, agricultural irrigation, supply of pressurized water, booster systems, fire fighting systems, discharge of the clean and few dirty water, needed to high flow water.

MATERIAL PROPERTIES

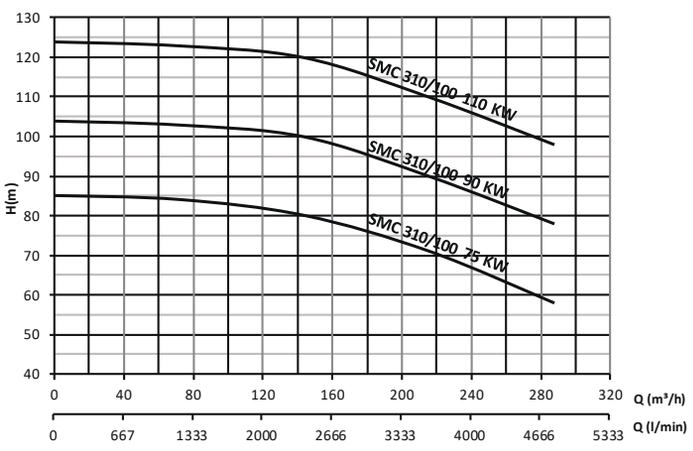
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON (BRONZE CASTING)
SHAFT	AISI 420
FLOW RATE (max.)	300 m³/hour
TOTAL HEAD (max.)	125 m
LIQUID PUMPING TEMPERATURE	0-45°C - (*120°C)
SEAL	GLAND PACKING
INPUT FLANGE	DN 150
OUTPUT FLANGE	DN 125
PUMP DURABILITY PRESSURE (Pmax)	16 bar

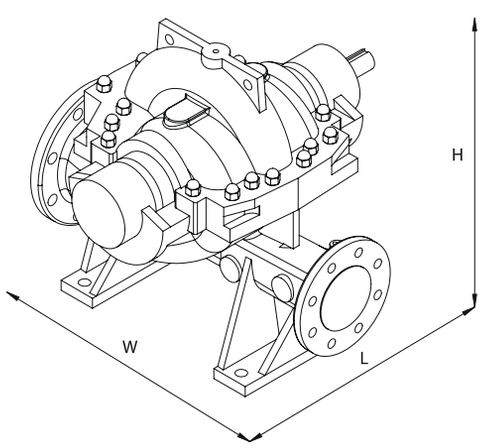
TECHNICAL SPECIFICATIONS

MOTOR					PUMP											
TYPE	KW	V	Hz	rpm	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	120	160	200	240	280
SMC 310/100	75	380	50	2900	6"	5"	660	685	630	250	mss	81	78	73	66	59
	90	380	50	2900	6"	5"	660	685	630	250		101	97	92	85	79
	110	380	50	2900	6"	5"	660	685	630	250		120	118	112	105	99

*Optionally, it can be used in hot water application up to 120°C.

NOTE: Measurements and weights in the table are belongs only to pump. (Except motor and chassis)





SML160/65 - SML160/80



DEFINITION

These single-stage, non-self-priming pumps are used with the suction and discharge flanges mounted on the straight pipe and the same axis. In this way, the replacement and maintenance of defective parts can be done without disassembling the volute casing. Therefore, it is preferred by the services.

USAGE AREAS

These type of pumps used in industrial areas, swimming pools, geothermal plant, heating and cooling systems, air condition systems, water distribution systems.

MATERIAL PROPERTIES

PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	54 m³/hour
TOTAL HEAD (max.)	12 m
LIQUID PUMPING TEMPERATURE	0-45°C (120°C)
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
INPUT-OUTPUT	DN 65 PN 16 (SML 160/65) - DN 80 PN 16 (SML 160/80)
PUMP DURABILITY PRESSURE (Pmax)	10 bar

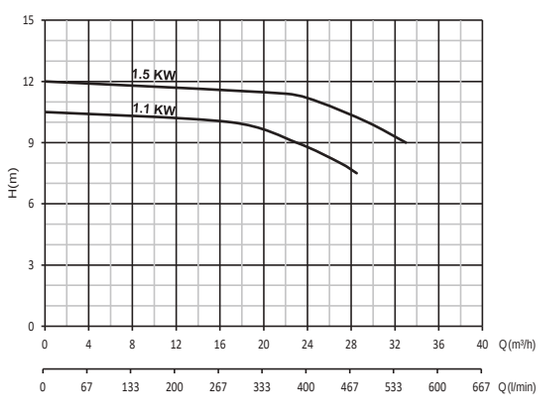
TECHNICAL SPECIFICATIONS

MOTOR					PUMP										
TYPE	KW	HP	Hz	rpm	Input Output	W mm	L mm	H mm	KG	m³/h	8	12	20	28	32
SML160/65	1.1	1.5	50	1450	DN65	252	380	550	37	mss	10.4	10	9.5	7.5	-
	1.5	2	50	1450	DN65	252	380	550	37		11.8	11.6	11.4	10.4	9.2

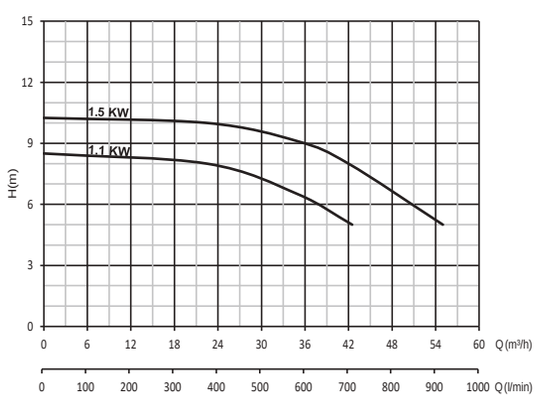
TYPE	KW	HP	Hz	rpm	Input Output	W mm	L mm	H mm	KG	m³/h	18	30	42	48	54
SML160/80	1.1	1.5	50	1450	DN80	280	425	570	41	mss	8	7	5	-	-
	1.5	2	50	1450	DN80	280	425	570	41		10	9.5	8	6.5	5

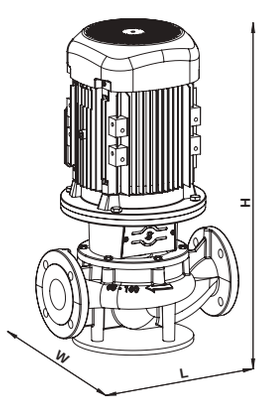
*Optionally, it can be used in hot water application up to 120°C.

SML160/65



SML160/80





SML160/65 - SML160/80



DEFINITION

These single-stage, non-self-priming pumps are used with the suction and discharge flanges mounted on the straight pipe and the same axis. In this way, the replacement and maintenance of defective parts can be done without disassembling the volute casing. Therefore, it is preferred by the services.

USAGE AREAS

These type of pumps used in industrial areas, swimming pools, geothermal plant, heating and cooling systems, air condition systems, water distribution systems.

MATERIAL PROPERTIES

PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	130 m³/hour
TOTAL HEAD (max.)	50 m
LIQUID PUMPING TEMPERATURE	0-45°C (120°C)
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
INPUT-OUTPUT	DN 65 PN 16 (SML160/65) – DN 80 PN 16 (SML160/80)
PUMP DURABILITY PRESSURE (Pmax)	10 bar

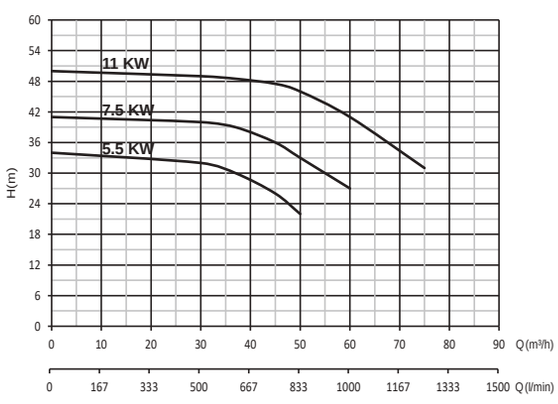
TECHNICAL SPECIFICATIONS

MOTOR					PUMP										
TYPE	KW	HP	Hz	rpm	Input Output	W mm	L mm	H mm	KG	m³/h	20	40	50	60	70
SML160/65	5.5	7.5	50	2900	DN65	252	380	640	71	mss	33	27	20	-	-
	7.5	10	50	2900	DN65	252	380	700	87		39	37	33	27	-
	11	15	50	2900	DN65	252	380	730	96		49	48	46	40	34

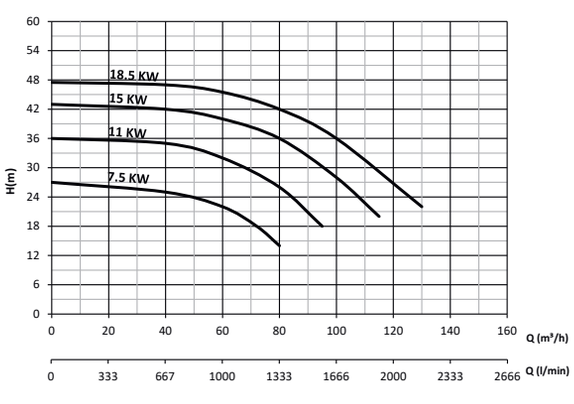
TYPE	KW	HP	Hz	rpm	Input Output	W mm	L mm	H mm	KG	m³/h	40	60	80	100	120
SML160/80	7.5	10	50	2900	DN80	280	425	750	95	mss	23.5	22	15	6	-
	11	15	50	2900	DN80	280	425	750	107		35	32	26	14	-
	15	20	50	2900	DN80	280	425	810	125		42	39	36	27	-
	18.5	25	50	2900	DN80	280	425	810	145		46	44	42	36	26

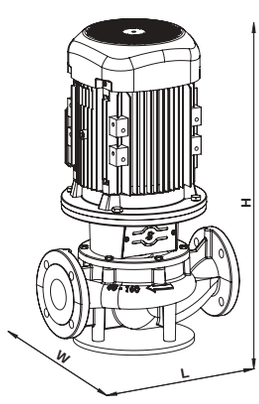
*Optionally, it can be used in hot water application up to 120°C.

SML160/65



SML160/80





SUMAK®

BOOSTER SETS



























SUMAK®

LIQUID-FLUID PIPE LOSS TABLE

PLASTIC PIPE		25	32	40	50	63	75	90	110	140	160	200	225	280
METAL PIPE		3/4”	1”	1 1/4	1 1/2	2”	2 1/2	3”	4”	5”	6”	7”	8”	10”
m³/h	lt/sn	FRICTION LOSS AT 100M (METERS)												
1.2	0.33	10,4	3,7	1	0,3									
1.5	0.41	15,8	5,7	1,5	0,5									
1.8	0.50	22,3	8	2,1	0,7									
2.1	0.58	29,8	10,8	2,8	0,9	0,3								
2.4	0.66	38,2	13,8	2,7	1,2	0,4								
3	0.83	58,2	21,1	8	1,8	0,6								
3.6	1.00	82	30	10,8	2,5	0,9								
4.2	1.16		40	13,9	3,3	1,1								
4.8	1.33		51,5	17,5	4,3	1,5								
5.4	1.50		64	21,4	5,4	1,8	0,5							
6	1.66		79	33	6,6	2,2	0,6							
7.5	2.08			47	10	3,4	0,9							
9	2.50			63	14,2	4,7	1,2	0,4						
10.5	2.91			82	19	6,3	1,6	0,6						
12	3.33				24,5	8,1	2,1	0,7						
15	4.16				37,5	12,3	3,2	1,1	0,4					
18	5.00				53	17,3	4,5	1,6	0,5					
24	6.66					29,5	7,8	2,7	0,9					
30	8.33					44,8	12	4,1	1,4	0,5				
36	10.00						16,9	5,8	1,9	0,7				
42	11.60						22,6	7,8	2,6	0,9				
48	13.30						29	10	3,4	1,2	0,4			
54	15.00						36	12,5	4,2	1,5	0,5			
60	16.60							15,2	5,1	1,8	0,7			
75	20.80							23	7,9	2,7	1	0,5		
90	25.00							32,6	11,2	3,8	1,4	0,7		
105	29.10								15	5	1,9	0,9	0,5	
120	33.30								19,4	6,5	2,4	1,2	0,6	
150	41.60								30	9,8	3,8	1,8	0,9	
180	50.00									13,8	5,3	2,5	1,3	
240	66.60									23,8	9,1	4,4	2,2	0,7
300	83.30										13,9	6,6	3,3	1,1
360	100.00										20	9,5	4,7	1,6
420	116.60											12,8	6,4	2,1
480	133.30											21	10,5	3,5

SUMAK®

BOOSTER SET SELECTION TABLE

PRESSURE SELECTION TABLE AS PRACTICALLY ACCORDING TO FLOOR NUMBER TABLE-1

NUMBER OF FLOORS	PA(BAR)	NUMBER OF FLOORS	PA(BAR)
1	2.4	16	7.6
2	2.8	17	7.9
3	3.1	18	8.3
4	3.5	19	8.6
5	3.8	20	9
6	4.1	21	9.3
7	4.5	22	9.7
8	4.8	23	10
9	5.2	24	10.4
10	5.5	25	10.7
11	5.9	26	11
12	6.2	27	11.4
13	6.6	28	11.7
14	6.9	29	12.1
15	7.3	30	12.4

FLOW (m3/h) SELECTION TABLE AS PRACTICALLY ACCORDING TO FLAT NUMBER TABLE-2

NUMBER OF FLOORS	m³/h	NUMBER OF FLOORS	Q (m³/h)	NUMBER OF FLOORS	Q (m³/h)	NUMBER OF FLOORS	Q (m³/h)	NUMBER OF FLOORS	Q (m³/h)
2	0.8	32	6.7	64	13.4	128	26.8	256	53.6
4	1.6	34	7.2	68	14.4	136	28.8	272	57.6
6	1.8	36	7.6	72	15.2	144	30.4	288	60.8
8	2	38	8	76	16	152	32	304	64
10	2.4	40	8.4	80	16.8	160	33.6	320	67.2
12	2.5	42	8.8	84	17.6	168	35.2	336	70.4
14	2.9	44	9.3	88	18.6	176	37.2	352	74.4
16	3.4	46	9.7	92	19.4	184	38.8	368	77.6
18	3.8	48	10.1	96	20.2	192	40.4	384	80 8
20	4.2	50	10.5	100	21	200	42	400	84
22	4.6	52	10.9	104	21.8	208	43.6	416	87.2
24	5	54	11.3	108	22.6	216	45.2	432	90.4
26	5.5	56	11.8	112	23.6	224	47.2	448	94.4
28	5.9	58	12.2	116	24.4	232	48.8	464	97.6
30	6.3	60	12.6	120	25.2	240	50.4	480	100.8

RECOMMENDED MINIMUM TANK VOLUMES ACCORDING TO PUMP TYPE TABLE-3

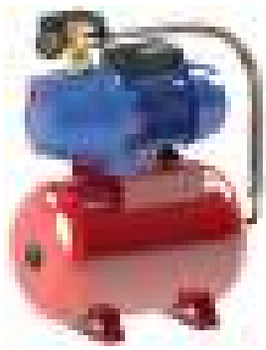
PUMP TYPE	LITERS	PUMP TYPE	LITERS
SHT 6 x 1	80 lt	SHT 34 x 1	750 lt
SHT 8 x 1	100 lt	SHT 32 x 1	500 lt
SHT 12 x 1	200 lt	SHT 40 x 1	750 lt
SHT 16 x 1	300 lt	SHT 50 x 1	1000 lt
SHT 24 x 1	500 lt	SHT 65 x 1	2000 lt

NOTE: 16 Bar expansion tank should be used in pump types over 10 bar.

Introduction of tables; determine the pressure according to the number of floors from Table-1. From Table-2, set the flow (m3/h) according to the number of flats. Using these two data, combine the two data in the curves of the products in the water booster group and select the most suitable pump type that remains in the curve. From Table-3, the minimum tank volume for a pump is selected according to the selected pump type.

SMJH 85

New Product



DEFINITION

These type of package booster sets use in buildings, villas, school, hospital and factory. Our booster set's noise level under the 84 db.

TYPE	HP	Hm	Q Max	TANK VOLUME	W mm	L mm	H mm	NUMBER OF FLAT	NUMBER OF FLOOR
SMJH 85 (FLOATER)	0.85	40	3.5	24	350	440	590	4	4
SMJKH 100 (FLOATER)	1	45	3.5	24	350	440	590	5	5
SMJH 150 (FLOATER)	1.5	53	4.5	50	350	630	720	10	5
SMJH 220 (FLOATER+CONTROL PANEL)	2.2	74	6	100	410	845	810	16	8

SMINOX H 150-4

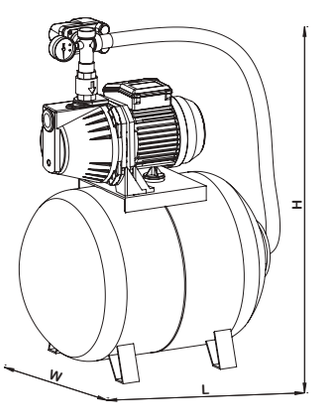


TYPE	HP	Hm	Q Max	TANK VOLUME	W mm	L mm	H mm	NUMBER OF FLAT	NUMBER OF FLOOR
SMINOX H 150/4 SMINOX H 150/4T (FLOATER)	1.5	55	5.8	50	350	650	720	12	5

SYMH 8



TYPE	HP	Hm	Q Max	TANK VOLUME	W mm	L mm	H mm	NUMBER OF FLAT	NUMBER OF FLOOR
SYMH8-220/6 SYMTH8-220/6 (FLOATER+CONTROL PANEL)	2.2	85	8	100	505	795	840	18 - 10	6 -10
SYMTH8-300/8 (FLOATER+CONTROL PANEL)	3	110	8	100	505	800	840	24 - 20	10 - 14
SYMH12-220/4 SYMTH12-220/4 (FLOATER+CONTROL PANEL)	2.2	55	12	100	505	785	840	34 - 16	6 - 8
SYMTH12-300/6 (FLOATER+CONTROL PANEL)	3	75	12	100	505	790	840	32 - 18	10 - 13



END SUCTION HORIZONTAL DOUBLE STAGE BOOSTER SETS

USAGE AREAS

This type booster sets can suction up to 4 m. Water booster systems, which provide regular and continuous water according to the required pressure at the determined pressures, are used in schools, hospitals, workplaces, public housing, hotels. Consult our company for any multi-pump systems and frequency-controlled booster sets.

It is manufactured at frequencies of 50 Hz. and 60 Hz.

SMKTA750



SMKTB750



SMKTC750



MOTOR					PUMP								
TYPE	KW	V	Hz	rpm	W mm	L mm	H mm	MANIFOLD Input	MANIFOLD Output	MAX FLOW m^3/h	CAPACITY mss	NUMBER OF FLAT	NUMBER OF FLOOR
SMKTA550	1x4	380	50	2900	500	550	600	1 1/2	1 1/2	10-15	70-50	45-70	14-8
SMKTB550	2x4	380	50	2900	950	790	700	1 1/2	2	20-30	70-50	90-140	14-8
SMKTC550	3x4	380	50	2900	1310	790	700	1 1/2	2	30-45	70-50	135-210	14-8
SMKTA750	1x5.5	380	50	2900	500	550	600	1 1/2	1 1/2	10-15	80-50	45-70	17-8
SMKTB750	2x5.5	380	50	2900	950	790	700	1 1/2	2	20-30	80-50	90-140	17-8
SMKTC750	3x5.5	380	50	2900	1310	790	700	1 1/2	2	30-45	80-50	135-210	17-8
SMKTA550/2	1x4	380	50	2900	500	550	600	2	2	10-25	55-30	45-115	10-3
SMKTB550/2	2x4	380	50	2900	950	850	700	2	3	20-50	55-30	90-230	10-3
SMKTC550/2	3x4	380	50	2900	1310	850	700	2	3	30-75	55-30	135-345	10-3
SMKTA750/2	1x5.5	380	50	2900	500	550	600	2	2	10-25	60-40	45-115	11-6
SMKTB750/2	2x5.5	380	50	2900	950	850	700	2	3	20-50	60-40	90-230	11-6
SMKTC750/2	3x5.5	380	50	2900	1310	850	700	2	3	30-75	60-40	135-345	11-6

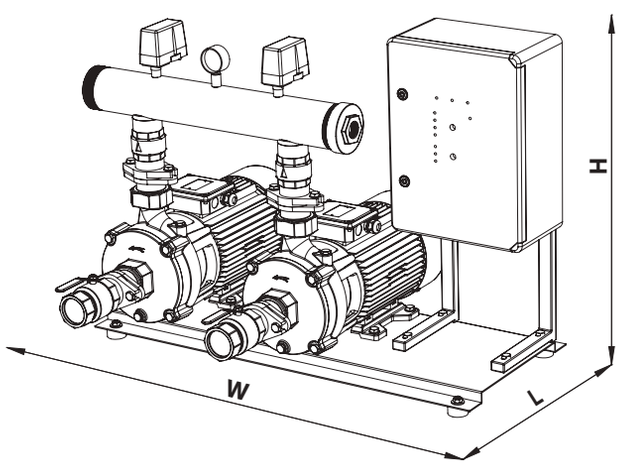
Dimension are approximately, may be change.

Note: Our booster sets manufacture as classical type with pressure switch.

Please consult our company for frequency controlled types.

SM K T A 550 2

- **Number of Pumps Stages**
- **Pump Power (HP)**
- **Number of Pumps A=1 B=2 C=3**
- **Three phase**
- **Multi stage**
- **Pump Type**



COMPLETELY STAINLESS STEEL END SUCTION HORIZONTAL MULTI STAGE BOOSTER SETS

USAGE AREAS

This type booster sets can suction up to 4 m. Water booster systems, which provide regular and continuous water according to the required pressure at the determined pressures, are used in schools, hospitals, workplaces, public housing, hotels. Also it's suitable for hygienic areas because of all surfaces contact with water are stainless steel. Consult our company for any multi-pump systems and frequency-controlled booster sets.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

SMINOX12A220/2



SMINOX12B220/2



SMINOX12C220/2

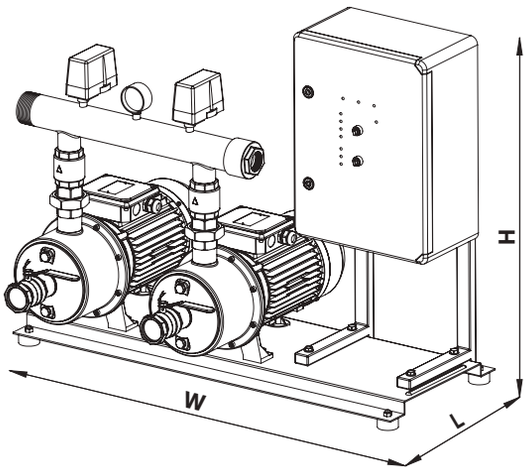


MOTOR						PUMP								
TYPE	KW	V MONO	V TRİ	H	rpm	W mm	L mm	H mm	MANIFOLD Input	MANIFOLD Output	MAX FLOW m^3/h	CAPACITY mss	NUMBER OF FLAT	NUMBER OF FLOOR
SMINOX12A220/2	1x1.6	220	380	50	2900	480	520	495	$1^{1/4}$	$1^{1/4}$	9 - 3	27 - 45	40 - 14	2 - 7
SMINOX12B220/2	2x1.6	220	380	50	2900	850	520	700	$1^{1/4}$	2”	18 - 6	27 - 45	80 - 28	2 - 7
SMINOX12C220/2	3x1.6	220	380	50	2900	1155	520	700	$1^{1/4}$	2”	27 - 9	27 - 45	120 - 42	2 - 7
SMINOX12A300/3T	1x2.2	-	380	50	2900	480	520	495	$1^{1/4}$	$1^{1/4}$	9 - 3	35 - 60	40 - 14	4 - 11
SMINOX12B300/3T	2x2.2	-	380	50	2900	850	520	700	$1^{1/4}$	2”	18 - 6	35 - 60	80 - 28	4 - 11
SMINOX12C300/3T	3x2.2	-	380	50	2900	1155	520	700	$1^{1/4}$	2”	27 - 9	35 - 60	120 - 42	4 - 11

Dimension are approximately, may be change.
Note: Our booster sets manufacture as classical type with pressure switch.
Please consult our company for frequency controlled types.

SMINOX 12 A 220 2

- Number of Pumps Stages
- Pump Power (HP)
- Number of Pumps A=1 B=2 C=3
- Max.Pump Flow
- Pump Type



COMPLETELY STAINLESS STEEL VERTICAL INLINE MULTI STAGE PUMPS

SHTP8-300/10

Shaft Housing



DEFINITION

Stainless steel, vertical multi stage pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps 2.2-4 HP multi stage, all surfaces contact with water are stainless steel and silent woking because of the inline design. It's suitable for discharge the water up to 120 Hm and -15°C between +120°C. Also it's suitable used in treatment plants, food industry, hot water application for buildings as booster set up to maximum 17 floors – 72 flats.

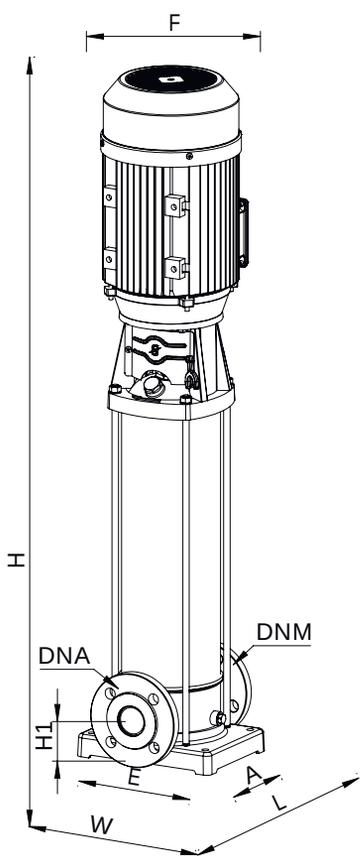
MATERIAL PROPERTIES

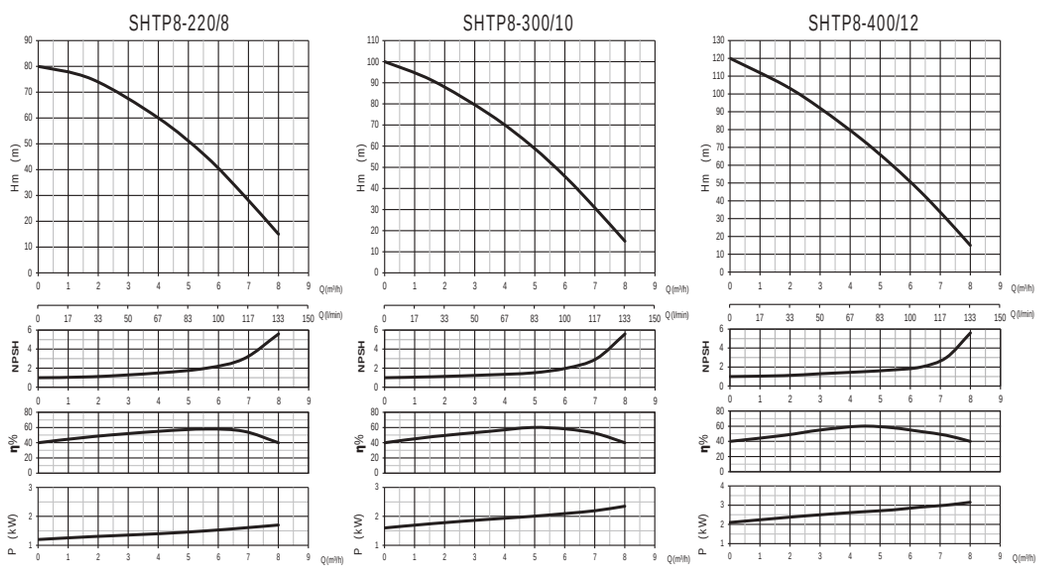
PUMP BODY	AISI 304 INOX
IMPELLER	AISI 304 INOX
STAGED DIFFUSER	AISI 304 INOX
SHAFT	AISI 304 INOX
FLOW RATE (max.)	8 m³/hour
TOTAL HEAD (max.)	120 m
LIQUID PUMPING TEMPERATURE	0-45°C - 120°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Cartridge Type
PUMP DURABILITY PRESSURE (Pmax)	16 bar

TECHNICAL SPECIFICATIONS

MOTOR									PUMP									
TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	Suction m	Input Output	KG	m³/h	1	3	5	8	10	12	16
SHTP8-220/8	1.6	2.2	-	380	50	-	4.2	2900	-	1 1/2 1 1/2	40	mss	78	68	50	15	-	-	-
SHTP8-300/10	2.2	3	-	380	50	-	5.2	2900	-	1 1/2 1 1/2	41		95	80	60	15	-	-	-
SHTP8-400/12	3	4	-	380	50	-	6.2	2900	-	1 1/2 1 1/2	43		110	90	65	20	-	-	-

DIMENSIONS									
Type	W	L	H	H1	A	E	F	DNA	DNM
SHTP8-220/8	240	242	814	80	160	220	211	G 1 1/2	G 1 1/2
SHTP8-300/10	240	242	867	80	160	220	211	G 1 1/2	G 1 1/2
SHTP8-400/12	240	242	928	80	160	220	211	G 1 1/2	G 1 1/2





COMPLETELY STAINLESS STEEL VERTICAL INLINE MULTI STAGE BOOSTER SETS

USAGE AREAS

These type of systems, which provide regular and continuous water according to the required pressure at the determined pressures, are used in schools, hospitals, workplaces, public housing, hotels. Also it's suitable for hygienic areas because of all surfaces contact with water are stainless steel. Consult our company for any multi-pump systems and frequency-controlled booster sets.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

SHTP8A



SHTP8B



SHTP8C

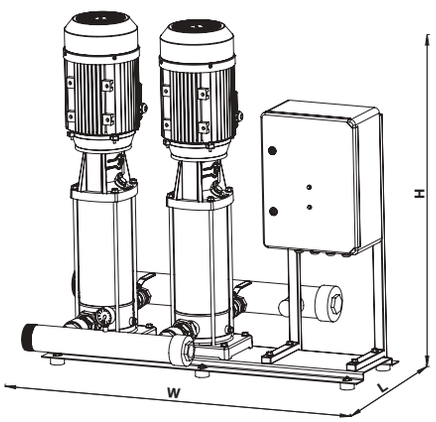


MOTOR					PUMP								
TYPE	KW	V	Hz	rpm	W mm	L mm	H mm	MANIFOLD INPUT	MANIFOLD OUTPUT	MAX FLOW m^3/h	CAPACITY mss	NUMBER OF FLAT	NUMBER OF FLOOR
SHTP8A-220/8	1 x 1.6	380	50	2900	360	405	867	$1^{1/2}$	$1^{1/2}$	4 - 5	60 - 50	18 - 24	11 - 8
SHTP8B-220/8	2 x 1.6	380	50	2900	1000	750	867	2"	2"	8 - 10	60 - 50	36 - 48	11 - 8
SHTP8C-220/8	3 x 1.6	380	50	2900	1300	750	867	2"	2"	12 - 15	60 - 50	54 - 72	11 - 8
SHTP8A-300/10	1 x 2.2	380	50	2900	360	405	927	$1^{1/2}$	$1^{1/2}$	4 - 5	70 - 60	18 - 24	14 - 11
SHTP8B-300/10	2 x 2.2	380	50	2900	1000	750	927	2"	2"	8 - 10	70 - 60	36 - 48	14 - 11
SHTP8C-300/10	3 x 2.2	380	50	2900	1300	750	927	2"	2"	12 - 15	70 - 60	54 - 72	14 - 11
SHTP8A-400/12	1 x 3	380	50	2900	360	405	987	$1^{1/2}$	$1^{1/2}$	4 - 5	80 - 70	18 - 24	17 - 14
SHTP8B-400/12	2 x 3	380	50	2900	1000	750	987	2"	2"	8 - 10	80 - 70	36 - 48	17 - 14
SHTP8C-400/12	3 x 3	380	50	2900	1300	750	987	2"	2"	12 - 15	80 - 70	54 - 72	17 - 14

Dimension are approximately, may be change.
Note: Our booster sets manufacture as classical type with pressure switch.
Please consult our company for frequency controlled types.

SH T P 8 A 30010

- Pump Type
- M: Single phase T: Three phase
- Stainless
- Max. Pump Flow
- Number of Pumps A=1 B=2 C=3
- Pump Power (220=2.2HP-300=3.0HP)
- Number of Pumps Stages



COMPLETELY STAINLESS STEEL VERTICAL INLINE MULTI STAGE PUMPS

SHTP16-750/12



DEFINITION

Stainless steel, vertical multi stage pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps 5.5-7.5 HP multi stage, all surfaces contact with water are stainless steel and silent woking because of the inline design. It's suitable for discharge the water up to 155 Hm and -15°C between +120°C. Also it's suitable used in treatment plants, food industry, hot water application for buildings as booster set up to maximum 30 floors – 144 flats.

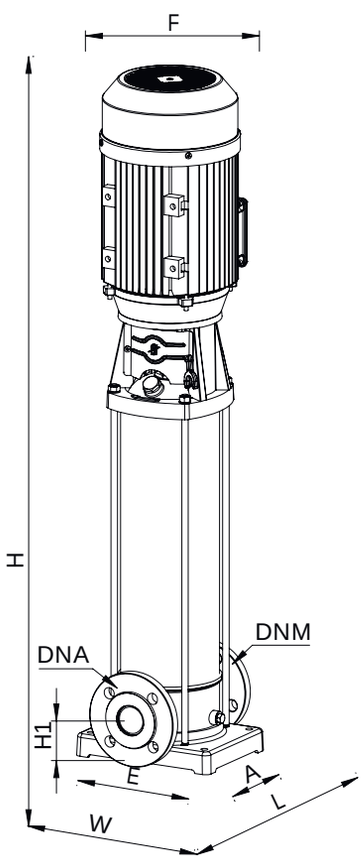
MATERIAL PROPERTIES

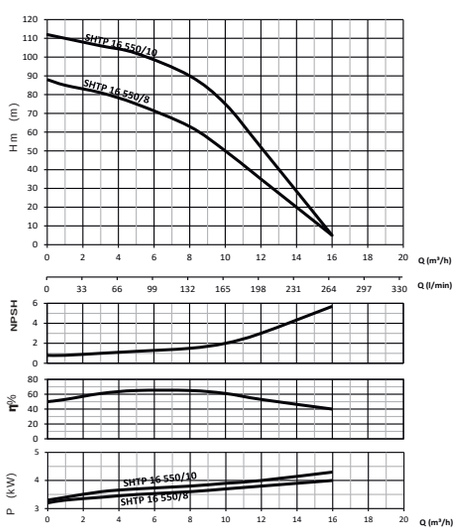
PUMP BODY	AISI 304 INOX
IMPELLER	AISI 304 INOX
STAGED DIFFUSER	AISI 304 INOX
SHAFT	AISI 304 INOX
FLOW RATE (max.)	16 m³/hour
TOTAL HEAD (max.)	155 m
LIQUID PUMPING TEMPERATURE	0-45°C - 120°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Cartridge Type
PUMP DURABILITY PRESSURE (Pmax)	16 bar

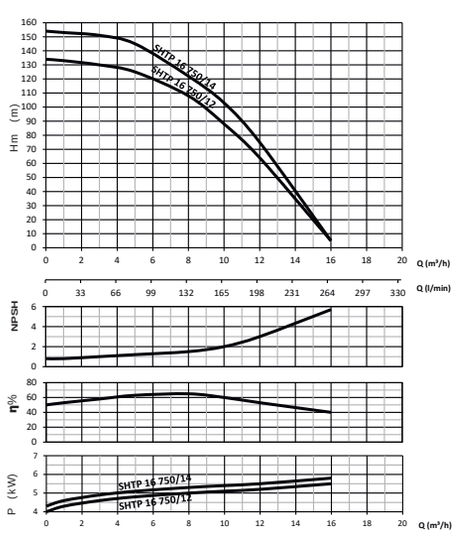
TECHNICAL SPECIFICATIONS

MOTOR									PUMP									
TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	Suction m	Input Output	KG	m³/h	1	3	5	8	10	12	16
SHTP16-550/8	4	5.5	-	380	50	-	6	2900	-	1 1/2 1 1/2	51	mss	85	81	75	63	50	35	5
SHTP16-550/10	4	5.5	-	380	50	-	7.7	2900	-	1 1/2 1 1/2	52		110	106	102	90	75	52	5
SHTP16-750/12	5.5	7.5	-	380	50	-	9.5	2900	-	1 1/2 1 1/2	55		133	130	125	108	88	64	5
SHTP16-750/14	5.5	7.5	-	380	50	-	11.2	2900	-	1 1/2 1 1/2	56		153	150	145	122	103	75	5

DIMENSIONS									
Type	W	L	H	H1	A	E	F	DNA	DNM
SHTP16-550/8	240	242	899	80	160	220	211	G 1 1/2	G 1 1/2
SHTP16-550/10	240	242	959	80	160	220	211	G 1 1/2	G 1 1/2
SHTP16-750/12	240	242	1020	80	160	220	211	G 1 1/2	G 1 1/2
SHTP16-750/14	240	242	1081	80	160	220	211	G 1 1/2	G 1 1/2







COMPLETELY STAINLESS STEEL VERTICAL INLINE MULTI STAGE BOOSTER SETS

USAGE AREAS

These type of systems, which provide regular and continuous water according to the required pressure at the determined pressures, are used in schools, hospitals, workplaces, public housing, hotels. Also it's suitable for hygienic areas because of all surfaces contact with water are stainless steel. Consult our company for any multi-pump systems and frequency-controlled booster sets.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

SHTP8A



SHTP8B



SHTP8C

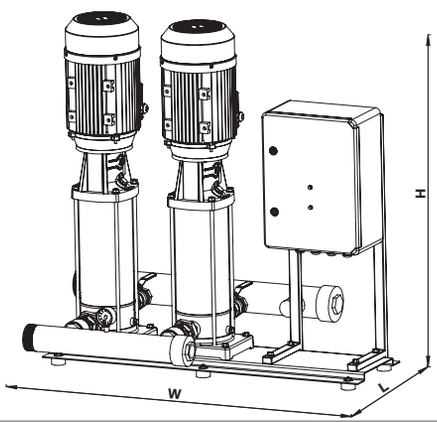


MOTOR					PUMP							
TYPE	KW	V	Hz	rpm	W mm	L mm	H mm	MANIFOLD INPUT	MANIFOLD OUTPUT	MAX FLOW m^3/h	CAPACITY mss	NUMBER OF FLAT	NUMBER OF FLOOR
SHTP16A-550/8	1 x 4	380	50	2900	360	405	960	1 1/2	1 1/2	2.5 - 10	60 - 45	24 - 48	11 - 7
SHTP16B-550/8	2 x 4	380	50	2900	1000	800	960	3"	2 1/2	5 - 20	60 - 45	48 - 96	11 - 7
SHTP16C-550/8	3 x 4	380	50	2900	1300	800	960	3"	2 1/2	7.5 - 30	60 - 45	72 - 144	11 - 7
SHTP16A-550/10	1 x 4	380	50	2900	360	405	1020	1 1/2	1 1/2	5 - 10	100 - 75	24 - 48	23 - 15
SHTP16B-550/10	2 x 4	380	50	2900	1000	800	1020	3"	2 1/2	10 - 20	100 - 75	48 - 96	23 - 15
SHTP16C-550/10	3 x 4	380	50	2900	1300	800	1020	3"	2 1/2	15 - 30	100 - 75	72 - 144	23 - 15
SHTP16A-750/12	1 x 5.5	380	50	2900	360	405	1081	1 1/2	1 1/2	6 - 10	120 - 85	28 - 48	28 - 19
SHTP16B-750/12	2 x 5.5	380	50	2900	1000	800	1081	3"	2 1/2	12 - 20	120 - 85	56 - 96	28 - 19
SHTP16C-750/12	3 x 5.5	380	50	2900	1300	800	1081	3"	2 1/2	18 - 30	120 - 85	85 - 144	28 - 19
SHTP16A-750/14	1 x 5.5	380	50	2900	360	405	1042	1 1/2	1 1/2	7 - 10	130 - 95	32 - 48	32 - 22
SHTP16B-750/14	2 x 5.5	380	50	2900	1000	800	1042	3"	2 1/2	14 - 20	130 - 95	64 - 96	32 - 22
SHTP16C-750/14	3 x 5.5	380	50	2900	1300	800	1042	3"	2 1/2	21 - 30	130 - 95	96 - 144	32 - 22

Dimension are approximately, may be change.
Note: Our booster sets manufacture as classical type with pressure switch.
Please consult our company for frequency controlled types.

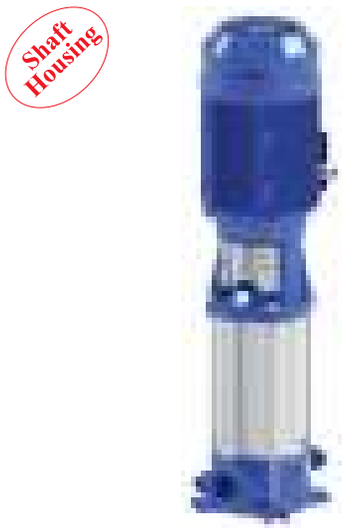
SH T P 8 A 30010

- Number of Pumps Stages
- Pump Power (220=2.2HP-300=3.0HP)
- Number of Pumps A=1 B=2 C=3
- Max. Pump Flow
- Stainless
- M: Single phase T: Three phase
- Pump Type



STAINLESS STEEL IMPELLER AND DIFFUSER VERTICAL INLINE MULTI STAGE PUMPS

SHTPD8-300/10



DEFINITION

Stainless steel, vertical multi stage pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps 2.2-4 HP multi stage, all surfaces contact with water are stainless steel and silent woking because of the inline design. It's suitable for discharge the water up to 120 Hm and 0°C between +120°C. Also it's suitable used in treatment plants, food industry, hot water application for buildings as booster set up to maximum 17 floors – 72flats.

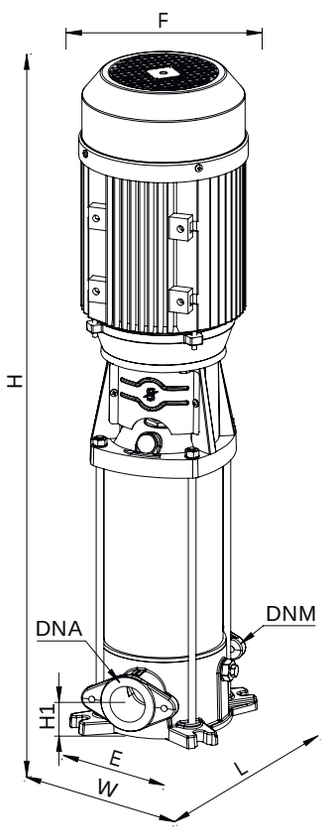
MATERIAL PROPERTIES

PUMP HOUSİNG	GG25
IMPELLER	AISI 304 INOX
STAGED DIFFUSER	AISI 304 INOX
SHAFT	AISI 304 INOX
FLOW RATE (max.)	8 m³/hour
TOTAL HEAD (max.)	120 m
LIQUID PUMPING TEMPERATURE	0-45°C - 120°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Cartridge Type
PUMP DURABILITY PRESSURE (Pmax)	16 bar

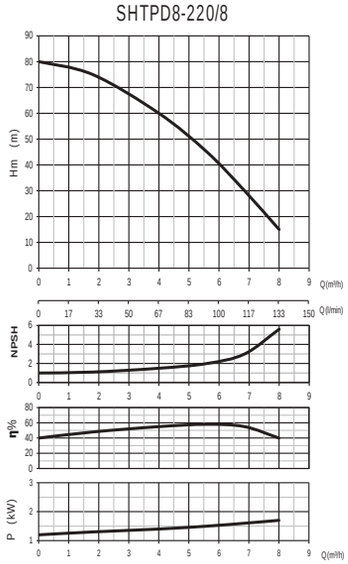
TECHNICAL SPECIFICATIONS

MOTOR									PUMP									
TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	Suction m	Input Output	KG	m³/h	1	3	5	8	10	12	16
SHTPD8-220/8	1.6	2.2	-	380	50	-	4.2	2900	-	1 1/2 1 1/2	40	mss	78	68	50	15	-	-	-
SHTPD8-300/10	2.2	3	-	380	50	-	5.2	2900	-	1 1/2 1 1/2	41		95	80	60	15	-	-	-
SHTPD8-400/12	3	4	-	380	50	-	6.2	2900	-	1 1/2 1 1/2	43		110	90	65	15	-	-	-

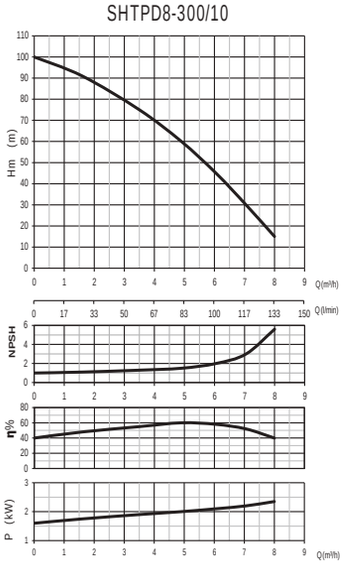
DIMENSIONS								
Type	W	L	H	H1	E	F	DNA	DNM
SHTPD8-220/8	205	264	807	62	180	212	G 1 1/2	G 1 1/2
SHTPD8-300/10	205	264	867	62	180	227	G 1 1/2	G 1 1/2
SHTPD8-400/12	205	264	928	62	180	248	G 1 1/2	G 1 1/2



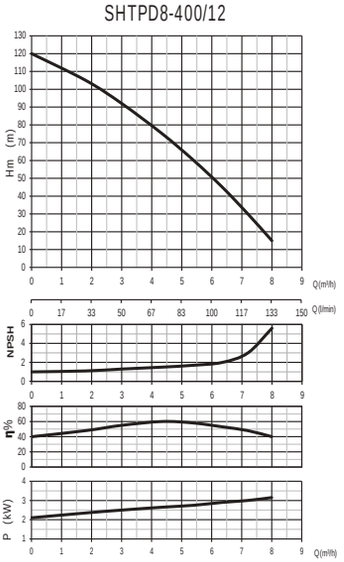
SHTPD8-220/8



SHTPD8-300/10



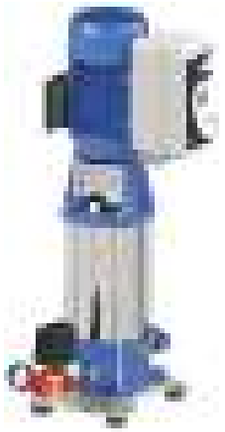
SHTPD8-400/12



USAGE AREAS

These type of systems, which provide regular and continuous water according to the required pressure at the determined pressures, are used in schools, hospitals, workplaces, public housing, hotels. Also it's suitable for all areas because of all surfaces (except receving body) contact with water are stainless steel. Consult our company for any multi-pump systems and frequency-controlled booster sets.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

SHTPD8A



SHTPD8B



SHTPD8C

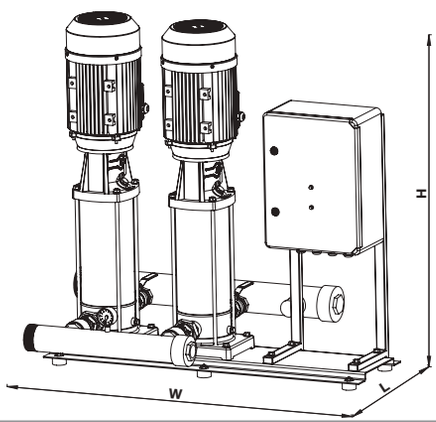


MOTOR					PUMP								
TYPE	KW	V	Hz	rpm	W mm	L mm	H mm	MANIFOLD INPUT	MANIFOLD OUTPUT	MAX FLOW m^3/h	CAPACITY mss	NUMBER OF FLAT	NUMBER OF FLOOR
SHTPD8A-220/8	1 x 1.6	380	50	2900	360	405	867	1 1/2	1 1/2	4 - 5	60 - 50	18 - 24	11 - 8
SHTPD8B-220/8	2 x 1.6	380	50	2900	1000	750	867	2”	2”	8 - 10	60 - 50	36 - 48	11 - 8
SHTPD8C-220/8	3 x 1.6	380	50	2900	1300	750	867	2”	2”	12 - 15	60 - 50	54 - 72	11 - 8
SHTPD8A-300/10	1 x 2.2	380	50	2900	360	405	927	1 1/2	1 1/2	4 - 5	70 - 60	18 - 24	14 - 11
SHTPD8B-300/10	2 x 2.2	380	50	2900	1000	750	927	2”	2”	8 - 10	70 - 60	36 - 48	14 - 11
SHTPD8C-300/10	3 x 2.2	380	50	2900	1300	750	927	2”	2”	12 - 15	70 - 60	54 - 72	14 - 11
SHTPD8A-400/12	1 x 3	380	50	2900	360	405	987	1 1/2	1 1/2	4 - 5	80 - 70	18 - 24	17 - 14
SHTPD8B-400/12	2 x 3	380	50	2900	1000	750	987	2”	2”	8 - 10	80 - 70	36 - 48	17 - 14
SHTPD8C-400/12	3 x 3	380	50	2900	1300	750	987	2”	2”	12 - 15	80 - 70	54 - 72	17 - 14

Dimension are approximately, may be change.
Note: Our booster sets manufacture as classical type with pressure switch.
Please consult our company for frequency controlled types.

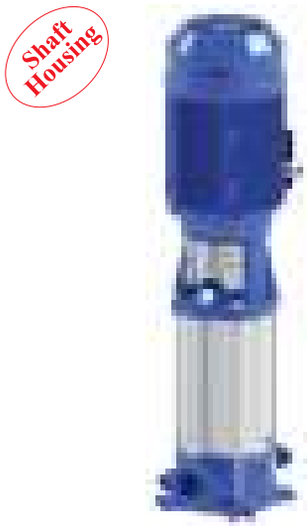
SH T P D 8 A 30010

- Number of Pumps Stages
- Pump Power (220=2.2HP-300=3.0HP)
- Number of Pumps A=1 B=2 C=3
- Max. Pump Flow
- GG25 Pump Housing
- Stainless Hydraulic Part
- M: Single phase T: Three phase
- Pump Type



STAINLESS STEEL IMPELLER AND DIFFUSER VERTICAL INLINE MULTI STAGE PUMPS

SHTPD16-750/12



DEFINITION

Stainless steel, vertical multi stage pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps 5.5-7.5 HP multi stage, all surfaces contact with water are stainless steel and silent woking because of the inline design. It's suitable for discharge the water up to 155 Hm and 0°C between +120°C. Also it's suitable used in treatment plants, food industry, hot water application for buildings as booster set up to maximum 30 floors – 144 flats.

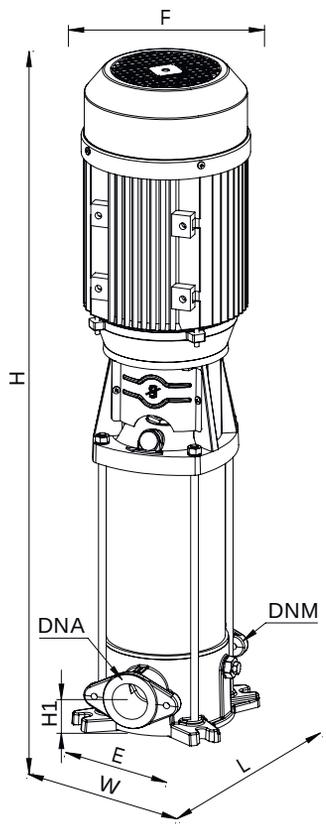
MATERIAL PROPERTIES

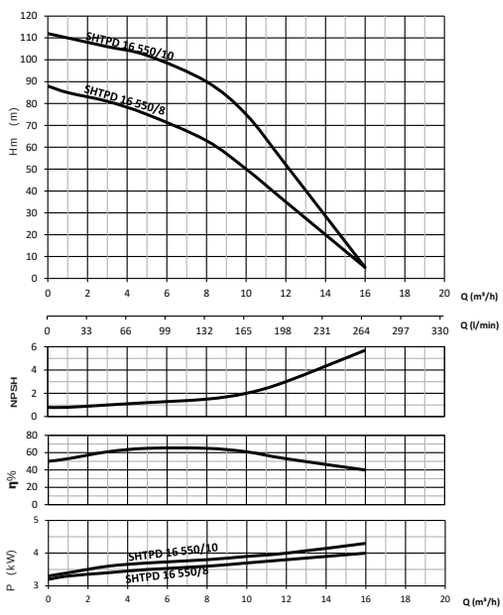
PUMP HOUSİNG	GG25
IMPELLER	AISI 304 INOX
STAGED DIFFUSER	AISI 304 INOX
SHAFT	AISI 304 INOX
FLOW RATE (max.)	16 m³/hour
TOTAL HEAD (max.)	155 m
LIQUID PUMPING TEMPERATURE	0-45°C - 120°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Cartridge Type
PUMP DURABILITY PRESSURE (Pmax)	16 bar

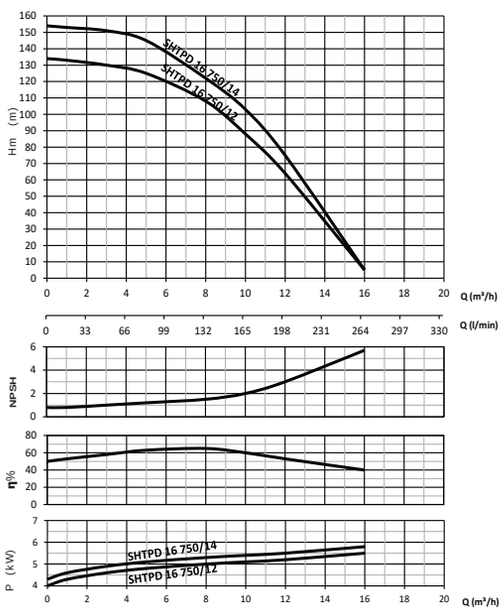
TECHNICAL SPECIFICATIONS

MOTOR									PUMP									
TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	Suction m	Input Output	KG	m³/h	1	3	5	8	10	12	16
SHTPD16-550/8	4	5.5	-	380	50	-	6	2900	-	1 1/2 1 1/2	51	mss	85	81	75	63	50	35	5
SHTPD16-550/10	4	5.5	-	380	50	-	7.7	2900	-	1 1/2 1 1/2	52		110	106	102	90	75	52	5
SHTPD16-750/12	5.5	7.5	-	380	50	-	9.5	2900	-	1 1/2 1 1/2	55		133	130	125	108	88	64	5
SHTPD16-750/14	5.5	7.5	-	380	50	-	11.2	2900	-	1 1/2 1 1/2	56		153	150	145	122	103	75	5

DIMENSIONS								
Type	W	L	H	H1	E	F	DNA	DNM
SHTPD16-550/8	205	264	899	62	180	230	G 1 1/2	G 1 1/2
SHTPD16-550/10	205	264	959	62	180	235	G 1 1/2	G 1 1/2
SHTPD16-750/12	205	264	1020	62	180	255	G 1 1/2	G 1 1/2
SHTPD16-750/14	205	264	1081	62	180	260	G 1 1/2	G 1 1/2



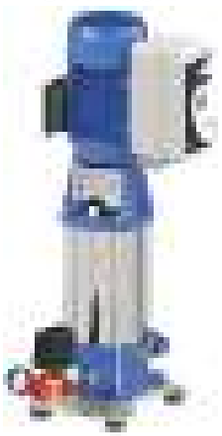




USAGE AREAS

These type of systems, which provide regular and continuous water according to the required pressure at the determined pressures, are used in schools, hospitals, workplaces, public housing, hotels. Also it's suitable for all areas because of all surfaces (except receving body) contact with water are stainless steel. Consult our company for any multi-pump systems and frequency-controlled booster sets.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

SHTPD8A



SHTPD8B



SHTPD8C

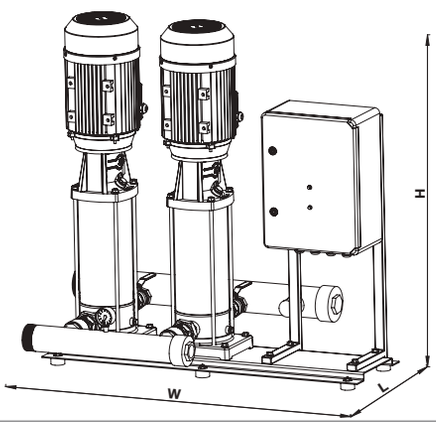


MOTOR					PUMP								
TYPE	KW	V	Hz	rpm	W mm	L mm	H mm	MANIFOLD INPUT	MANIFOLD OUTPUT	MAX FLOW m^3/h	CAPACITY mss	NUMBER OF FLAT	NUMBER OF FLOOR
SHTPD16A-550/8	1 x 4	380	50	2900	360	405	960	$1^{1/2}$	$1^{1/2}$	2.5 - 10	60 - 45	24 - 48	11 - 7
SHTPD16B-550/8	2 x 4	380	50	2900	1000	800	960	3”	$2^{1/2}$	5 - 20	60 - 45	48 - 96	11 - 7
SHTPD16C-550/8	3 x 4	380	50	2900	1300	800	960	3”	$2^{1/2}$	7.5 - 30	60 - 45	72 - 144	11 - 7
SHTPD16A-550/10	1 x 4	380	50	2900	360	405	1020	$1^{1/2}$	$1^{1/2}$	5 - 10	100 - 75	24 - 48	23 - 15
SHTPD16B-550/10	2 x 4	380	50	2900	1000	800	1020	3”	$2^{1/2}$	10 - 20	100 - 75	48 - 96	23 - 15
SHTPD16C-550/10	3 x 4	380	50	2900	1300	800	1020	3”	$2^{1/2}$	15 - 30	100 - 75	72 - 144	23 - 15
SHTPD16A-750/12	1 x 5.5	380	50	2900	360	405	1081	$1^{1/2}$	$1^{1/2}$	6 - 10	120 - 85	28 - 48	28 - 19
SHTPD16B-750/12	2 x 5.5	380	50	2900	1000	800	1081	3”	$2^{1/2}$	12 - 20	120 - 85	56 - 96	28 - 19
SHTPD16C-750/12	3 x 5.5	380	50	2900	1300	800	1081	3”	$2^{1/2}$	18 - 30	120 - 85	85 - 144	28 - 19
SHTPD16A-750/14	1 x 5.5	380	50	2900	360	405	1042	$1^{1/2}$	$1^{1/2}$	7 - 10	130 - 95	32 - 48	32 - 22
SHTPD16B-750/14	2 x 5.5	380	50	2900	1000	800	1042	3”	$2^{1/2}$	14 - 20	130 - 95	64 - 96	32 - 22
SHTPD16C-750/14	3 x 5.5	380	50	2900	1300	800	1042	3”	$2^{1/2}$	21 - 30	130 - 95	96 - 144	32 - 22

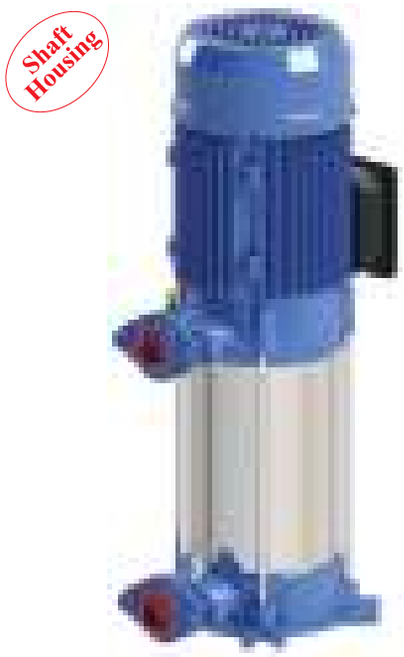
Dimension are approximately, may be change.
Note: Our booster sets manufacture as classical type with pressure switch.
Please consult our company for frequency controlled types.

SH T P D 8 A 30010

- Pump Type
- M: Single phase T: Three phase
- Stainless Hydraulic Part
- GG25 Pump Housing
- Max. Pump Flow
- Number of Pumps A=1 B=2 C=3
- Pump Power (220=2.2HP-300=3.0HP)
- Number of Pumps Stages



SHM6 - SHT6



DEFINITION

Stainless steel body, vertical multi stage pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps use in industry, hospitals, buildings, hotels, gas stations, resorts, shopping centre, social facility, fire fighting sets and supply of pressurized water.

MATERIAL PROPERTIES

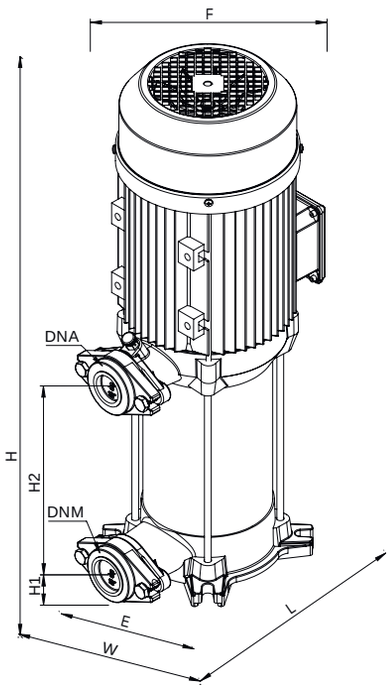
PUMP BODY	AISI 304 INOX
IMPELLER	NORYL
SHAFT	AISI 420
FLOW RATE (max.)	6 m³/hour
TOTAL HEAD (max.)	92 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	12 bar

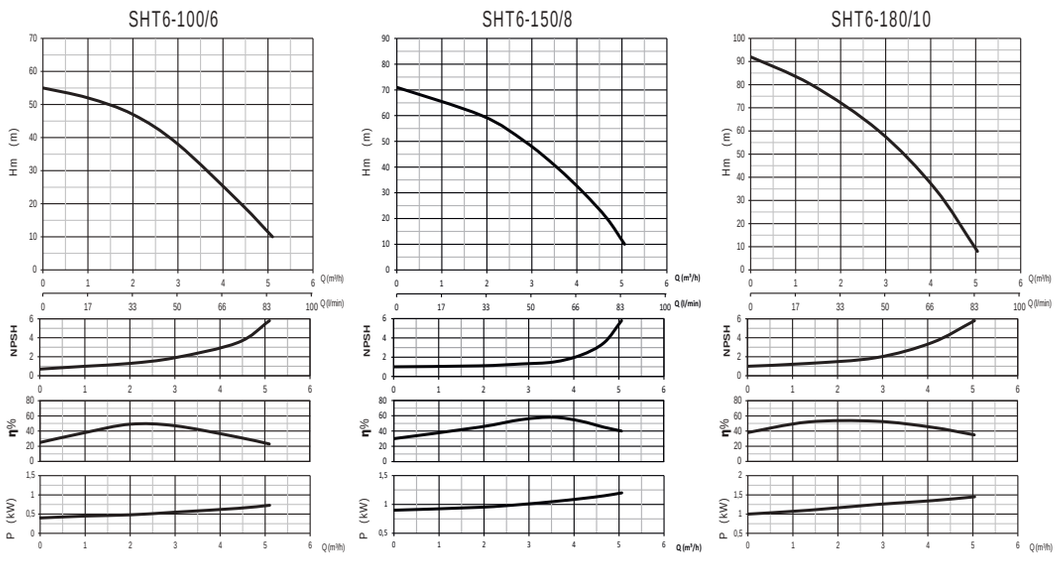
THERMAL PROTECTION IS AVAILABLE IN SHM6-100/6 – SHM6-150/8 MODELS AGAINST OVERLOADS.

TECHNICAL SPECIFICATIONS

MOTOR											PUMP							
TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	Input Output	KG	m³/h	1	2	3	4	5
SHM6-100/6 SHT6-100/6	0.75	1	220	380	50	5	2.4	2900	25	450	-	1 1/4 1''	18	mss	52	46	38	25	10
SHM6-150/8 SHT6-150/8	1.1	1.5	220	380	50	5.5	2.4	2900	25	450	-	1 1/4 1''	16		68	60	48	32	10
SHT6-180/10	1.35	1.8	-	380	50	-	3.2	2900	-	-	-	1 1/4 1''	17		83	72	57	37	10

DIMENSIONS									
Type	W	L	H	H1	H2	E	F	DNM	DNA
SHM6-100/6 SHT6-100/6	157	215	471	33	228	137	166	G 1¼	G 1"
SHM6-150/8 SHT6-150/8	157	215	471	33	279	137	166	G 1¼	G 1"
SHT6-180/10	157	215	550	33	330	137	166	G 1¼	G 1"





USAGE AREAS

These type of systems, which provide regular and continuous water according to the required pressure at the determined pressures, are used in schools, hospitals, workplaces, public housing, hotels. Consult our company for any multi-pump systems and frequency-controlled booster sets.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

SHT6 A



SHT6 B



SHT6 C

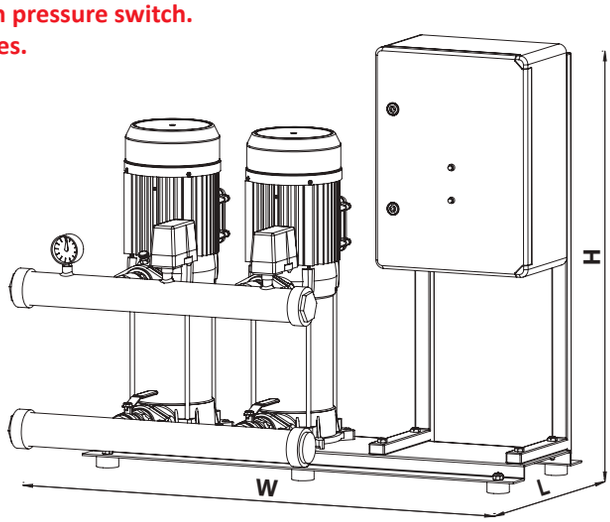


MOTOR						PUMP								
TYPE	KW	V SINGLE	V THREE	Hz	rpm	W mm	L mm	H mm	MANIFOLD INPUT	MANIFOLD OUTPUT	MAX FLOW m^3/h	CAPACITY mss	NUMBER OF FLAT	NUMBER OF FLOOR
SHT6A-100/6	1 x 0.75	220	380	50	2900	340	290	570	1 1/4	1”	2.5 - 4.0	42 - 25	12 - 15	3 - 6
SHT6B-100/6	2 x 0.75	220	380	50	2900	940	465	820	2”	2”	5.0 - 8.0	42 - 25	24 - 30	3 - 6
SHT6C-100/6	3 x 0.75	220	380	50	2900	1190	465	820	2”	2”	7.5 - 12	42 - 25	36 - 45	3 - 6
SHT6A-150/8	1 x 1.1	220	380	50	2900	340	290	570	1 1/4	1”	2.5 - 4.2	50 - 30	12 - 20	9 - 4
SHT6B-150/8	2 x 1.1	220	380	50	2900	940	465	820	2”	2”	5.0 - 8.4	50 - 30	24 - 40	9 - 4
SHT6C-150/8	3 x 1.1	220	380	50	2900	1190	465	820	2”	2”	7.5 - 12.6	50 - 30	35 - 60	9 - 4
SHT6A-180/10	1 x 1.35	-	380	50	2900	340	290	610	1 1/4	1”	2.6 - 3.4	60 - 50	12 - 16	12 - 8
SHT6B-180/10	2 x 1.35	-	380	50	2900	940	465	820	2”	2”	5.2 - 6.8	60 - 50	24 - 32	12 - 8
SHT6C-180/10	3 x 1.35	-	380	50	2900	1190	465	820	2”	2”	7.6 - 10.2	60 - 50	36 - 48	12 - 8

Dimension are approximately, may be change.
Note: Our booster sets manufacture as classical type with pressure switch.
Please consult our company for frequency controlled types.

SH M 6 A 150 8

- **Pump Type**
- **M:Single Phase T:Three Phase**
- **Max. Pump Flow**
- **Number of Pumps A=1 B=2 C=3**
- **Pump Power (HP)**
- **Number of Pump Stages**



SHM8 - SHT8



DEFINITION

Stainless steel body, vertical multi stage pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps use in industry, hospitals, buildings, hotels, gas stations, resorts, shopping centre, social facility, fire fighting sets and supply of pressurized water.

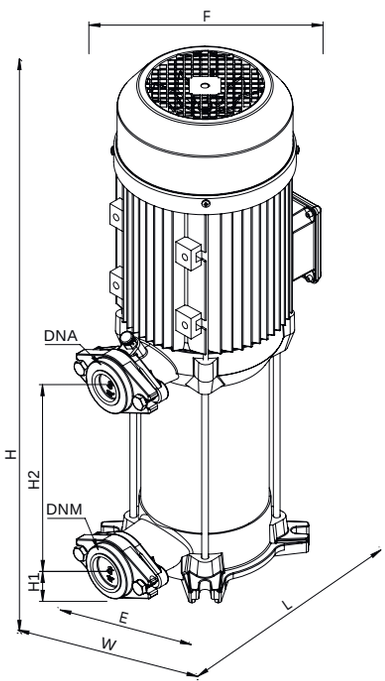
MATERIAL PROPERTIES

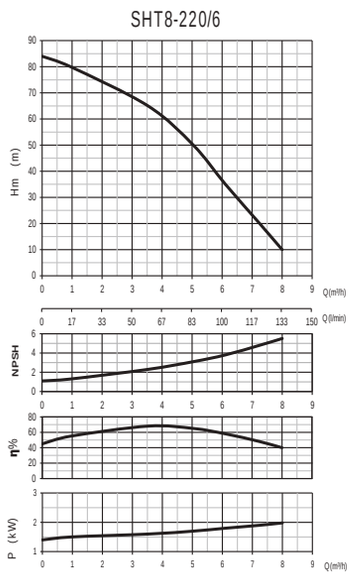
PUMP BODY	AISI 304 INOX
IMPELLER	NORYL
SHAFT	AISI 420
FLOW RATE (max.)	8 m³/hour
TOTAL HEAD (max.)	130 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	16 bar

TECHNICAL SPECIFICATIONS

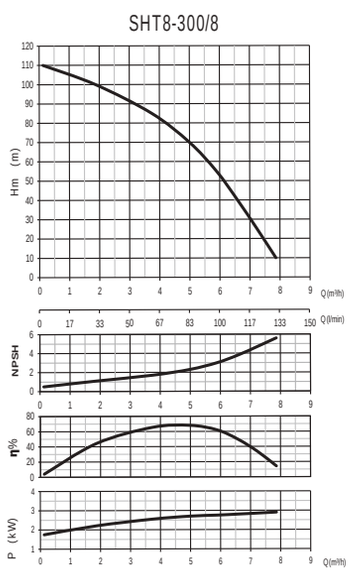
MOTOR											PUMP							
TTPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	Input Output	KG	m³/h	1	2	3	5	7
SHM8-220/6 SHT8-220/6	1.6	2.2	220	380	50	10	5.2	2900	45	450	-	1 1/4" 1"	22	mss	80	77	70	50	25
SHM8-300/8 SHT8-300/8	2.2	3	220	380	50	13.2	5.4	2900	50	450	-	1 1/4" 1"	25		105	100	90	70	30
SHT8-400/10	3	4	-	380	50	-	6.4	2900	-	-	-	1 1/4" 1"	28		127	120	110	80	38

DIMENSIONS									
Type	W	L	H	H1	H2	E	F	DNM	DNA
SHM8-220/6 SHT8-220/6	179	263	528	35	211	156	185	G 1¼	G 1"
SHM8-300/8 SHT8-300/8	179	263	600	35	257	156	185	G 1¼	G 1"
SHT8-400/10	179	263	645	35	304	156	185	G 1¼	G 1"

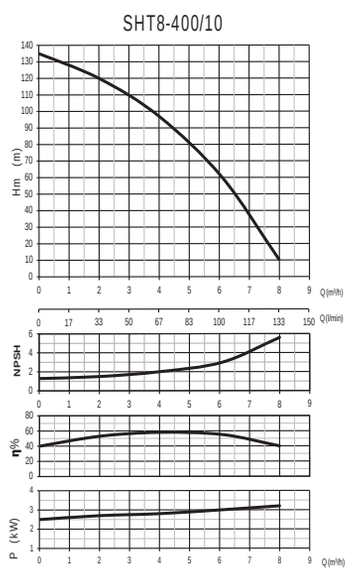




SHT8-220/6



SHT8-300/8



SHT8-400/10

USAGE AREAS

These type of systems, which provide regular and continuous water according to the required pressure at the determined pressures, are used in schools, hospitals, workplaces, public housing, hotels. Consult our company for any multi-pump systems and frequency-controlled booster sets.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

SHT8 A



SHT8 B



SHT8 C

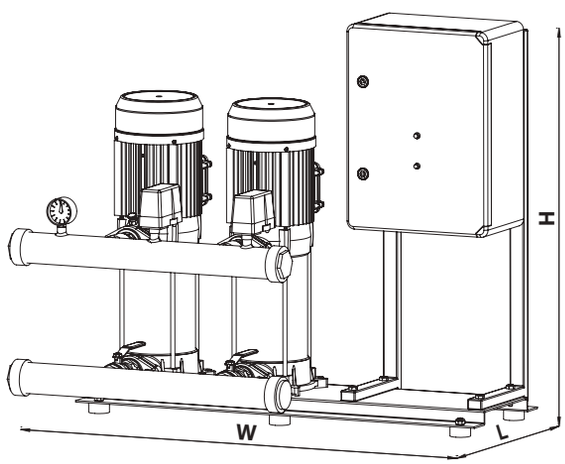


MOTOR						PUMP								
TYPE	KW	V SINGLE	V THREE	Hz	rpm	W mm	L mm	H mm	MANIFOLD INPUT	MANIFOLD OUTPUT	MAX FLOW m^3/h	CAPACITY mss	NUMBER OF FLAT	NUMBER OF FLOOR
SHT8A-220/6	1 x 1.6	220	380	50	2900	350	290	610	1 1/4	1 1/4	3.5 - 6	70 - 40	16 - 28	14 - 6
SHT8B-220/6	2 x 1.6	220	380	50	2900	940	465	820	2”	2”	7 - 12	70 - 40	33 - 56	14 - 6
SHT8C-220/6	3 x 1.6	220	380	50	2900	1190	465	820	2”	2”	10.5 - 18	70 - 40	48 - 86	14 - 6
SHT8A-300/8	1 x 2.2	220	380	50	2900	350	290	610	1 1/4	1 1/4	4 - 5.5	80 - 60	18 - 26	17 - 10
SHT8B-300/8	2 x 2.2	220	380	50	2900	940	465	820	2”	2”	8 - 11	80 - 60	36 - 52	17 - 10
SHT8C-300/8	3 x 2.2	220	380	50	2900	1190	465	820	2”	2”	12 - 16	80 - 60	54 - 76	17 - 10
SHT8A-400/10	1 x 3	-	380	50	2900	350	290	640	1 1/4	1 1/4	4 - 5	90 - 80	18 - 24	20 - 17
SHT8B-400/10	2 x 3	-	380	50	2900	940	465	820	2”	2”	8 - 10	90 - 80	36 - 47	20 - 17
SHT8C-400/10	3 x 3	-	380	50	2900	1190	465	820	2”	2”	12 - 15	90 - 80	54 - 70	20 - 17

Dimension are approximately, may be change.
Note: Our booster sets manufacture as classical type with pressure switch.
Please consult our company for frequency controlled types.

SH M 8 A 220 6

- Number of Pump Stages
- Pump Power (HP)
- Number of Pumps A=1 B=2 C=3
- Max. Pump Flow
- M:Single Phase T:Three Phase
- Pump Type



SHM12 - SHT12



DEFINITION

Stainless steel body, vertical multi stage pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps use in industry, hospitals, buildings, hotels, gas stations, resorts, shopping centre, social facility, fire fighting sets and supply of pressurized water.

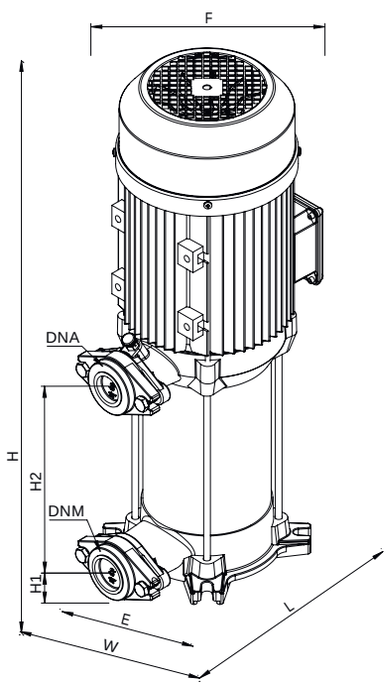
MATERIAL PROPERTIES

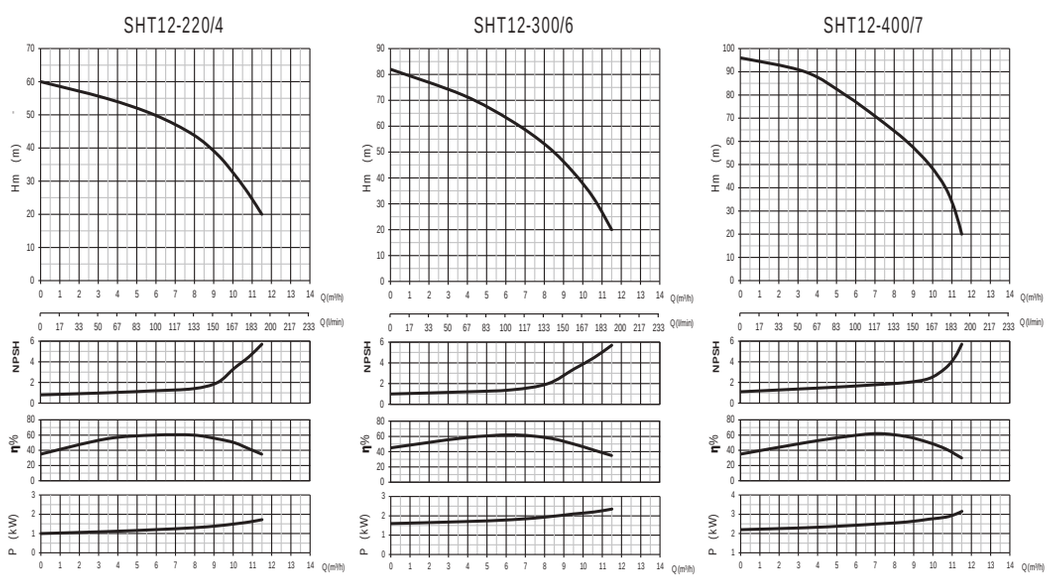
PUMP BODY	AISI 304 INOX
IMPELLER	NORYL
SHAFT	AISI 420
FLOW RATE (max.)	12 m³/hour
TOTAL HEAD (max.)	96 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	14 bar

TECHNICAL SPECIFICATIONS

MOTOR												PUMP						
TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	Input Output	KG	m³/h	2	4	6	8	10
SHM12-220/4 SHT12-220/4	1.6	2.2	220	380	50	11	5.5	2900	45	450	-	1 1/4 1 1/4	22	mss	57	53	50	43	32
SHM12-300/6 SHT12-300/6	2.2	3	220	380	50	14.2	5.7	2900	50	450	-	1 1/4 1 1/4	24		77	72	63	52	37
SHT12-400/7	3	4	-	380	50	-	8	2900	-	-	-	1 1/4 1 1/4	28		91	87	76	62	47

DIMENSIONS									
Type	W	L	H	H1	H2	E	F	DNM	DNA
SHM12-220/4 SHT12-220/4	179	270	501	35	183	156	172	G 1¼	G 1¼
SHM12-300/6 SHT12-300/6	179	270	551	35	240	156	172	G 1¼	G 1¼
SHT12-400/7	179	270	585	35	268	156	172	G 1¼	G 1¼





USAGE AREAS

These type of systems, which provide regular and continuous water according to the required pressure at the determined pressures, are used in schools, hospitals, workplaces, public housing, hotels. Consult our company for any multi-pump systems and frequency-controlled booster sets.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

SHT12 A



SHT12 B



SHT12 C

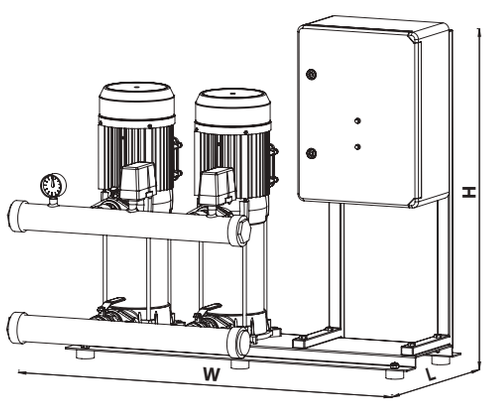


MOTOR						PUMP								
TYPE	KW	V SINGLE	V THREE	Hz	rpm	W mm	L mm	H mm	MANIFOLD INPUT	MANIFOLD OUTPUT	MAX FLOW m^3/h	CAPACITY mss	NUMBER OF FLAT	NUMBER OF FLOOR
SHT12A 220/4	1 x 1.6	220	380	50	2900	350	290	580	1 1/4	1 1/4	5 - 9	50 - 30	24 - 43	9 - 4
SHT12B 220/4	2 x 1.6	220	380	50	2900	940	465	820	2”	2”	10 - 18	50 - 30	47 - 86	9 - 4
SHT12C 220/4	3 x 1.6	220	380	50	2900	1190	465	820	2”	2”	15 - 27	50 - 30	70 - 120	9 - 4
SHT12A 300/6	1 x 2.2	220	380	50	2900	350	290	580	1 1/4	1 1/4	4 - 7.5	70 - 50	19 - 35	14 - 9
SHT12B 300/6	2 x 2.2	220	380	50	2900	940	465	820	2”	2”	8 - 15	70 - 50	38 - 70	14 - 9
SHT12C 300/6	3 x 2.2	220	380	50	2900	1190	465	820	2”	2”	12 - 22.5	70 - 50	56 -106	14 - 9
SHTA12-400/7	1 x 3	-	380	50	2900	350	290	585	1 1/4	1 1/4	3.5 - 7	80 - 70	17 - 33	17 -14
SHTB12-400/7	2 x 3	-	380	50	2900	940	465	585	2”	2”	7 - 14	80 - 70	32 - 66	17 -14
SHTC12-400/7	3 x 3	-	380	50	2900	1190	465	585	2”	2”	10 - 21	80 - 70	45 -100	17 -14

Dimension are approximately, may be change.
Note: Our booster sets manufacture as classical type with pressure switch.
Please consult our company for frequency controlled types.

SH T 12 A 300 6

- 6 — Number of Stages
- 300 — Pump Power (HP)
- A — Number of Pumps A=1 B=2 C=3
- 12 — Max. Pump Flow
- T — M:Single Phase T:Three Phase
- SH — Pump Type



SHT16



DEFINITION

Stainless steel body, vertical multi stage pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps use in industry, hospitals, buildings, hotels, gas stations, resorts, shopping centre, social facility, fire fighting sets and supply of pressurized water.

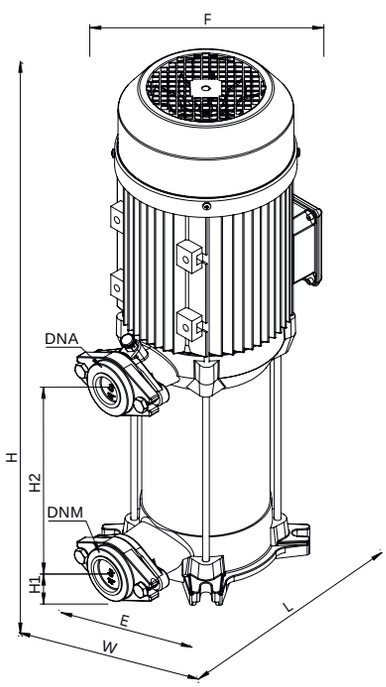
MATERIAL PROPERTIES

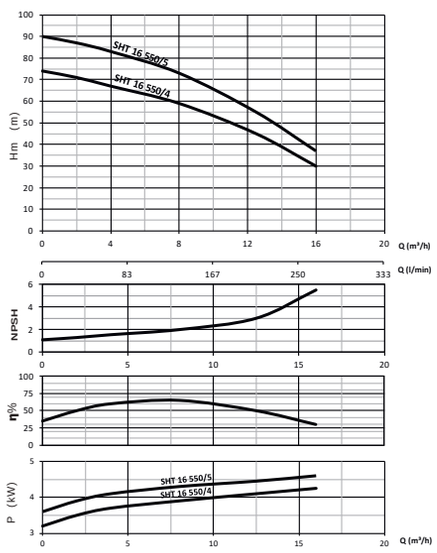
PUMP BODY	AISI 304 INOX
IMPELLER	NORYL
SHAFT	AISI 420
FLOW RATE (max.)	16 m³/hour
TOTAL HEAD (max.)	142 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	16 bar

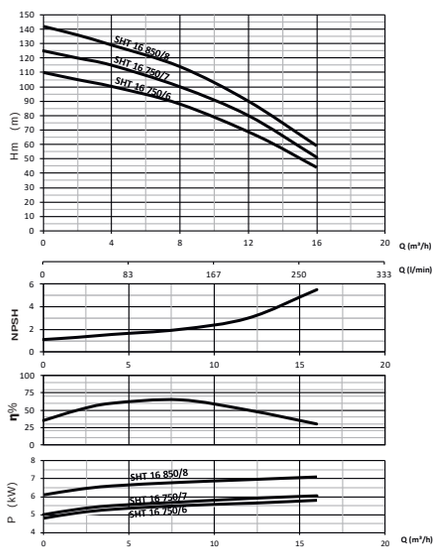
TECHNICAL SPECIFICATIONS

MOTOR									PUMP								
TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	Suction m	Input Output	KG	m³/h	2	6	10	12	16
SHT16 - 550/4	4	4	-	380	50	-	8	2900	-	1 1/2 1 1/4	37	mss	67	61	52	45	30
SHT16 - 550/5	4	4	-	380	50	-	9.7	2900	-	1 1/2 1 1/4	38		83	78	67	58	37
SHT16 - 750/6	5.5	7.5	-	380	50	-	11.2	2900	-	1 1/2 1 1/4	43		100	91	78	68	44
SHT16 - 750/7	5.5	7.5	-	380	50	-	11.4	2900	-	1 1/2 1 1/4	44		120	109	91	80	50
SHT16-850/8	6.3	8.5	-	380	50	-	12.8	2900	-	1 1/2 1 1/4	48		135	121	104	90	59

DIMENSIONS									
Type	W	L	H	H1	H2	E	F	DNM	DNA
SHT16-550/4	200	308	580	40	206	174	219	G 1¼	G 1¼
SHT16-550/5	200	308	640	40	239	174	219	G 1¼	G 1¼
SHT16-750/6	200	308	660	40	272	174	219	G 1¼	G 1¼
SHT16-750/7	200	308	690	40	305	174	219	G 1¼	G 1¼
SHT16-850/8	200	308	720	40	338	174	219	G 1¼	G 1¼







USAGE AREAS

These type of systems, which provide regular and continuous water according to the required pressure at the determined pressures, are used in schools, hospitals, workplaces, public housing, hotels. Consult our company for any multi-pump systems and frequency-controlled booster sets.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

SHT16 A



SHT16 B



SHT16C

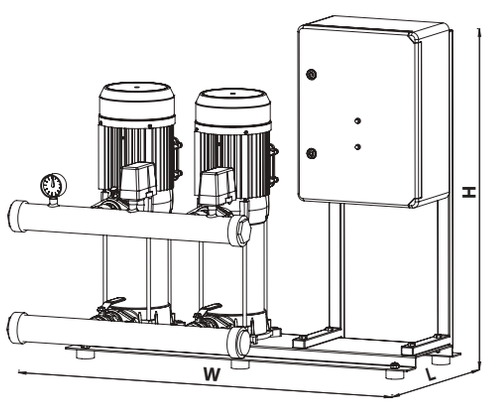


MOTOR					PUMP							
TYPE	KW	V	Hz	rpm	W mm	L mm	H mm	MANIFOLD INPUT	MANIFOLD OUTPUT	MAX FLOW m^3/h	CAPACITY mss	NUMBER OF FLAT	NUMBER OF FLOOR
SHT16A 550/4	1 x 4	380	50	2900	370	330	620	1 1/2	1 1/4	4 - 16	70 - 40	19 - 76	14 - 5
SHT16B 550/4	2 x 4	380	50	2900	940	550	820	3"	2 1/2	8 - 32	70 - 40	38 - 150	14 - 5
SHT16C 550/4	3 x 4	380	50	2900	1190	550	820	3"	2 1/2	12 - 48	70 - 40	57 - 225	14 - 5
SHT16A 550/5	1 x 4	380	50	2900	370	330	660	1 1/2	1 1/4	8 - 11	90 - 60	38 - 52	17 - 11
SHT16B 550/5	2 x 4	380	50	2900	940	550	820	3"	2 1/2	16 - 22	90 - 60	76 - 104	17 - 11
SHT16C 550/5	3 x 4	380	50	2900	1190	550	820	3"	2 1/2	24 - 33	90 - 60	112 - 152	17 - 11
SHT16A 750/6	1 x 5.5	380	50	2900	370	330	700	1 1/2	1 1/4	7 - 14	100 - 80	32 - 64	23 - 17
SHT16B 750/6	2 x 5.5	380	50	2900	940	550	820	3"	2 1/2	14 - 28	100 - 80	64 - 128	23 - 17
SHT16C 750/6	3 x 5.5	380	50	2900	1190	550	820	3"	2 1/2	21 - 42	100 - 80	100 - 200	23 - 17
SHT16A 750/7	1 x 5.5	380	50	2900	370	330	740	1 1/2	1 1/4	6 - 13	110 - 90	28 - 60	25 - 20
SHT16B 750/7	2 x 5.5	380	50	2900	940	550	820	3"	2 1/2	12 - 26	110 - 90	56 - 120	25 - 20
SHT16C 750/7	3 x 5.5	380	50	2900	1190	550	820	3"	2 1/2	18 - 39	110 - 90	81 - 180	25 - 20
SHT16A 850/8	1 x 6.3	380	50	2900	370	330	740	1 1/2	1 1/4	6 - 13	120 - 100	28 - 60	28 - 23
SHT16B 850/8	2 x 6.3	380	50	2900	940	550	820	3"	2 1/2	12 - 26	120 - 100	56 - 120	28 - 23
SHT16C 850/8	3 x 6.3	380	50	2900	1190	550	820	3"	2 1/2	18 - 39	120 - 100	81 - 184	28 - 23

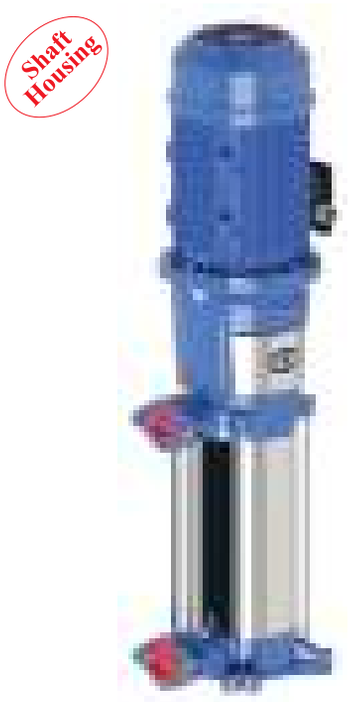
Dimension are approximately, may be change.
Note: Our booster sets manufacture as classical type with pressure switch.
Please consult our company for frequency controlled types.

SH T 16 A 750 6

- 6 — Number of Stages
- 750 — Pump Power (HP)
- A — Number of Pumps A=1 B=2 C=3
- 16 — Max. Pump Flow
- T — M:Single Phase T:Three Phase
- SH — Pump Type



SHT24



DEFINITION

Stainless steel body, vertical multi stage pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps use in industry, hospitals, buildings, hotels, gas stations, resorts, shopping centre, social facility, fire fighting sets and supply of pressurized water.

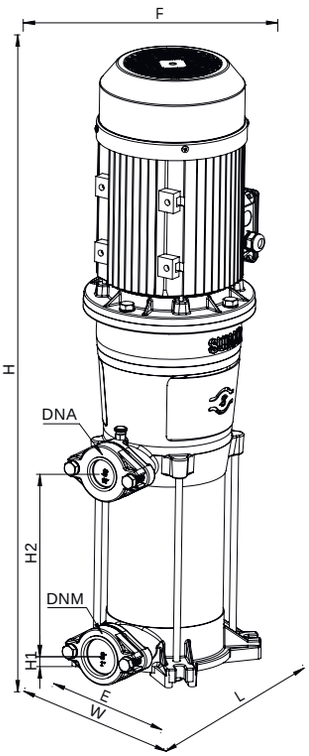
MATERIAL PROPERTIES

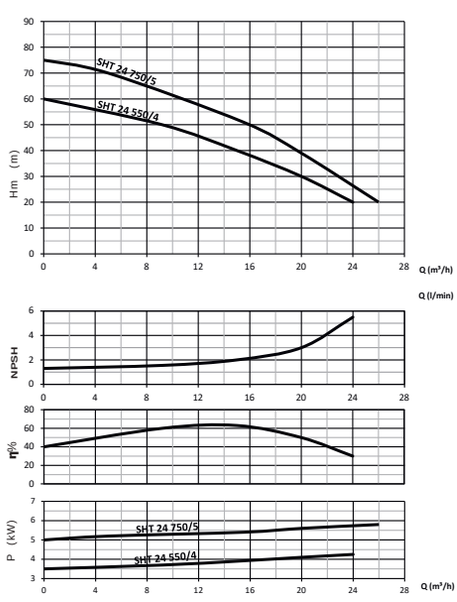
PUMP BODY	AISI 304 INOX
IMPELLER	NORYL
SHAFT	AISI 420
FLOW RATE (max.)	30 m³/hour
TOTAL HEAD (max.)	120 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	16 bar

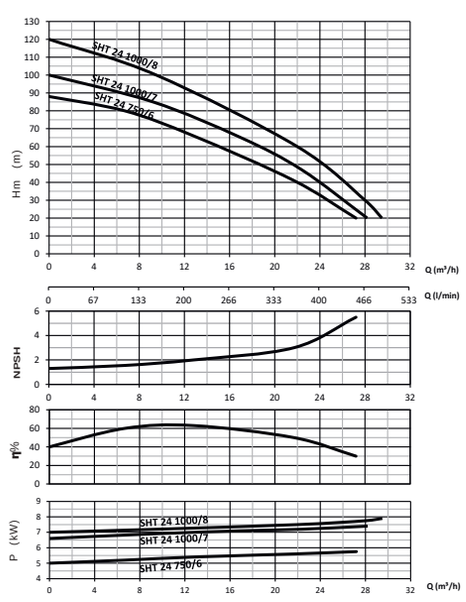
TECHNICAL SPECIFICATIONS

MOTOR									PUMP							
TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	Suction m	Input Output	KG	m³/h	8	12	16	20	24
SHT24-550/4	4	5.5	-	380	50	-	11	2900	-	2" 1½	67	mss	51	45	37	30	20
SHT24-750/5	5.5	7.5	-	380	50	-	11	2900	-	2" 1½	68		65	57	50	39	25
SHT24-750/6	5.5	7.5	-	380	50	-	11	2900	-	2" 1½	68		77	68	57	45	33
SHT24-1000/7	7.5	10	-	380	50	-	15	2900	-	2" 1½	85		87	78	67	55	40
SHT24-1000/8	7.5	10	-	380	50	-	15	2900	-	2" 1½	86		105	95	80	67	51

DIMENSIONS									
Type	W	L	H	H1	H2	E	F	DNM	DNA
SHT24-550/4	225	318	906	44	279	206	250	G 2"	G 1 1/2
SHT24-750/5	225	318	970	44	327	206	250	G 2"	G 1 1/2
SHT24-750/6	225	318	1010	44	375	206	250	G 2"	G 1 1/2
SHT24-1000/7	225	318	1120	44	423	206	250	G 2"	G 1 1/2
SHT24-1000/8	225	318	1170	44	471	206	250	G 2"	G 1 1/2







USAGE AREAS

These type of systems, which provide regular and continuous water according to the required pressure at the determined pressures, are used in schools, hospitals, workplaces, public housing, hotels. Consult our company for any multi-pump systems and frequency-controlled booster sets.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

SHT24 A



SHT24 B



SHT24 C

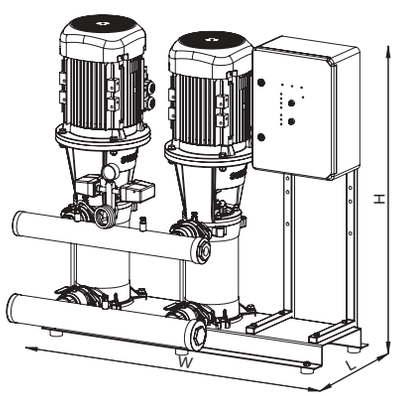


MOTOR					PUMP								
TYPE	KW	V	Hz	rpm	W mm	L mm	H mm	MANIFOLD INPUT	MANIFOLD OUTPUT	MAX FLOW m^3/h	CAPACITY mss	NUMBER OF FLAT	NUMBER OF FLOOR
SHT24A 550/4	1 x 4	380	50	2900	750	517	1065	2”	2”	9 - 20	50 - 30	42 - 95	8 - 3
SHT24B 550/4	2 x 4	380	50	2900	1105	567	1065	3”	2½	18 - 40	50 - 30	84 - 190	8 - 3
SHT24C 550/4	3 x 4	380	50	2900	1450	717	1065	DN 100	3”	27 - 60	50 - 30	126 - 285	8 - 3
SHT24A 750/5	1 x 5.5	380	50	2900	750	517	1115	2”	2”	10 - 19	60 - 40	48 - 89	11 - 6
SHT24B 750/5	2 x 5.5	380	50	2900	1105	567	1115	3”	2½	20 - 38	60 - 40	96 - 178	11 - 6
SHT24C 750/5	3 x 5.5	380	50	2900	1450	717	1115	DN 100	3”	30 - 57	60 - 40	144 - 267	11 - 6
SHT24A 750/6	1 x 5.5	380	50	2900	750	517	1165	2”	2”	11 - 18	70 - 50	52 - 85	14 - 8
SHT24B 750/6	2 x 5.5	380	50	2900	1105	567	1165	3”	2½	22 - 36	70 - 50	104 - 170	14 - 8
SHT24C 750/6	3 x 5.5	380	50	2900	1450	717	1165	DN 100	3”	33 - 54	70 - 50	156 - 255	14 - 8
SHT24A 1000/7	1 x 7.5	380	50	2900	750	517	1215	2”	2”	7 - 17	90 - 65	33 - 80	20 - 12
SHT24B 1000/7	2 x 7.5	380	50	2900	1105	567	1215	3”	2½	14 - 34	90 - 65	66 - 160	20 - 12
SHT24C 1000/7	3 x 7.5	380	50	2900	1450	717	1215	DN 100	3”	21 - 51	90 - 65	99 - 240	20 - 12
SHT24A 1000/8	1 x 7.5	380	50	2900	750	517	1265	2”	2”	9 - 16	100 - 80	42 - 76	23 - 17
SHT24B 1000/8	2 x 7.5	380	50	2900	1105	567	1265	3”	2½	18 - 32	100 - 80	84 - 152	23 - 17
SHT24C 1000/8	3 x 7.5	380	50	2900	1450	717	1265	DN 100	3”	27 - 48	100 - 80	126 - 228	23 - 17

Dimension are approximately, may be change.
Note: Our booster sets manufacture as classical type with pressure switch.
Please consult our company for frequency controlled types.

SH T 24 A 1000 7

- 7 — Number of Stages
- 1000 — Pump Power (HP)
- A — Number of Pumps A=1 B=2 C=3
- 24 — Max. Pump Flow
- T — T:Three Phase
- SH — Pump Type



VERTICAL MULTI STAGE PUMPS

SHT34



DEFINITION

Stainless steel body, vertical multi stage pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps use in industry, hospitals, buildings, hotels, gas stations, resorts, shopping centre, social facility, fire fighting sets and supply of pressurized water.

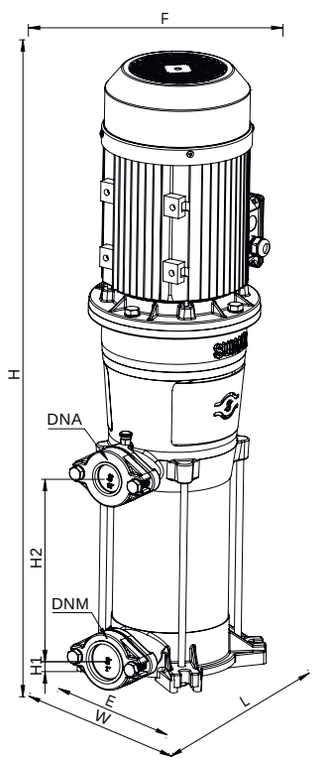
MATERIAL PROPERTIES

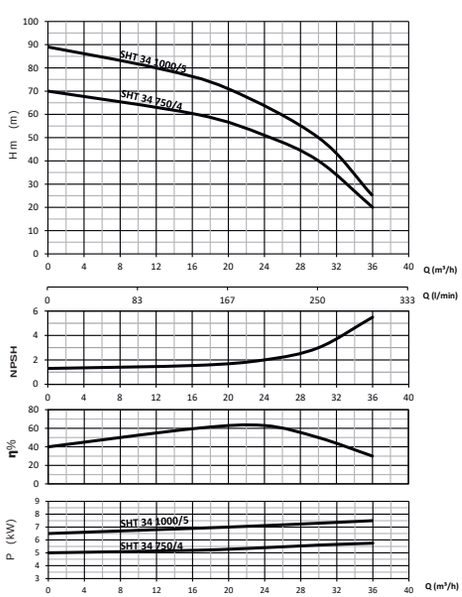
PUMP BODY	AISI 304 INOX
IMPELLER	NORYL
SHAFT	AISI 420
FLOW RATE (max.)	36 m³/hour
TOTAL HEAD (max.)	120 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	16 bar

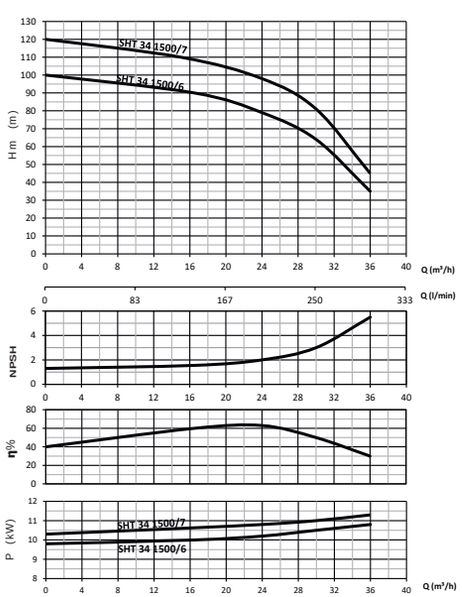
TECHNICAL SPECIFICATIONS

MOTOR												PUMP					
TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	Suction m	Input Output	KG	m³/h	12	18	24	30	36
SHT34-750/4	5.5	7.5	-	380	50	-	11	2900	-	2" 1½	80	mss	64	58	50	39	20
SHT34-1000/5	7.5	10	-	380	50	-	15	2900	-	2" 1½	92		80	75	67	51	25
SHT34-1500/6	11	15	-	380	50	-	20	2900	-	2" 1½	93		93	88	78	62	33
SHT34-1500/7	11	15	-	380	50	-	22	2900	-	2" 1½	94		112	106	97	81	45

DIMENSIONS									
Type	W	L	H	H1	H2	E	F	DNM	DNA
SHT34-750/4	225	318	906	44	279	206	250	G 2''	G 1$^{1/2}$
SHT34-1000/5	225	318	1030	44	327	206	250	G 2''	G 1$^{1/2}$
SHT34-1500/6	225	318	1100	44	375	206	250	G 2''	G 1$^{1/2}$
SHT34-1500/7	225	318	1150	44	432	206	250	G 2''	G 1$^{1/2}$







USAGE AREAS

These type of systems, which provide regular and continuous water according to the required pressure at the determined pressures, are used in schools, hospitals, workplaces, public housing, hotels. Consult our company for any multi-pump systems and frequency-controlled booster sets.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

SHT34 A



SHT34 B



SHT34 C

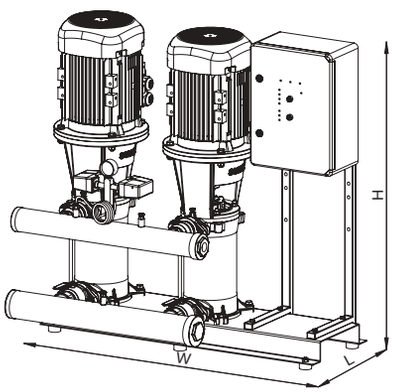


MOTOR					PUMP								
TYPE	KW	V	Hz	rpm	W mm	L mm	H mm	MANIFOLD INPUT	MANIFOLD OUTPUT	MAX FLOW m^3/h	CAPACITY mss	NUMBER OF FLAT	NUMBER OF FLOOR
SHT34A 750/4	1 x 5.5	380	50	2900	750	517	1065	2"	2"	16 - 29	60 - 40	76 - 136	11 - 6
SHT34B 750/4	2 x 5.5	380	50	2900	1105	567	1065	3"	2½	32 - 58	60 - 40	152 - 272	11 - 6
SHT34C 750/4	3 x 5.5	380	50	2900	1450	717	1065	DN 100	3"	48 - 87	60 - 40	228 - 408	11 - 6
SHT34A 1000/5	1 x 7.5	380	50	2900	750	517	1115	2"	2"	12 - 27	80 - 60	56 - 128	17 - 11
SHT34B 1000/5	2 x 7.5	380	50	2900	1105	567	1115	3"	2½	36 - 54	80 - 60	112 - 256	17 - 11
SHT34C 1000/5	3 x 7.5	380	50	2900	1405	717	1115	DN 100	3"	36 - 81	80 - 60	168 - 384	17 - 11
SHT34A 1500/6	1 x 11	380	50	2900	750	517	1165	2"	2"	16 - 28	90 - 70	76 - 130	20 - 14
SHT34B 1500/6	2 x 11	380	50	2900	1105	567	1165	3"	2½	32 - 56	90 - 70	152 - 260	20 - 14
SHT34C 1500/6	3 x 11	380	50	2900	1450	717	1165	DN 100	3"	48 - 84	90 - 70	228 - 390	20 - 14
SHT34A 1500/7	1 x 11	380	50	2900	750	517	1215	2"	2"	22 - 30	100 - 80	104 - 140	23 - 17
SHT34B 1500/7	2 x 11	380	50	2900	1105	567	1215	3"	2½	44 - 60	100 - 80	210 - 280	23 - 17
SHT34C 1500/7	3 x 11	380	50	2900	1450	717	1215	DN 100	3"	66 - 90	100 - 80	312 - 420	23 - 17

Dimension are approximately, may be change.
Note: Our booster sets manufacture as classical type with pressure switch.
Please consult our company for frequency controlled types.

SH T 34 A 15006

- **Number of Stages**
- **Pump Power (HP)**
- **Number of Pumps A=1 B=2 C=3**
- **Max. Pump Flow**
- **T:Three Phase**
- **Pump Type**



SHT32



DEFINITION

Vertical shaft multi stage pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

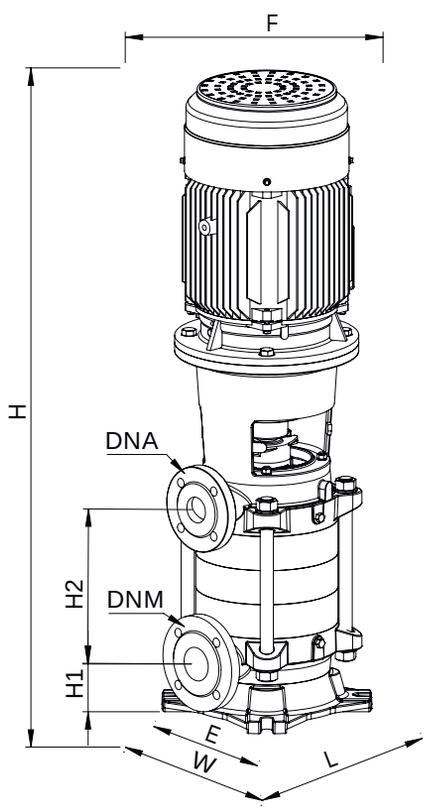
These type of pumps use in industry, hospitals, buildings, hotels, gas stations, resorts, shopping centre, social facility, fire fighting sets and supply of pressurized water.

MATERIAL PROPERTIES

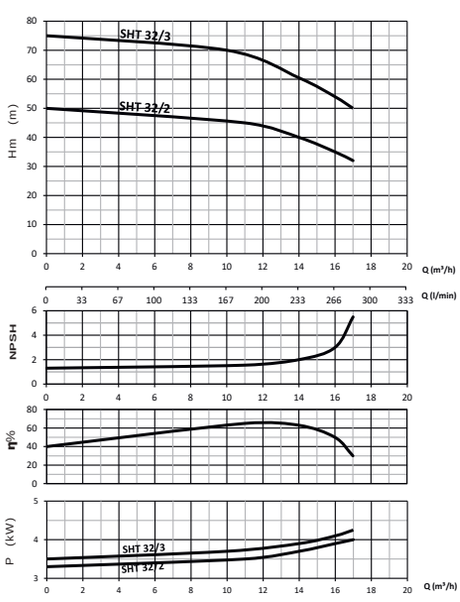
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	16 m³/hour
TOTAL HEAD (max.)	150 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	16 bar

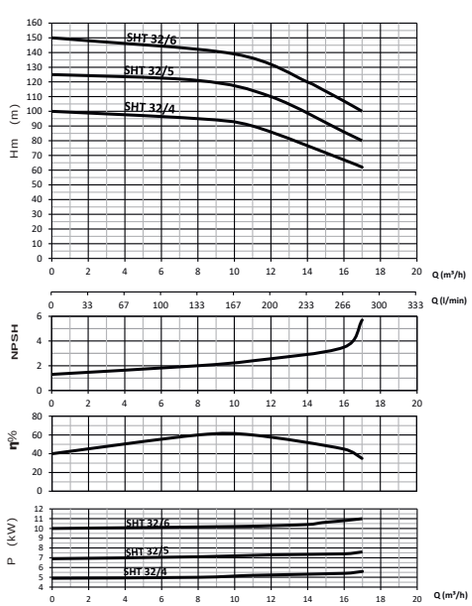
TECHNICAL SPECIFICATIONS

MOTOR									PUMP								
TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	Input	Output	KG	m³/h	6	8	10	12	16
SHT32/2	4	-	-	380	50	-	8	2900	DN40	DN32	87	mss	48	47	46	44	35
SHT32/3	4	-	-	380	50	-	9	2900	DN40	DN32	101		73	72	70	65	52
SHT32/4	5.5	-	-	380	50	-	11	2900	DN40	DN32	107		98	95	91	86	68
SHT32/5	7.5	-	-	380	50	-	15	2900	DN40	DN32	134		123	120	115	110	85
SHT32/6	11	-	-	380	50	-	22	2900	DN40	DN32	156		147	145	139	130	106



DIMENSIONS									
Type	W	L	H	H1	H2	E	F	DNM	DNA
SHT32/2	270	240	820	100	131	241	250	DN40	DN32
SHT32/3	270	280	870	100	179	241	250	DN40	DN32
SHT32/4	270	303	912	100	227	241	250	DN40	DN32
SHT32/5	270	380	990	100	275	241	250	DN40	DN32
SHT32/6	270	428	1040	100	323	241	250	DN40	DN32





USAGE AREAS

These type of systems, which provide regular and continuous water according to the required pressure at the determined pressures, are used in schools, hospitals, workplaces, public housing, hotels. Consult our company for any multi-pump systems and frequency-controlled booster sets.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

SHT32 A





SHT32 B





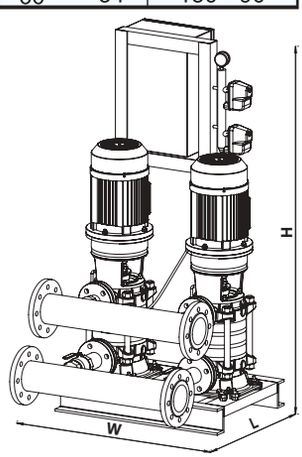
SHT32 C





MOTOR					PUMP						
TYPE	KW	V	Hz	rpm	W mm	L mm	H mm	MANIFOLD INPUT	MANIFOLD OUTPUT	MAX FLOW m^3/h	CAPACITY mss
SHTA 32/2	1 x 3	380	50	2900	335	800	1119	DN40	1 1/4	13 - 19	40 - 20
SHTB 32/2	2 x 3	380	50	2900	675	1415	1119	DN80	DN65	26 - 38	40 - 20
SHTC 32/2	3 x 3	380	50	2900	1106	1415	1119	DN100	DN80	39 - 57	40 - 20
SHTA 32/3	1 x 4	380	50	2900	335	800	1209	DN40	1 1/4	10 - 18	70 - 30
SHTB 32/3	2 x 4	380	50	2900	675	1015	1209	DN80	DN65	20 - 36	70 - 30
SHTC 32/3	3 x 4	380	50	2900	1106	1015	1209	DN100	DN80	30 - 54	70 - 30
SHTA 32/4	1 x 5.5	380	50	2900	335	800	1274	DN40	1 1/4	10 - 19	90 - 60
SHTB 32/4	2 x 5.5	380	50	2900	675	1015	1274	DN80	DN65	20 - 38	90 - 60
SHTC 32/4	3 x 5.5	380	50	2900	1106	1015	1274	DN100	DN80	30 - 57	90 - 60
SHTA 32/5	1 x 7.5	380	50	2900	335	800	1385	DN40	1 1/4	12 - 17	110 - 70
SHTB 32/5	2 x 7.5	380	50	2900	675	1015	1385	DN80	DN65	24 - 34	110 - 70
SHTC 32/5	3 x 7.5	380	50	2900	1106	1015	1385	DN100	DN80	36 - 51	110 - 70
SHTA 32/6	1 x 11	380	50	2900	335	800	1479	DN40	1 1/4	12 - 18	130 - 90
SHTB 32/6	2 x 11	380	50	2900	675	1015	1479	DN80	DN65	24 - 36	130 - 90
SHTC 32/6	3 x 11	380	50	2900	1106	1015	1479	DN100	DN100	36 - 54	130 - 90

Dimension are approximately, may be change.
Note: Our booster sets manufacture as classical type with pressure switch.
Please consult our company for frequency controlled types.



SH T A 32 6 11

- Pump Power (KW)
- Number of Stages
- Number of Pumps A=1 B=2 C=3
- Max. Pump Flow
- T:Three Phase
- Pump Type

SHT40



DEFINITION

Vertical shaft multi stage pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps use in industry, hospitals, buildings, hotels, gas stations, resorts, shopping centre, social facility, fire fighting sets and supply of pressurized water

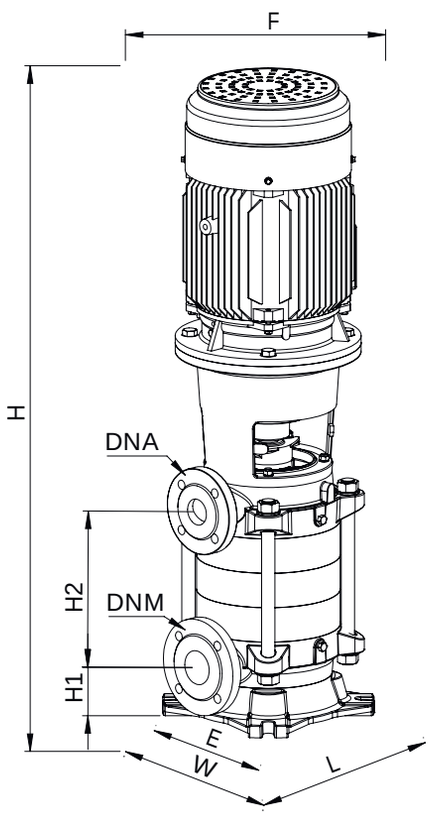
MATERIAL PROPERTIES

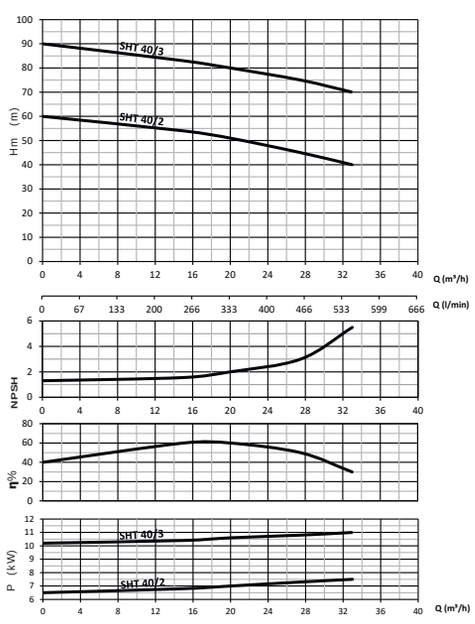
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	32 m³/hour
TOTAL HEAD (max.)	150 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	16 bar

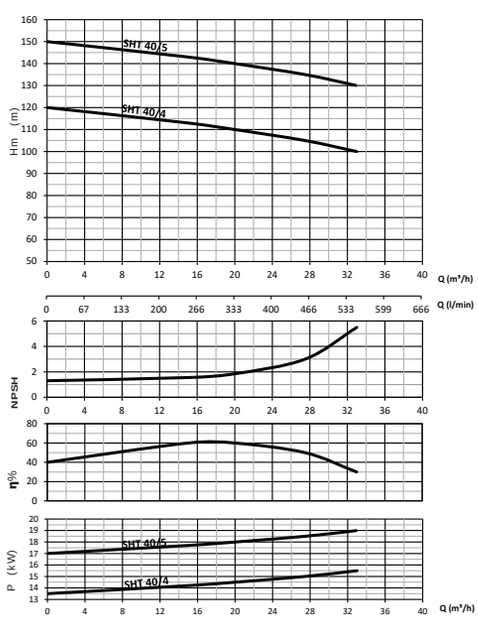
TECHNICAL SPECIFICATIONS

MOTOR											PUMP								
TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Input	Output	KG	m³/h	10	15	20	25	30
SHT40/2	7.5	-	-	380	50	-	15	2900	-	-	DN50	DN40	127.5	mss	55	52	50	48	42
SHT40/3	11	-	-	380	50	-	22	2900	-	-	DN50	DN40	153		85	82	80	78	72
SHT40/4	15	-	-	380	50	-	30	2900	-	-	DN50	DN40	176.5		115	112	110	108	102
SHT40/5	18.5	-	-	380	50	-	37	2900	-	-	DN50	DN40	215		145	142	140	138	132

DIMENSIONS									
Type	W	L	H	H1	H2	E	F	DNM	DNA
SHT40/2	272	350	910	105	145	241	350	DN50	DN40
SHT40/3	272	350	965	105	200	241	350	DN50	DN40
SHT40/4	272	350	1150	105	270	241	350	DN50	DN40
SHT40/5	272	350	1215	105	310	241	350	DN50	DN40







USAGE AREAS

These type of systems, which provide regular and continuous water according to the required pressure at the determined pressures, are used in schools, hospitals, workplaces, public housing, hotels. Consult our company for any multi-pump systems and frequency-controlled booster sets.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

SHT40 A



SHT40 B

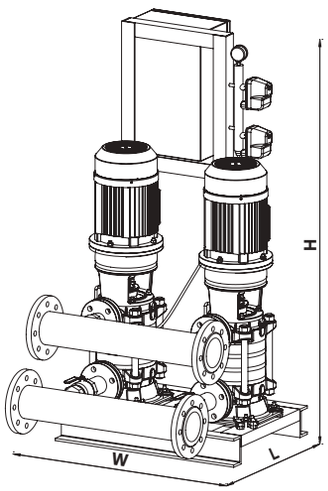


SHT40 C



MOTOR					PUMP						
TYPE	KW	V	Hz	rpm	W mm	L mm	H mm	MANIFOLD INPUT	MANIFOLD OUTPUT	MAX FLOW m^3/h	CAPACITY mss
SHTA40/2	1 x 7.5	380	50	2900	335	800	1255	DN50	1 1/2	32 - 38	40 - 30
SHTB40/2	2 x 7.5	380	50	2900	675	1415	1255	DN80	DN80	64 - 76	40 - 30
SHTC40/2	3 x 7.5	380	50	2900	1106	1415	1255	DN125	DN100	96 - 114	40 - 30
SHTA40/3	1 x 11	380	50	2900	335	800	1356	DN50	1 1/2	20 - 33	80 - 60
SHTB40/3	2 x 11	380	50	2900	675	1015	1356	DN80	DN80	40 - 66	80 - 60
SHTC40/3	3 x 11	380	50	2900	1106	1015	1356	DN125	DN100	60 - 99	80 - 60
SHTA40/4	1 x 15	380	50	2900	335	800	1511	DN50	1 1/2	20 - 34	110 - 80
SHTB40/4	2 x 15	380	50	2900	675	1015	1511	DN80	DN80	40 - 68	110 - 80
SHTC40/4	3 x 15	380	50	2900	1106	1015	1511	DN125	DN100	60 - 102	110 - 80
SHTA40/5	1 x 18.5	380	50	2900	335	800	1610	DN50	1 1/2	32 - 35	130 - 90
SHTB40/5	2 x 18.5	380	50	2900	675	1015	1610	DN80	DN80	64 - 70	130 - 90
SHTC40/5	3 x 18.5	380	50	2900	1106	1015	1610	DN125	DN100	96 - 105	130 - 90

Dimension are approximately, may be change.
Note: Our booster sets manufacture as classical type with pressure switch.
Please consult our company for frequency controlled types.



SH T A 40 3 11

- Pump Power (KW)
- Number of Stages
- Pressure Flange Nominal Diameter
- Number of Pumps A=1 B=2 C=3
- T:Three Phase
- Pump Type

SHT50



DEFINITION

Vertical shaft multi stage pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

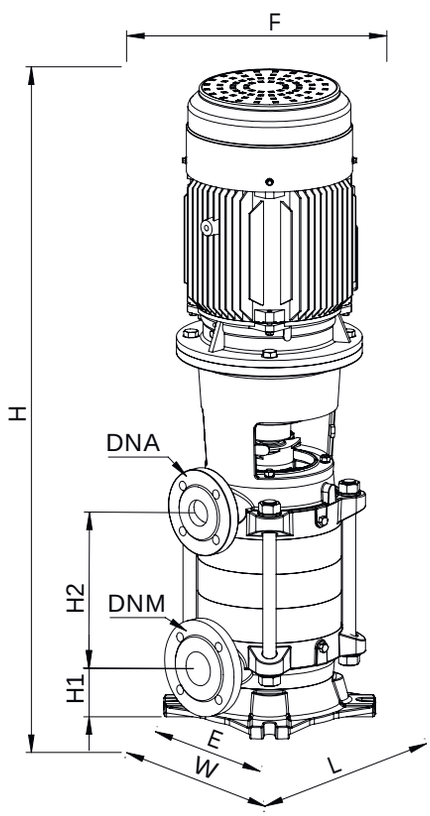
These type of pumps use in industry, hospitals, buildings, hotels, gas stations, resorts, shopping centre, social facility, fire fighting sets and supply of pressurized water.

MATERIAL PROPERTIES

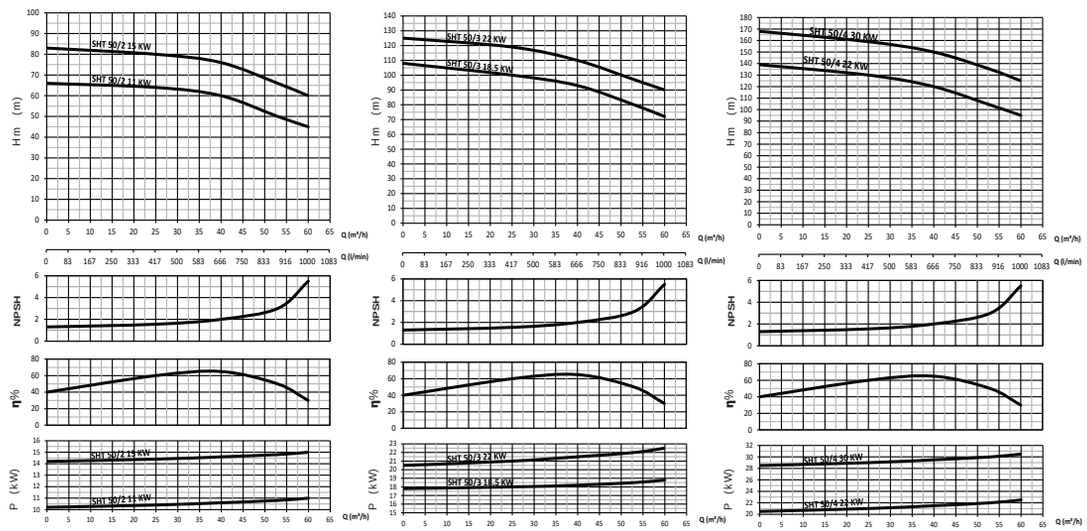
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	60 m³/hour
TOTAL HEAD (max.)	150 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	16 bar

TECHNICAL SPECIFICATIONS

MOTOR											PUMP								
TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Input	Output	KG	m³/h	35	40	45	50	-
SHT50/2	11	-	-	380	50	-	22	2900	-	-	DN65	DN50	195	mss	61	60	58	50	-
SHT50/2	15	-	-	380	50	-	30	2900	-	-	DN65	DN50	205		78	75	70	68	-
SHT50/3	18.5	-	-	380	50	-	37	2900	-	-	DN65	DN50	247		95	92	88	81	-
SHT50/3	22	-	-	380	50	-	40	2900	-	-	DN65	DN50	255		112	110	105	100	-
SHT50/4	22	-	-	380	50	-	44	2900	-	-	DN65	DN50	268		122	120	112	108	-
SHT50/4	30	-	-	380	50	-	57	2900	-	-	DN65	DN50	279		152	150	142	137	-



DIMENSIONS									
Type	W	L	H	H1	H2	E	F	DNM	DNA
SHT50/2 11 KW	330	350	1050	120	169	300	350	DN65	DN50
SHT50/2 15 KW	330	350	1070	120	169	300	350	DN65	DN50
SHT50/3 18.5 KW	330	350	1135	120	236	300	350	DN65	DN50
SHT50/3 22 KW	330	350	1155	120	236	300	350	DN65	DN50
SHT50/4 22 KW	330	350	1218	120	303	300	350	DN65	DN50
SHT50/4 30 KW	330	350	1238	120	303	300	350	DN65	DN50



USAGE AREAS

These type of systems, which provide regular and continuous water according to the required pressure at the determined pressures, are used in schools, hospitals, workplaces, public housing, hotels. Consult our company for any multi-pump systems and frequency-controlled booster sets.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

SHT50 A



SHT50 B

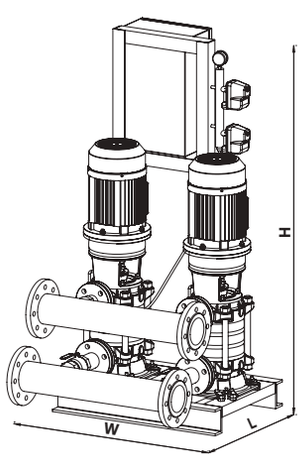


SHT50 C



MOTOR					PUMP						
TYPE	KW	V	Hz	rpm	W mm	L mm	H mm	MANIFOLD INPUT	MANIFOLD OUTPUT	MAX FLOW m^3/h	CAPACITY mss
SHTA50/2	1 x 11	380	50	2900	435	800	1440	DN65	2”	27 - 48	65 - 50
SHTB50/2	2 x 11	380	50	2900	875	1515	1440	DN125	DN100	54 - 96	65 - 50
SHTC50/2	3 x 11	380	50	2900	1350	1515	1440	DN150	DN125	81 - 144	65 - 50
SHTA50/2	1 x 15	380	50	2900	435	800	1500	DN65	2”	28 - 50	80 - 60
SHTB50/2	2 x 15	380	50	2900	875	1515	1500	DN125	DN100	56 - 100	80 - 60
SHTC50/2	3 x 15	380	50	2900	1350	1515	1500	DN150	DN125	84 - 150	80 - 60
SHTA50/3	1 x 18.5	380	50	2900	435	800	1590	DN65	2”	27 - 55	100 - 70
SHTB50/3	2 x 18.5	380	50	2900	875	1015	1590	DN125	DN100	54 - 110	100 - 70
SHTC50/3	3 x 18.5	380	50	2900	1350	1015	1590	DN150	DN125	81 - 165	100 - 70
SHTA50/3	1 x 22	380	50	2900	435	800	1670	DN65	2”	20 - 52	120 - 90
SHTB50/3	2 x 22	380	50	2900	875	1015	1670	DN125	DN100	40 - 104	120 - 90
SHTC50/3	3 x 22	380	50	2900	1350	1015	1670	DN150	DN125	60 - 156	120 - 90
SHTA50/4	1 x 22	380	50	2900	435	800	1720	DN65	2”	20 - 50	130 - 100
SHTB50/4	2 x 22	380	50	2900	875	1015	1720	DN125	DN100	40 - 100	130 - 100
SHTC50/4	3 x 22	380	50	2900	1350	1015	1720	DN150	DN125	60 - 150	130 - 100
SHTA50/4	1 x 30	380	50	2900	435	800	1750	DN65	2”	25 - 50	160 - 100
SHTB50/4	2 x 30	380	50	2900	875	1015	1750	DN125	DN100	50 - 100	160 - 100
SHTC50/4	3 x 30	380	50	2900	1350	1015	1750	DN150	DN125	75 - 150	160 - 100

Dimension are approximately, may be change.
Note: Our booster sets manufacture as classical type with pressure switch.
Please consult our company for frequency controlled types.



SH T A 50 2 11

- **Pump Type**
- **T:Three Phase**
- **Number of Pumps A=1 B=2 C=3**
- **Pressure Flange Nominal Diameter**
- **Number of Stages**
- **Pump Power (KW)**

SHT65



DEFINITION

Vertical shaft multi stage pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps use in industry, hospitals, buildings, hotels, gas stations, resorts, shopping centre, social facility, fire fighting sets and supply of pressurized water.

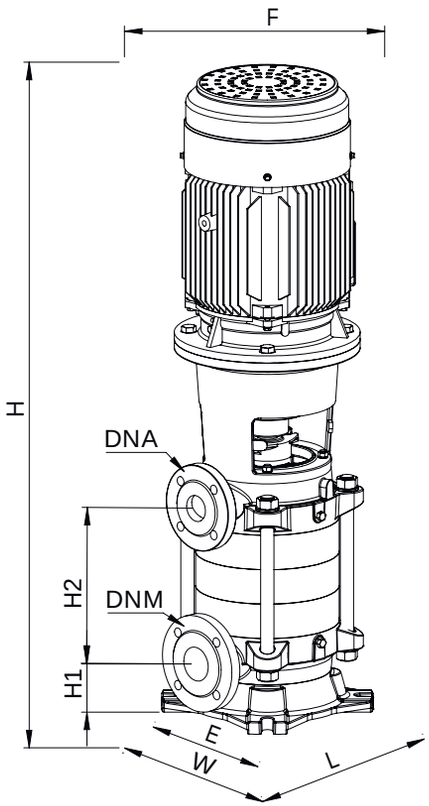
MATERIAL PROPERTIES

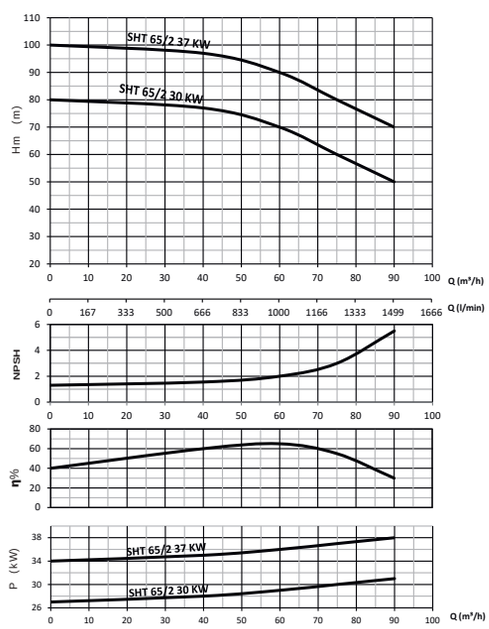
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
FLOW RATE (max.)	110 m³/hour
TOTAL HEAD (max.)	160 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	20 bar

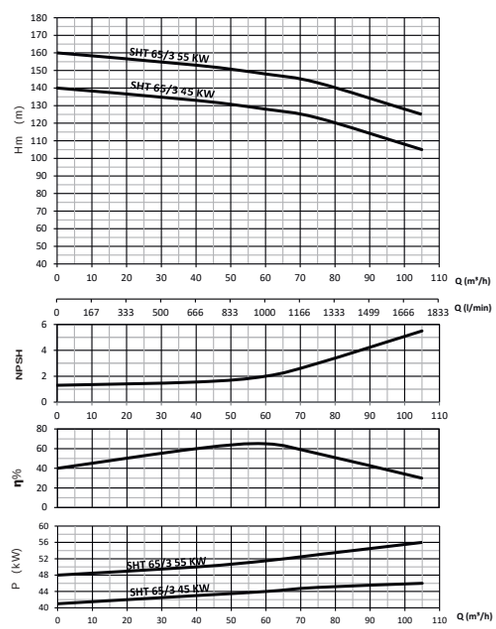
TECHNICAL SPECIFICATIONS

MOTOR											PUMP								
TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Input	Output	KG	m³/h	60	70	80	90	-
SHT65/2	30	-	-	380	50	-	60	2900	-	-	DN80	DN65	259	mss	70	65	57	50	-
SHT65/2	37	-	-	380	50	-	72	2900	-	-	DN80	DN65	269		92	91	88	84	-
SHT65/3	45	-	-	380	50	-	88	2900	-	-	DN80	DN65	375		127	124	120	116	-
SHT65/3	55	-	-	380	50	-	105	2900	-	-	DN80	DN65	432		143	142	138	137	-

DIMENSIONS									
Type	W	L	H	H1	H2	E	F	DNM	DNA
SHT65/2 30 KW	330	420	1211	130	200	300	441	DN80	DN65
SHT65/2 37 KW	330	420	1231	130	200	300	441	DN80	DN65
SHT65/3 45 KW	330	420	1260	130	275	300	441	DN80	DN65
SHT65/3 55 KW	330	420	1290	130	275	300	441	DN80	DN65







USAGE AREAS

These type of systems, which provide regular and continuous water according to the required pressure at the determined pressures, are used in schools, hospitals, workplaces, public housing, hotels. Consult our company for any multi-pump systems and frequency-controlled booster sets.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

SHT65 A



SHT65 B



SHT65 C

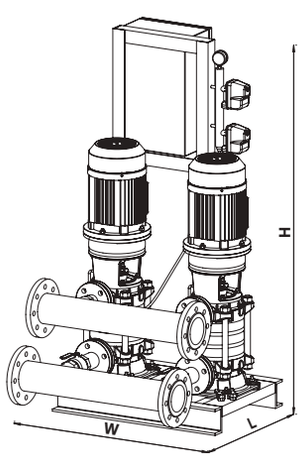


MOTOR					PUMP						
TYPE	KW	V	Hz	rpm	W mm	L mm	H mm	MANIFOLD INPUT	MANIFOLD OUTPUT	MAX FLOW m^3/h	CAPACITY mss
SHTA65/2	1 x 30	380	50	2900	435	800	1539	DN80	2 1/2	45 - 75	75 - 60
SHTB65/2	2 x 30	380	50	2900	975	1570	1539	DN150	DN125	90 - 150	75 - 60
SHTC65/2	3 x 30	380	50	2900	1466	1570	1539	DN200	DN150	135 - 225	75 - 60
SHTA65/2	1 x 37	380	50	2900	435	800	1559	DN80	2 1/2	30 - 100	100 - 80
SHTB65/2	2 x 37	380	50	2900	975	1570	1559	DN150	DN125	60 - 200	100 - 80
SHTC65/2	3 x 37	380	50	2900	1466	1570	1559	DN200	DN150	90 - 300	100 - 80
SHTA65/3	1 x 45	380	50	2900	435	800	1702	DN80	2 1/2	50 - 80	130 - 120
SHTB65/3	2 x 45	380	50	2900	975	1015	1702	DN150	DN125	100 - 160	130 - 120
SHTC65/3	3 x 45	380	50	2900	1466	1015	1702	DN200	DN150	150 - 240	130 - 120
SHTA65/3	1 x 55	380	50	2900	435	800	1702	DN80	2 1/2	50 - 90	150 - 135
SHTB65/3	2 x 55	380	50	2900	975	1015	1702	DN150	DN125	100 - 180	150 - 135
SHTC65/3	3 x 55	380	50	2900	1466	1015	1702	DN200	DN150	150 - 270	150 - 135

Dimension are approximately, may be change.
Note: Our booster sets manufacture as classical type with pressure switch.
Please consult our company for frequency controlled types.

SH T A 65 2 30

- 30 — Pump Power (KW
- 2 — Number of Stages
- 65 — Pressure Flange Nominal Diameter
- A — Number of Pumps A=1 B=2 C=3
- T — T:Three Phase
- SH — Pump Type



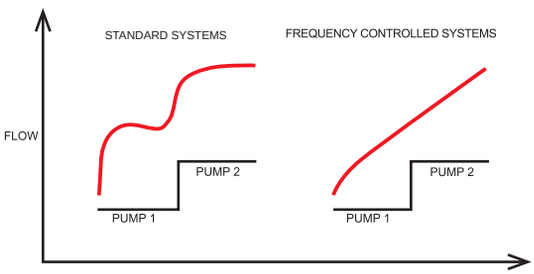
FREQUENCY CONTROLLED BOOSTER SETS

DEFINITION

Frequency controlled booster sets are used to maximize the energy saving and provide to continuous pressurized water for variable flow demand. High efficiency and protection are provided in pumps with frequency inverter. Optionally, all of our booster sets can be manufactured with frequency inverter.

SPECIFICATIONS

- More economical due to high energy saving
- Best protection with upgraded security systems
- Lower starting current
- Lower water-hammer risk with adjustable start and stop time
- Precision pressure measurement with pressure transmitters
- Motor transport system
- Same aging system with rotation
- Digital control panel
- 0,37 KW - 55 KW
- Multi pump control
- Suitable for RoHs
- CE Certified



USAGE AREAS

- Villas, buildings and sites,
- Hospitals, schools, business centre, social facilies, resorts
- Garden, park, greenhouse and farms,
- Warehouse, refinery, shipyard, factory and treatment plants.



TYPE	KW	V	Hz	rpm	Hm
SHT6 SERIES	1.1-1.35	380	25-50	1750-2900	72-92
SHT8 SERIES	1.6-3	380	25-50	1750-2900	88-135
SHT12 SERIES	1.6-3	380	25-50	1750-2900	60-95
SHT16 SERIES	4-6.3	380	25-50	1750-2900	75-140
SHT24 SERIES	5.5-11	380	25-50	1750-2900	65-135
SHT34 SERIES	7.5-15	380	25-50	1750-2900	74-128
SHT32 SERIES	3-11	380	25-50	1750-2900	50-150
SHT40 SERIES	7.5-18.5	380	25-50	1750-2900	60-150
SHT50 SERIES	11-30	380	25-50	1750-2900	62-170
SHT65 SERIES	30-55	380	25-50	1750-2900	90-160

DEFINITION

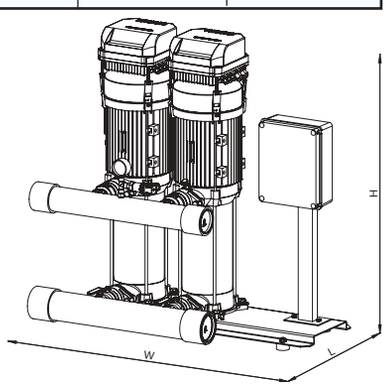
These type of systems, which provide regular and continuous water according to the required pressure at the determined pressures, are used in schools, hospitals, workplaces, public housing, hotels. Consult our company for any multi-pump systems and frequency-controlled booster sets.
It is manufactured at frequencies of 50 Hz. and 60 Hz.



MOTOR					PUMP						
TYPE	KW	V	Hz	rpm	W mm	L mm	H mm	MANIFOLD INPUT	MANIFOLD OUTPUT	MAX. FLOW m³/h	CAPACITY mss
SHT 6A 180/10 FK	1x1.35	380	50	2900	340	290	624	1¼	1”	3.2 - 1.5	50 - 70
SHT 6B 180/10 FK	2x1.35	380	50	2900	940	465	834	2”	2”	6.4 - 3	50 - 70
SHT 6C 180/10 FK	3x1.35	380	50	2900	1190	465	834	2”	2”	9.6 - 4.5	50 - 70
SHT 8A 300/8 FK	1x2.2	380	50	2900	350	290	624	1¼	1¼	5 - 3.5	60 - 80
SHT 8B 300/8 FK	2x2.2	380	50	2900	940	465	834	2”	2”	10 - 7	60 - 80
SHT 8C 300/8 FK	3x2.2	380	50	2900	1190	465	834	2”	2”	15 - 10.5	60 - 80
SHT 8A 400/10 FK	1x3	380	50	2900	350	290	654	1¼	1¼	5 - 4	70 - 90
SHT 8B 400/10 FK	2x3	380	50	2900	940	465	834	2”	2”	10 - 8	70 - 90
SHT 8C 400/10 FK	3x3	380	50	2900	1190	465	834	2”	2”	15 - 12	70 - 90
SHT 12A 300/6 FK	1x2.2	380	50	2900	350	290	594	1¼	1¼	7 - 3	50 - 70
SHT 12B 300/6 FK	2x2.2	380	50	2900	940	465	834	2”	2”	14 - 6	50 - 70
SHT 12C 300/6 FK	3x2.2	380	50	2900	1190	465	834	2”	2”	21 - 9	50 - 70
SHT 12A 400/7 FK	1x3	380	50	2900	350	290	599	1¼	1¼	7 - 3.5	60 - 80
SHT 12B 400/7 FK	2x3	380	50	2900	940	465	834	2”	2”	14 - 7	60 - 80
SHT 12C 400/7 FK	3x3	380	50	2900	1190	465	834	2”	2”	21 - 10.5	60 - 80
SHT 16A 550/5 FK	1x4	380	50	2900	370	330	674	1½	1¼	13 - 9	50 - 70
SHT 16B 550/5 FK	2x4	380	50	2900	940	550	834	3”	2½	26 - 18	50 - 70
SHT 16C 550/5 FK	3x4	380	50	2900	1190	550	834	3”	2½	39 - 27	50 - 70
SHT 16A 750/6 FK	1x5.5	380	50	2900	370	330	714	1½	1¼	13 - 9	60 - 80
SHT 16B 750/6 FK	2x5.5	380	50	2900	940	550	834	3”	2½	26 - 18	60 - 80
SHT 16C 750/6 FK	3x5.5	380	50	2900	1190	550	834	3”	2½	39 - 27	60 - 80
SHT 16A 750/7 FK	1x5.5	380	50	2900	370	330	754	1½	1¼	13 - 10	70 - 90
SHT 16B 750/7 FK	2x5.5	380	50	2900	940	550	834	3”	2½	26 - 20	70 - 90
SHT 16C 750/7 FK	3x5.5	380	50	2900	940	550	834	3”	2½	39 - 30	70 - 90
SHT 16A 850/8 FK	1x6.3	380	50	2900	370	330	754	1½	1¼	13 - 10	80 - 100
SHT 16B 850/8 FK	2x6.3	380	50	2900	940	550	834	3”	2½	26 - 20	80 - 100
SHT 16C 850/8 FK	3x6.3	380	50	2900	1190	550	834	3”	2½	39 - 30	80 - 100

SH T 12A 300 6 FK

- **Frequency Controlled**
- **Number of Pump Stages**
- **Pump Power** (220=2.2 HP - 300=3.0 HP)
- **Number of Pumps** (A=1 B=2 C=3 Pompalı)
- **Max. Pump Flow**
- **M.Single Phase T:Three Phase**
- **Pump Type**



SUMAK®

FIRE FIGHTING SYSTEMS





















NFPA®
MEMBER 09-10
2712407



FIRE EXTINGUISHING SYSTEMS WORKING PRINCIPLES

We assist you in determining the appropriate pump set for your project with our expert team.
Our products are delivered as a complete set with a common control panel (with an optional separate panel) and each pump on a common chassis, together with its fasteners and all accessories.

In order to prevent cavitation in the suction collector of the fire set, a positive suction condition must be provided.
In case of negative suction, the pump cannot provide the required performance since the pump will create cavitation and air.

The Standby pump may be diesel powered, as an alternative to the project or the possibility of power failure. This set is suitable for residential and commercial use, villa, apartment, fuel station, warehouse areas, small-scale industrial facilities, etc. It is used in fire fighting systems in places.

Fire system; It consists of 1 (one) main, 1 (one) stand by pump and 1 (one) jockey pump.
Pumps connected to each other with the collector, compensator, ball valves, check-valves, independent pressure switches and a common panel with weekly test program are delivered as a set.

In case of fire, the jockey pump is activated first to meet the water requirement of the system, if the jockey pump cannot meet the need and the pressure continues to decrease, the actual pump is activated. In case of an increase in water demand, the standby pump is also activated automatically.

SMKT Pumps start automatically with the command received from the pressure switch and then stop automatically, but the diesel pump is stopped manually.
In the weekly test program in the Fire System, a return to the main water tank should be provided with the pump safety valve in order to prevent excessive pressure in the installation with the operation of the pumps.
All measurements and calculations are for clean water at +20°C.

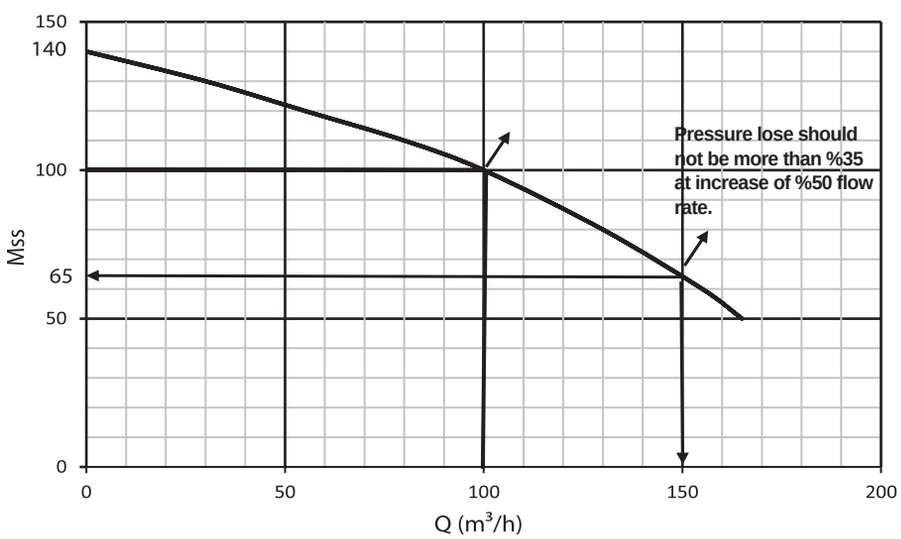
In the fire system, suction line valves are produced with butterfly valves, they can be manufactured with a OS&Y valve if desired.

DO NOT TURN OFF THE ELECTRIC SUPPLY OF THE FIRE PUMP SYSTEM IN CASE OF FIRE!

In calculating the thickness of the cable, the current should be selected by taking 150% of the largest possible full load current.
NFPA 20 is the standard related to fire pumps, it is the standard that determines the features, performances and assembly rules of fire pumps and pump groups, engine control systems and side elements that should be used.

The flow rate (Q) / Head (Hm) curve of the fire pumps should be as horizontal as possible.
Therefore, as the need for water increases, there will not be much pressure drop and the pressure required in the fire installation will be provided continuously.

According to NFPA 20 standard, the minimum value of the manometric height (Hm) should not be less than 65% of the working (nominal) value. In the pump curve, the Hmax pressure value of the pump in the closed valve should not be more than 140% of the pressure values at the operating value.



VERTICAL SHAFT PACKAGE TYPE FIRE PUMP SELECTION					
m3/h	**GPM**	**mss**	**RPM**	**KW**	**TYPE**
5,7	25	40	2900	1,6	SHT 12-220/4
		50		1,6	SHT 12-300/6
		60		2,2	SHT 12-400/7
		60		4	SHT 16-550/4
		80		4	SHT 16-550/5
		90		4	SHT 16-750/6
		105		5,5	SHT 16-750/7
		120		5,5	SHT 16-750/8
11,4	50	50	2900	4	SHT 16-550/4
		60		4	SHT 16-550/5
		75		5,5	SHT 16-750/6
		80		5,5	SHT 16-750/7
		60		5,5	SHT 24-750/5
		70		5,5	SHT 24-750/6
		80		7,5	SHT 24-1000/7
		90		7,5	SHT 24-1000/8
		100		11	SHT 34-1500/7
22,7	100	40	2900	7,5	SHT24 1000/7
		50		7,5	SHT24 1000/8
		65		7,5	SHT34 1000/5
		75		11	SHT34 1500/6
		95		11	SHT34 1500/7
END SUCTION FIRE PUMP SELECTION					
22,7	100	50	2900	7,5	SMT 250/32
		60		11	SMT 250/32
		70		11	SMT 250/32
		80		15	SMT 250/32
		90		15	SMT 250/32
34,1	150	40	2900	7,5	SMT 250/40
		50		11	SMT 250/40
		60		15	SMT 250/40
		68		18,5	SMT 250/40
		75		22	SMT 250/40
		88		30	SMT 250/40
45,4	200	50	2900	15	SMT 250/50
		60		18,5	SMT 250/50
		65		22	SMT 250/50
		70		30	SMT 250/50
		80		30	SMT 250/50
		90		37	SMT 250/50
56,8	250	50	2900	18,5	SMT 250/50
		60		22	SMT 250/50
		70		30	SMT 250/50
		80		37	SMT 250/50
		90		37	SMT 250/50
68,1	300	40	2900	18,5	SMT 250/50
		50		18,5	SMT 250/50
		60		22	SMT 250/50
		70		30	SMT 250/50
		80		37	SMT 250/50
		88		37	SMT 250/50
91	400	40	2900	22	SMT 250/65
		50		22	SMT 250/65
		65		30	SMT 250/65
		75		37	SMT 250/65
		85		45	SMT 250/65
		95		55	SMT 250/65

END SUCTION FIRE PUMP SELECTION					
m3/h	**GPM**	**mss**	**RPM**	**KW**	**TYPE**
102	**450**	**40**	**2900**	**22**	**SMT 250/65**
		50		**22**	**SMT 250/65**
		60		**30**	**SMT 250/65**
		75		**37**	**SMT 250/65**
		85		**45**	**SMT 250/65**
		92		**55**	**SMT 250/80**
114	**500**	**40**	**2900**	**22**	**SMT 250/80**
		50		**30**	**SMT 250/80**
		60		**37**	**SMT 250/80**
		70		**45**	**SMT 250/80**
		80		**55**	**SMT 250/80**
		90		**75**	**SMT 250/80**
170	**750**	**40**	**2900**	**37**	**SMT 250/80**
		50		**37**	**SMT 250/80**
		60		**45**	**SMT 250/80**
		70		**55**	**SMT 250/80**
		80		**75**	**SMT 250/80**
		95		**75**	**SMT 250/80**
227	**1000**	**40**	**2900**	**45**	**SMT 250/100**
		50		**45**	**SMT 250/100**
		60		**55**	**SMT 250/100**
		70		**75**	**SMT 250/100**
		80		**90**	**SMT 250/100**
		90		**110**	**SMT 250/100**
SPLIT CASE (DOUBLE SUCTION) FIRE PUMP SELECTION					
114	**500**	**55**	**2900**	**37**	**SMC 270/80**
		65		**45**	**SMC 270/80**
		75		**55**	**SMC 270/80**
		95		**75**	**SMC 270/80**
114	**500**	**85**	**2900**	**75**	**SMC 310/100**
		100		**90**	**SMC 310/100**
		125		**110**	**SMC 310/100**
170	**750**	**42**	**2900**	**37**	**SMC 270/80**
		52		**45**	**SMC 270/80**
		62		**45**	**SMC 270/80**
		72		**55**	**SMC 270/80**
		82		**75**	**SMC 270/80**
170	**750**	**80**	**2900**	**75**	**SMC 310/100**
		100		**90**	**SMC 310/100**
		120		**110**	**SMC 310/100**
227	**1000**	**70**	**2900**	**75**	**SMC 310/100**
		90		**90**	**SMC 310/100**
		100		**110**	**SMC 310/100**
284	**1250**	**60**	**2900**	**75**	**SMC 310/100**
		80		**90**	**SMC 310/100**
		100		**110**	**SMC 310/100**
341	**1500**	**70**	**2900**	**110**	**SMC 310/100**

VERTICAL SHAFT MULTI STAGE SINGLE PUMP FIRE BOOSTERS

EY



DEFINITION

These are electrical fire groups that can pumped water between 10 m³/h and 34 m³/h, conforms with TSE standards.

USAGE AREAS

These types of electrical pumps that can be selected according to power, flow rate and head, are used in military complex , otels , hospitals, business and shopping centers , factories , buildings , warehouses, ships , schools and governancy buildings.

PUMP MATERIAL PROPERTIES

PUMP BODY	AISI 304 INOX
IMPELLER	NORYL
SHAFT	AISI 420
LIQUID TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	CI.F
MECHANICAL SEAL	CERAMIC/CARBON

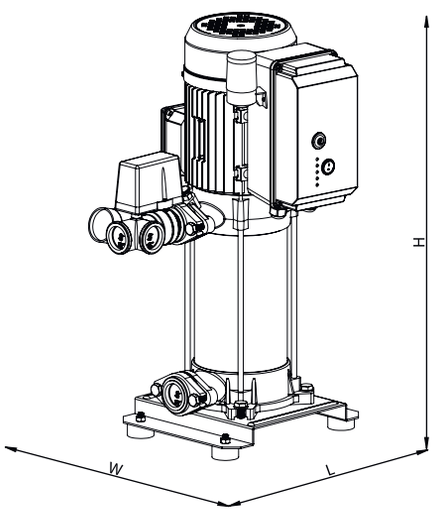
PUMP TECHNICAL PROPERTIES

TYPE	KW	V	Hm	rpm	W mm	L mm	H mm	MANIFOLD IN	MANIFOLD OUT	60 mss	80 mss
SHT 12 A 400/7 EY	1x3	380	50	2900	350	290	585	$1^{1/4}$	$1^{1/4}$	1x7m³	1x5m³
SHT 16 A 550/5 EY	1x4	380	50	2900	370	330	660	$1^{1/2}$	$1^{1/4}$	1x12m³	1x7m³
SHT 16 A 750/7 EY	1x5.5	380	50	2900	370	330	700	$1^{1/2}$	$1^{1/4}$	1x16m³	1x12m³
SHT 24 A 1000/7 EY	1x7.5	380	50	2900	817	670	1145	2”	2”	1x20m³	1x16m³
SHT 34 A 1500/6 EY	1x11	380	50	2900	817	670	1105	2”	2”	1x32m³	1x24m³

*Voice light alarm warning systems and weekly automatic test starter control panel
*Float switch with 10m Cable
*16 Bar expansion tank should be use for pump types above 10 Bar.

SH T16 A550 5 E Y

- Fire
- Electrical Pump
- Number Of Pump Stages
- Pump Power
- Pump Number (A=1 B=2 C=3 Pumps)
- Engine Size
- T:Three Phase
- Pump Type



VERTICAL SHAFT MULTI STAGE TWO PUMP FIRE BOOSTERS

EEY



DEFINITION

These are electrical fire groups that can pumped water between 10 m³/h and 34 m³/h, conforms with TSE standards.

USAGE AREAS

These types of two electrical fire extinguishing boosters that can be selected according to power, flow rate and head, are used in military complex , otels , hospitals, business and shopping centers , factories , buildings , warehouses, ships , schools and governancy buildings.

PUMP MATERIAL PROPERTIES

PUMP BODY	AISI 304 INOX
IMPELLER	NORYL
SHAFT	AISI 420
LIQUID TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	Cl.F
MECHANICAL SEAL	CERAMIC/CARBON

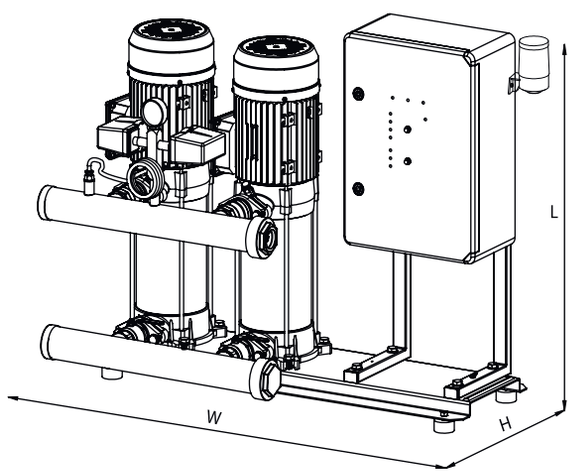
PUMP TECHNICAL PROPERTIES

TYPE	KW	V	Hm	rpm	W mm	L mm	H mm	MANIFOLD IN	MANIFOLD OUT	60 mss	80 mss
SHT 12 B 400/7 EEY	2x3	380	50	2900	940	465	585	2”	2”	2x7m³	2x5m³
SHT 16 B 550/5 EEY	2x4	380	50	2900	940	550	820	3”	2 1/2	2x12m³	2x7m³
SHT 16 B 750/7 EEY	2x5.5	380	50	2900	940	550	820	3”	2 1/2	2x16m³	2x12m³
SHT 24 B 1000/7 EEY	2x7.5	380	50	2900	1177	684	1145	3”	2 1/2	2x20m³	2x16m³
SHT 34 B 1500/6 EEY	2x11	380	50	2900	1177	684	1105	3”	2 1/2	2x32m³	2x24m³

*Voice light alarm warning systems and weekly automatic test starter control panel
*Float switch with 10m Cable
*16 Bar expansion tank should be use for pump types above 10 Bar.

SH T 16 B 550 5 EE Y

- Y: Fire
- EE: Electrical Pump
- 5: Number Of Pump Stages
- 550: Pump Power
- B: Pump Number (A=1 B=2 C=3 Pumps)
- 16: Engine Size
- T: T:Three Phase
- SH: Pump Type



VERTICAL SHAFT MULTI STAGE THREE PUMP FIRE BOOSTERS

EEEY



DEFINITION

These are electrical fire groups that can pumped water between 10 m³/h and 34 m³/h, conforms with TSE standards.

USAGE AREAS

These types of three electrical fire extinguishing boosters that can be selected according to power, flow rate and head, are used in military complex , otels , hospitals, business and shopping centers , factories , buildings , warehouses, ships , schools and governancy buildings.

PUMP MATERIAL PROPERTIES

PUMP BODY	AISI 304 INOX
IMPELLER	NORYL
SHAFT	AISI 420
LIQUID TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	CI.F
MECHANICAL SEAL	CERAMIC/CARBON

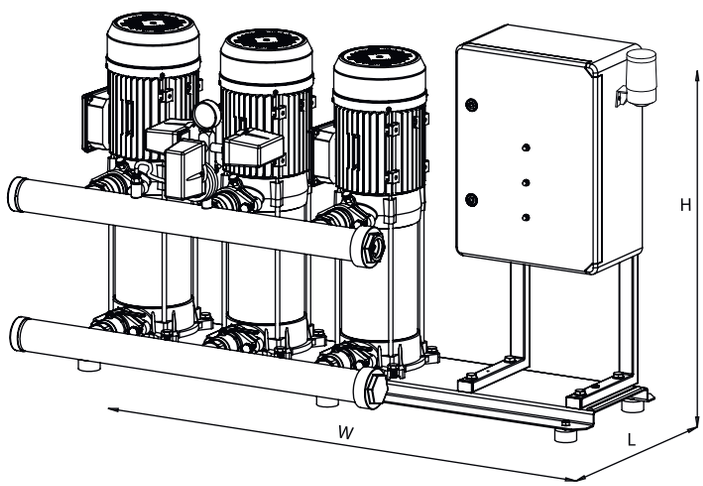
PUMP TECHNICAL PROPERTIES

TYPE	KW	V	Hm	d/d	W mm	L mm	H mm	MANIFOLD IN	MANIFOLD OUT	60 mss	80 mss
SHT 12 C 400/7 EEEY	3x3	380	50	2900	1190	465	820	2"	2"	3x7m³	3x5m³
SHT 16 C 550/5 EEEY	3x4	380	50	2900	1190	550	820	3"	2 1/2	3x12m³	3x7m³
SHT 16 C 750/7 EEEY	3x5.5	380	50	2900	1190	550	820	3"	2 1/2	3x16m³	3x12m³
SHT 24 C 1000/7 EEEY	3x7.5	380	50	2900	1537	684	1145	DN100	3"	3x20m³	3x16m³
SHT 34 C 1500/6 EEEY	3x11	380	50	2900	1537	684	1105	DN100	3"	3x32m³	3x24m³

*Voice light alarm warning systems and weekly automatic test starter control panel
*Float switch with 10m Cable
*16 Bar expansion tank should be use for pump types above 10 Bar.

SH T 16 C 550 5 EEE Y

- Pump Type
- T:Three Phase
- Engine Size
- Pump Number (A=1 B=2 C=3 Pumps)
- Pump Power
- Number Of Pump Stages
- Electrical Pump
- Fire



HORIZONTAL MULTI STAGE SINGLE PUMP FIRE BOOSTERS

EY



DEFINITION

These are electrical fire groups that can pumped water between 12 m³/h and 26 m³/h, conforms with TSE standards.

USAGE AREAS

These types of electrical pumps that can be selected according to power, flow rate and head, are used in military complex , otels , hospitals, business and shopping centers , factories , buildings , warehouses, ships , schools and governancy buildings.

PUMP MATERIAL PROPERTIES

PUMP BODY	GG25
IMPELLER	GG25
SHAFT	AISI 420
LIQUID TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	CI.F
MECHANICAL SEAL	CERAMIC/CARBON

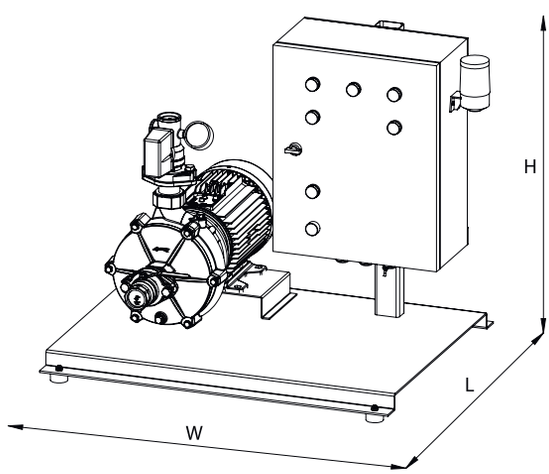
PUMP TECHNICAL PROPERTIES

TYPE	RPM	MOTOR POWER	START	W mm	L mm	H mm	MANIFOLD IN	MANIFOLD OUT	mss	m³/h
SMKT 750 EY	3000	1x7.5 HP	**Automatic**	500	550	600	1 1/2	1 1/2	60 80	1x15 1x12
SMKT 750/2 EY	3000	1x7.5 HP	**Automatic**	500	550	600	2"	2"	40 60	1x26 1x15

*Voice light alarm warning systems and weekly automatic test starter control panel
*Float switch with 10m Cable
*16 Bar expansion tank should be use for pump types above 10 Bar.

SMK T 750/2 E Y

- Fire
- Electrical Pump
- Number Of Pump Stages
- Pump Power
- T:Three Phase
- Pump Type



HORIZONTAL MULTI STAGE SINGLE PUMP + JOCKEY FIRE BOOSTERS

EJY



DEFINITION

These are electrical and jockey fire groups that can pumped water between 12 m³/h and 26 m³/h, conforms with TSE standards.

USAGE AREAS

These types of electrical and jockey fire extinguishing boosters that can be selected according to power, flow rate and head, are used in military complex , otels , hospitals, business and shopping centers , factories , buildings , warehouses, ships , schools and governancy buildings.

PUMP MATERIAL PROPERTIES

PUMP BODY	GG25
IMPELLER	GG25
SHAFT	AISI 420
LIQUID TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	Cl.F
MECHANICAL SEAL	CERAMIC/CARBON

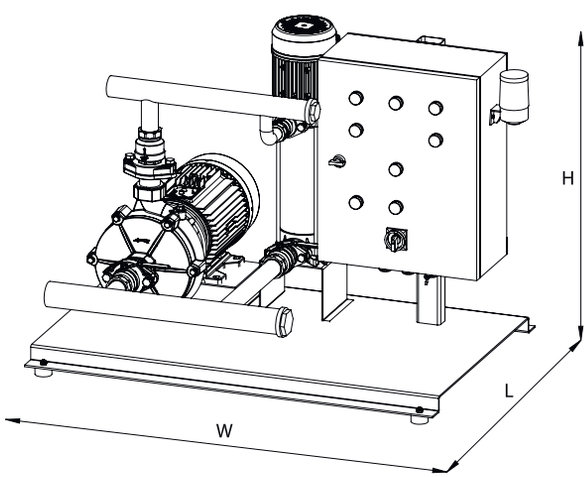
PUMP TECHNICAL PROPERTIES

TYPE	RPM	MOTOR POWER	START	W mm	L mm	H mm	MANIFOLD IN	MANIFOLD OUT	mss	m³/h
SMKT 750 EJY	3000	1x7.5 HP 1x1.8 HP	**Automatic**	950	790	730	3"	2 1/2	60 80	1x15 1x12
SMKT 750/2 EJY	3000	1x7.5 HP 1x1.8 HP	**Automatic**	950	850	730	3"	2 1/2	40 60	1x26 1x15

*Voice light alarm warning systems and weekly automatic test starter control panel
*Float switch with 10m Cable
*16 Bar expansion tank should be use for pump types above 10 Bar.

SMK T 750/2 E J Y

- Fire
- Jockey Pump
- Electrical Pump
- Number Of Pump Stages
- Pump Power
- T:Three Phase
- Pump Type



HORIZONTAL MULTI STAGE TWO PUMP + JOCKEY FIRE BOOSTERS

EEJY



DEFINITION

These are two electrical fire groups that can pumped water between 12 m³/h and 26 m³/h, conforms with TSE standards.

USAGE AREAS

These types of two electrical and jockey fire extinguishing boosters that can be selected according to power, flow rate and head, are used in military complex, otels , hospitals, business and shopping centers , factories , buildings , warehouses, ships , schools and governancy buildings.

PUMP MATERIAL PROPERTIES

PUMP BODY	GG25
IMPELLER	GG25
SHAFT	AISI 420
LIQUID TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	CI.F
MECHANICAL SEAL	CERAMIC/CARBON

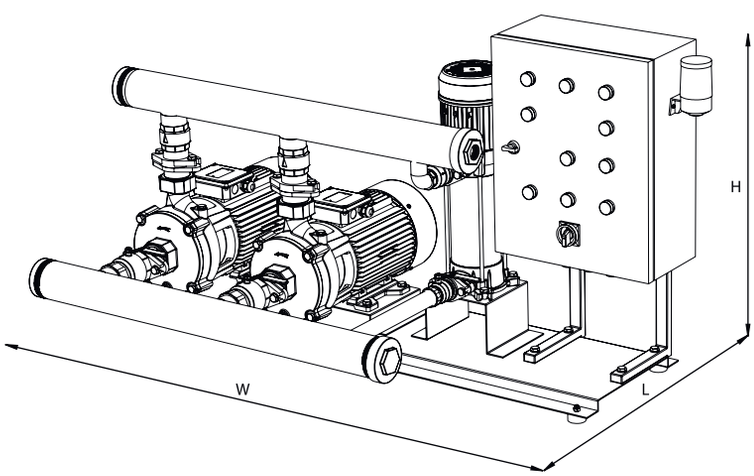
PUMP TECHNICAL PROPERTIES

TYPE	RPM	MOTOR POWER	START	W mm	L mm	H mm	MANIFOLD IN	MANIFOLD OUT	mss	m³/h
SMKT 750 EEJY	3000	2x7.5 HP 1x1.8 HP	**Automatic**	1310	790	730	3"	2 1/2	60 80	2x15 2x12
SMKT 750/2 EEJY	3000	2x7.5 HP 1x1.8 HP	**Automatic**	1310	850	730	3"	2 1/2	40 60	2x26 2x15

*Voice light alarm warning systems and weekly automatic test starter control panel
*Float switch with 10m Cable
*16 Bar expansion tank should be use for pump types above 10 Bar.

SMK T 750/2 E E J Y

- Pump Type
- T:Three Phase
- Pump Power
- Number Of Pump Stages
- Electrical Pump
- Electrical Pump
- Jockey Pump
- Fire



HORIZONTAL MULTI STAGE DIESEL ENGINE FIRE BOOSTERS

DY



DEFINITION

These are diesel fire groups that can pumped water between 12 m³/h and 26 m³/h, conforms with TSE standards.

USAGE AREAS

These types of diesel fire extinguishing boosters that can be selected according to power, flow rate and head, are used in military complex , otels , hospitals, business and shopping centers , factories , buildings , warehouses, ships , schools and governancy buildings.

PUMP MATERIAL PROPERTIES

PUMP BODY	GG25
IMPELLER	GG25
SHAFT	AISI 420
LIQUID TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	CI.F
MECHANICAL SEAL	CERAMIC/CARBON

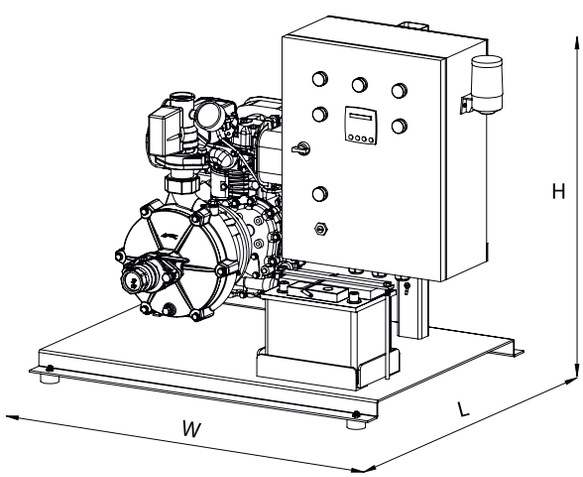
PUMP TECHNICAL PROPERTIES

TYPE	RPM	MOTOR POWER	START	W mm	L mm	H mm	MANIFOLD IN	MANIFOLD OUT	mss	m³/h
SMKT 750 DY	3000	1x7.5 HP	Automatic and Manual Start	1305	680	730	1 1/2	1 1/2	60 80	1x15 1x12
SMKT 750/2 DY	3000	1x7.5 HP	Automatic and Manual Start	1305	680	730	2"	2"	40 60	1x26 1x15

*Voice light alarm warning systems and weekly automatic test starter control panel
*Float switch with 10m Cable
*16 Bar expansion tank should be use for pump types above 10 Bar.

SMK T 750/2 E D Y

- Fire
- Diesel Pump
- Electrical Pump
- Number Of Pump Stages
- Pump Power
- T:Three Phase
- Pump Type



HORIZONTAL MULTI STAGE DIESEL ENGINE + JOCKEY FIRE BOOSTERS

DJY



DEFINITION

These are diesel and jockey fire groups that can pumped water between 12 m³/h and 26 m³/h, conforms with TSE standards.

USAGE AREAS

These types of diesel and jockey fire extinguishing boosters that can be selected according to power, flow rate and head, are used in military complex, otels , hospitals, business and shopping centers , factories , buildings , warehouses, ships , schools and governancy buildings.

PUMP MATERIAL PROPERTIES

PUMP BODY	GG25
IMPELLER	GG25
SHAFT	AISI 420
LIQUID TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	Cl.F
MECHANICAL SEAL	CERAMIC/CARBON

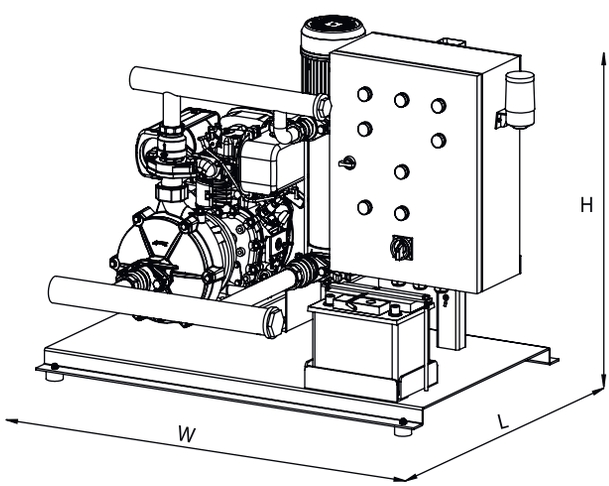
PUMP TECHNICAL PROPERTIES

TYPE	RPM	MOTOR POWER	START	W mm	L mm	H mm	MANIFOLD IN	MANIFOLD OUT	mss	m³/h
SMKT 750 DJY	3000	1x7.5 HP 1x1.8 HP	Automatic and Manual Start	1305	1070	730	3"	2 1/2	60 80	1x15 1x12
SMKT 750/2 DJY	3000	1x7.5 HP 1x1.8 HP	Automatic and Manual Start	1305	1070	730	3"	2 1/2	40 60	1x26 1x15

*Voice light alarm warning systems and weekly automatic test starter control panel
*Float switch with 10m Cable
*16 Bar expansion tank should be use for pump types above 10 Bar.

SMK T 750/2 D J Y

- Pump Type
- T:Three Phase
- Pump Power
- Number Of Pump Stages
- Diesel Pump
- Jockey Pump
- Fire



HORIZONTAL MULTI STAGE ELECTRICAL + DIESEL + JOCKEY FIRE BOOSTERS

EDJY



DEFINITION

These are electrical, diesel and jockey fire groups that can pumped water between 12 m³/h and 26 m³/h, conforms with TSE standards.

USAGE AREAS

These types of electrical, diesel and jockey fire extinguishing boosters that can be selected according to power, flow rate and head, are used in military complex , otels , hospitals, business and shopping centers , factories , buildings, warehouses, ships , schools and governancy buildings.

PUMP MATERIAL PROPERTIES

PUMP BODY	GG25
IMPELLER	GG25
SHAFT	AISI 420
LIQUID TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	Cl.F
MECHANICAL SEAL	CERAMIC/CARBON

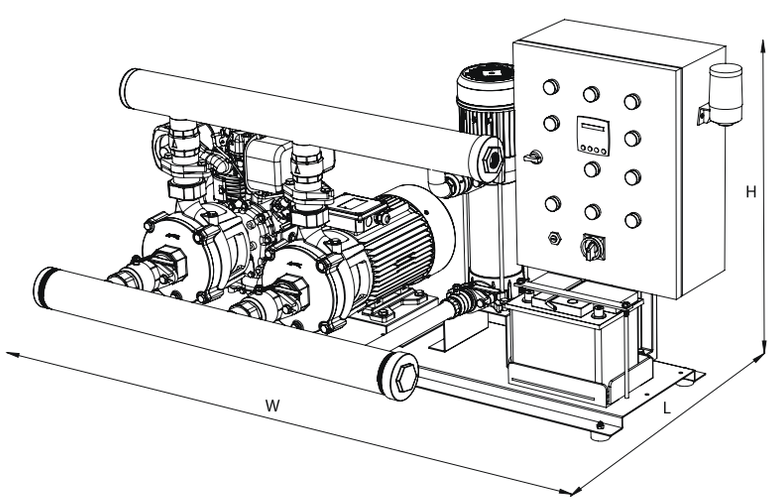
PUMP TECHNICAL PROPERTIES

TYPE	RPM	MOTOR POWER	START	W mm	L mm	H mm	MANIFOLD IN	MANIFOLD OUT	mss	m³/h
SMKT 750 EDJY	3000	2x7.5 HP 1x1.8 HP	Automatic and Manual Start	1305	1070	730	3"	2 1/2	60 80	2x15 2x12
SMKT 750/2 EDJY	3000	2x7.5 HP 1x1.8 HP	Automatic and Manual Start	1305	1070	730	3"	2 1/2	40 60	2x26 2x15

*Voice light alarm warning systems and weekly automatic test starter control panel
*Float switch with 10m Cable
*16 Bar expansion tank should be use for pump types above 10 Bar.

SMK T 750/2 E D J Y

- Fire
- Jockey Pump
- Diesel Pump
- Electrical Pump
- Number Of Pump Stages
- Pump Power
- T:Three Phase
- Pump Type



END SUCTION FIRE BOOSTERS

SMT 250/65 EDJY



DEFINITION

These are electrical, diesel and jockey fire groups that can pumped water between 12 m³/h and 300 m³/h, conforms with TSE standards.

USAGE AREAS

These types of electrical, diesel and jockey fire extinguishing boosters that can be selected according to power, flow rate and head, are used in military complex , otels , hospitals, business and shopping centers , factories , buildings, warehouses, ships , schools and governancy buildings.

PUMP MATERIAL PROPERTIES

PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
LIQUID TEMPERATURE	0-45°C
SEAL	GLAND PACKING
INPUT FLANGE	DN80 PN16
OUTPUT FLANGE	DN65 PN16

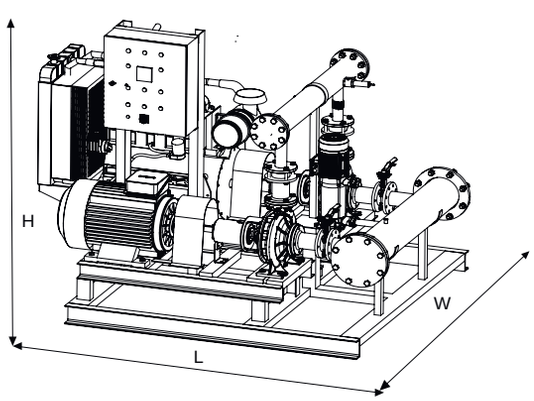
PUMP TECHNICAL PROPERTIES

TYPE	RPM	START	W mm	L mm	H mm	MANIFOLD IN	MANIFOLD OUT	mss	m³/h
SMT250/32 EDJY Series	3000	Automatic and Manual Start	1850	2350	1800	4”	3”	60 80	2x28 2x32
SMT250/40 EDJY Series	3000	Automatic and Manual Start	1850	2350	1800	5”	4”	60 80	2x65 2x50
SMT250/50 EDJY Series	3000	Automatic and Manual Start	1870	2450	1835	5”	4”	60 80	2x120 2x90
SMT250/65 EDJY Series	3000	Automatic and Manual Start	1890	2550	1870	6”	5”	60 80	2x175 2x140
SMT250/80 EDJY Series	3000	Automatic and Manual Start	1900	2800	2000	8”	6”	60 80	2x270 2x240
SMT250/100 EDJY Series	3000	Automatic and Manual Start	1900	2900	2050	8”	8”	60 80	2x370 2x300

*That dimensions on the table are estimate measures. Dimensions may vary due to different motor types.
*Voice light alarm warning systems and weekly automatic test starter control panel.
*Float switch with 10m cable
*16 Bar expansion tank should be use for pump types above 10 Bar.

SMT 250/65 E D J Y

- Y — Fire
- J — Jockey Pump
- D — Diesel Pump
- E — Electrical Pump
- 250/65 — Pump Type



END SUCTION FIRE BOOSTERS

SMT 250/65 EEJY



DEFINITION

These are two electrical and jockey fire groups that can pumped water between 12 m³/h and 300 m³/h, conforms with TSE standards.

USAGE AREAS

These types of two electrical fire extinguishing boosters that can be selected according to power, flow rate and head, are used in military complex , otels, hospitals, business and shopping centers , factories , buildings , warehouses, ships , schools and governancy buildings.

PUMP MATERIAL PROPERTIES

PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
LIQUID TEMPERATURE	0-45°C
SEAL	GLAND PACKING
INPUT FLANGE	DN80 PN16
OUTPUT FLANGE	DN65 PN16

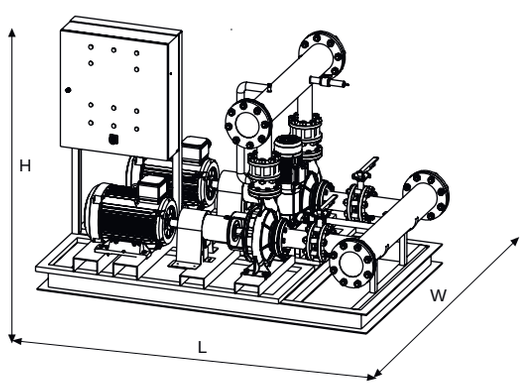
PUMP TECHNICAL PROPERTIES

TYPE	RPM	START	W mm	L mm	H mm	MANIFOLD IN	MANIFOLD OUT	mss	m³/h
SMT250/32 EEJY Series	3000	Automatic and Manual	1200	1850	1300	4”	3”	60 80	2x28 2x32
SMT250/40 EEJY Series	3000	Automatic and Manual	1250	1900	1500	5”	4”	60 80	2x65 2x50
SMT250/50 EEJY Series	3000	Automatic and Manual	1300	2150	1800	5”	4”	60 80	2x120 2x90
SMT250/65 EEJY Series	3000	Automatic and Manual	1500	2250	1850	6”	5”	60 80	2x175 2x140
SMT250/80 EEJY Series	3000	Automatic and Manual	1600	2350	1900	8”	6”	60 80	2x270 2x240
SMT250/100 EEJY Series	3000	Automatic and Manual	1700	2400	1950	8”	8”	60 80	2x370 2x300

*That dimensions on the table are estimate measures. Dimensions may vary due to different motor types.
*Voice light alarm warning systems and weekly automatic test starter control panel.
*Float switch with 10m cable
*16 Bar expansion tank should be use for pump types above 10 Bar.

SMT 250/65 E E J Y

- Pump Type
- Electrical Pump
- Electrical Pump
- Jockey Pump
- Fire



SPLIT CASE (DOUBLE SUCTION) FIRE BOOSTERS

SMC 310/100 DY



DEFINITION

These are diesel fire groups that can pumped water between 60 m³/h and 300 m³/h, conforms with standards

USAGE AREAS

These types of diesel fire extinguishing boosters that can be selected according to power, flow rate and head, are used in military complex , otels , hospitals, business and shopping centers , factories , buildings , warehouses, ships , schools and governancy buildings

PUMP MATERIAL PROPERTIES

PUMP BODY	GGG40 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 420
LIQUID TEMPERATURE	0-45°C
SEAL	GLAND PACKING
INPUT FLANGE	DN150 PN16(SMC 310/100)
OUTPUT FLANGE	DN125 PN16(SMC 310/100)
INPUT FLANGE	DN125 PN16(SMC 270/80)
OUTPUT FLANGE	DN80 PN16 (SMC 270/80)

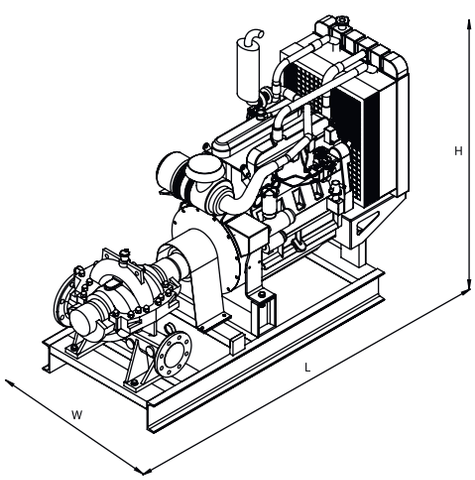
PUMP TECHNICAL PROPERTIES

TYPE	RPM	MOTOR POWER	START	W mm	L mm	H mm	MANIFOLD IN	MANIFOLD OUT	mss	m³/h
SMC 270/80 DY	3000	1x75 KW	Automatic and Manual Start	600	1918	1450	5”	3”	80 90	1x180 1x140
SMC 310/100 DY	3000	1x90 KW	Automatic and Manual Start	670	1916	1525	6”	5”	79 92	1x280 1x200

*That dimensions on the table are estimate measures. Dimensions may vary due to different motor types.
*Voice light alarm warning systems and weekly automatic test starter control panel.
*Float switch with 10m cable
*16 Bar expansion tank should be use for pump types above 10 Bar.

SMC 310/100 D Y

- Y — Fire
- D — Diesel Pump
- SMC 310/100 — Pump Type



SPLIT CASE (DOUBLE SUCTION) FIRE BOOSTERS

SMC 310/100 EY



DEFINITION

These are electrical fire groups that can pumped water between 60 m³/h and 300 m³/h, conforms with standards.

USAGE AREAS

These types of electrical fire extinguishing boosters that can be selected according to power, flow rate and head, are used in military complex , otels, hospitals, business and shopping centers , factories , buildings , warehouses, ships , schools and governancy buildings.

PUMP MATERIAL PROPERTIES

PUMP BODY	GGG40 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 420
LIQUID TEMPERATURE	0-45°C
SEAL	GLAND PACKING
INPUT FLANGE	DN150 PN16(SMC 310/100)
OUTPUT FLANGE	DN125 PN16(SMC 310/100)
INPUT FLANGE	DN125 PN16(SMC 270/80)
OUTPUT FLANGE	DN80 PN16 (SMC 270/80)

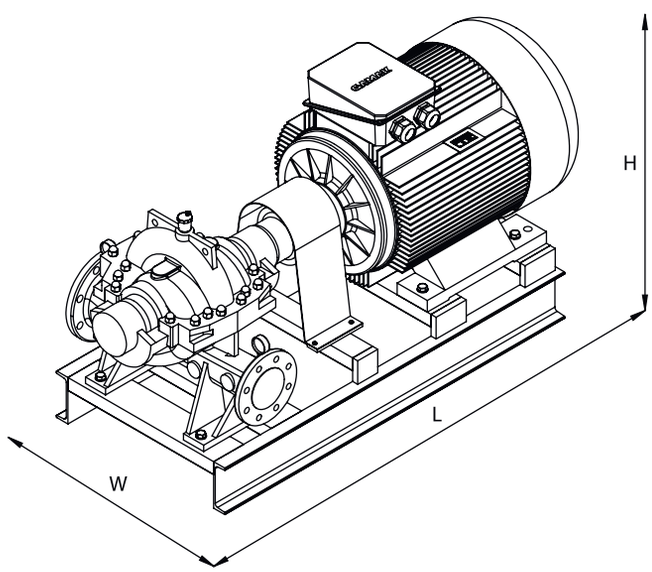
PUMP TECHNICAL PROPERTIES

TYPE	RPM	MOTOR POWER	START	W mm	L mm	H mm	MANIFOLD IN	MANIFOLD OUT	mss	m³/h
SMC 270/80 EY	3000	1x75 KW	Automatic and Manual Start	600	1918	1450	5”	3”	80 90	1x180 1x140
SMC 310/100 EY	3000	1x90 KW	Automatic and Manual Start	670	1916	1525	6”	5”	79 92	1x280 1x200

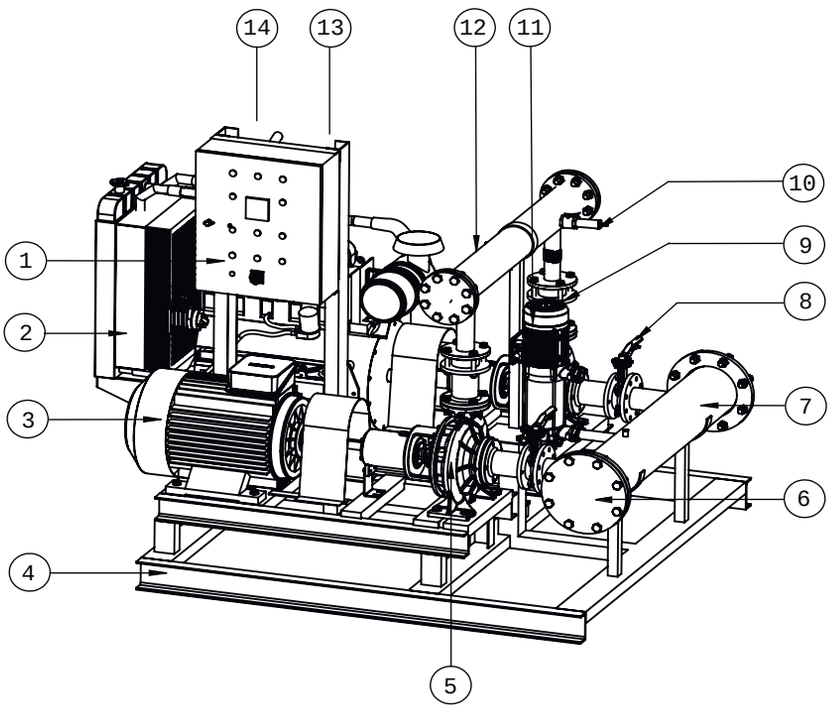
*That dimensions on the table are estimate measures. Dimensions may vary due to different motor types.
*Voice light alarm warning systems and weekly automatic test starter control panel.
*Float switch with 10m cable
*16 Bar expansion tank should be use for pump types above 10 Bar.

SMC 310/100 E Y

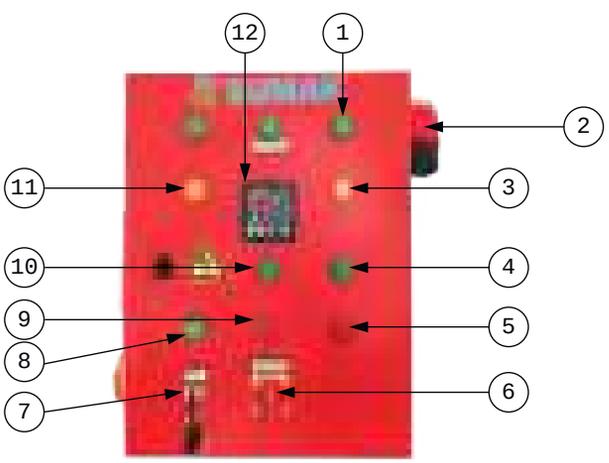
- Pump Type
- Electrical Pump
- Fire

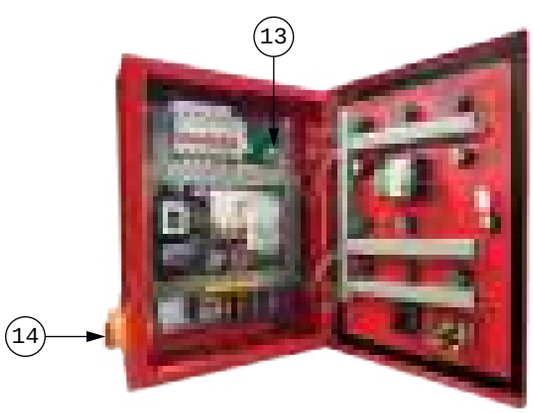


SMT 250 EDJY



No	Product Name
1	Control Panel
2	Diesel Engine
3	Electrical Motor
4	Chassis
5	Electrical Pump
6	Flange
7	Suction Manifold
8	Butterfly Valve
9	Check Valve
10	Safety Valve
11	Jockey Pump
12	Discharge Manifold
13	Pressure Switch
14	Manometer
	Optional
Op	Bronze Impeller
Op	OS&Y Valve
Op	Butterfly Valve on Discharge Line
Op	3 Different Panel

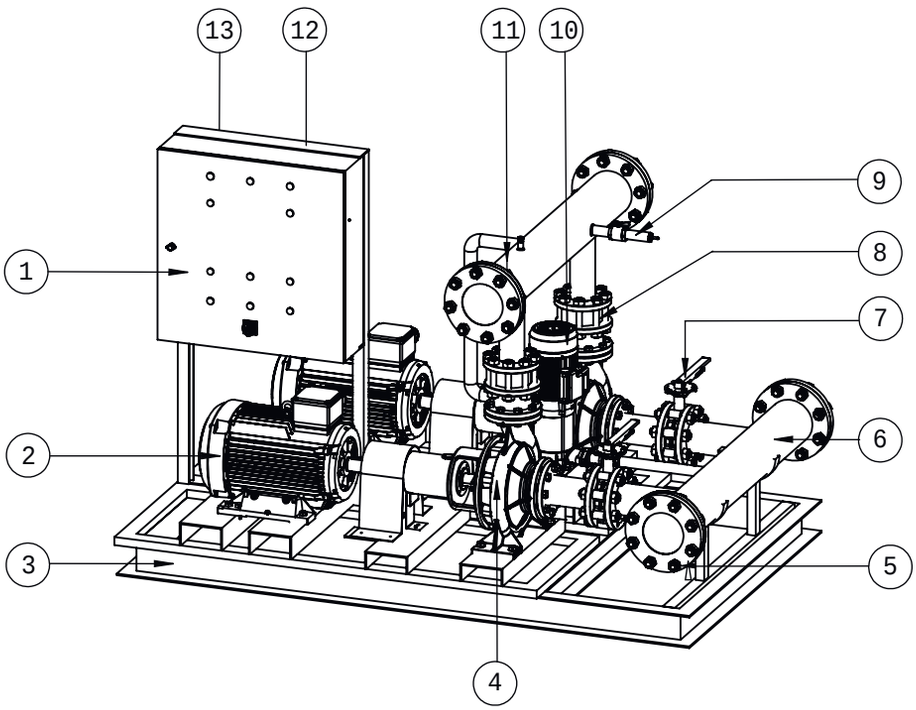




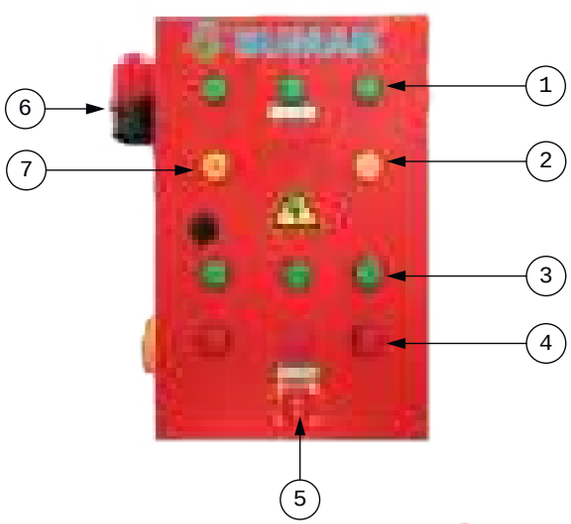
No	Product Name
1	Three Phase Lights
2	Voice Light Alarm
3	No Water Light
4	Pump On
5	Pump Failure
6	Jockey Start
7	Diesel Manual Start
8	Diesel Manual Stop
9	Jockey Pump Failure
10	Jockey Pump On
11	Phase Failure
12	Diesel Control Panel
13	Weekly Test Card
14	Main Breaker

*Individual control panel for each pump is optional.

SMT 250 EEJY



No	Product Name
1	Control Panel
2	Electrical Motor
3	Chassis
4	Electrical Pump
5	Flange
6	Suction Manifold
7	Butterfly Valve
8	Check Valve
9	Safety Valve
10	Jockey Pump
11	Discharge Manifold
12	Pressure Switch
13	Manometer
	Optional
Op	Bronze Impeller
Op	OS&Y Valve
Op	Butterfly Valve on Discharge Line
Op	3 Different Panel





No	Product Name
1	Three Phase Lights
2	No Water Light
3	Pump On
4	Pump Failure
5	Jockey Start
6	Voice Light Alarm
7	Phase Failure
8	Weekly Test Card
9	Main Breaker

*Individual control panel for each pump is optional.

SUMAK®

ELECTRICAL WIRING SELECTION TABLE

Motor Power				Minimum Cable Cuts (mm²)									
	kW	HP		4x1	4x1.5	4x2.5	4x4	4x6	4x10	4x16	4x25	4x35	4x50
Monophase 220 V - 50 Hz	0.37	0.5	Maximum allowable cable lenght	55	80	130							
	0.55	0.75		35	55	90	140						
	0.75	1		25	40	65	105	160					
	1.1	1.5		20	30	50	75	115	190				
	1.5	2			22	36	60	90	145				
	2.2	3				30	48	72	120				
Triphase 380 V - 50 Hz	0.37	0.5		315									
	0.55	0.75		210	315								
	0.75	1		165	210								
	1.1	1.5		120	165	285							
	1.5	2		90	120	225	360						
	2.2	3		65	90	165	255						
	3	4		45	65	110	180	390					
	4	5.5		35	45	85	135	255	330				
	5.5	7.5			35	70	110	195	270				
	7.5	10				50	85	165	220				
	11	15				40	75	130	180	320			
	15	20					65	100	160	260	400		
	18.5	25					50	95	125	200	310		
	22	30					40	75	110	175	275		
	30	40						55	80	125	195	280	
	37	50						45	60	100	160	230	325
	45	60							50	85	130	185	265
	55	75								40	70	150	220

NOTE

NOTE

NOTE



TÜRK STANDARDLARI ENSTİTÜSÜ
TÜRK STANDARDLARINA UYGUNLUK BELGESİ
TURKISH STANDARDS INSTITUTION
CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS
TSE

TÜRK STANDARDLARI ENSTİTÜSÜ
KRİTERE UYGUNLUK BELGESİ
TURKISH STANDARDS INSTITUTION
CERTIFICATE OF CONFORMANCE TO CRITERIA
TSEK



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