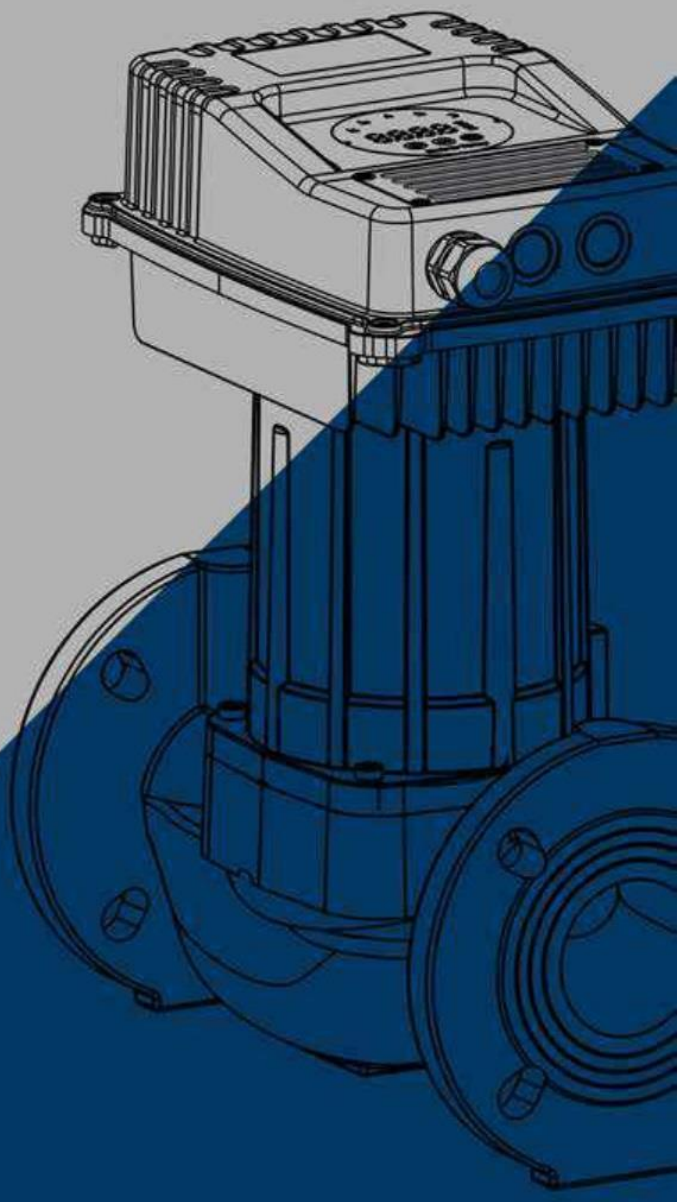
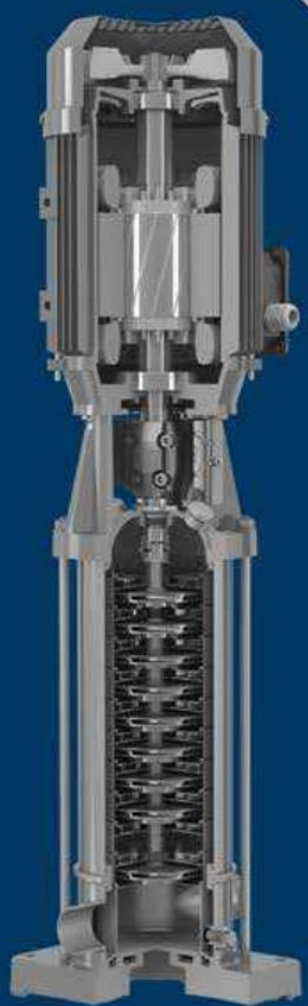
SUMAK®

"Heart of the water„





EL-VIT 2 LTD

2021 Product Catalogue

KALİTE YÖNETİM SİSTEMİ BELGESİ

QUALITY MANAGEMENT SYSTEM CERTIFICATE

Kalite Yönetim Sistemi
TS EN ISO/IEC 17021-1
AB-0002-YS

Partner of IQNet

TÜRK STANDARDLARI ENSTİTÜSÜ
bu belge ile

SUMAK POMPA A.Ş.
ŞERİFALİ MAH. KUTUP SOK.
NO:18/1 34775 ÜMRANİYE -
İSTANBUL / 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

SİSTEM BELGELENDİRME GRUP BAŞKANI
HEAD of SYSTEM CERTIFICATION GROUP

GÖKCEN BİRCAN DEĞERLİYURT

Bu belge belgelendirme şartlarına uygunluk sağlandığı sürece geçerlidir.

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

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İSTANBUL / 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-5153-07/09-R15
Belge Tarihi / Date of Certificate	11.10.2018
Geçerlilik Tarihi / Valid Until	11.10.2021
Revizyon Tarihi / Date of Revision	11.10.2018
İlk Belge Tarihi / Initial Certification Date	04.09.2007

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

SUMAK®

SUBMERSIBLE PUMPS











SUBMERSIBLE DRAINAGE PUMPS

SDF300-SDF5



SDF10-SDF13



DEFINITION

Monophasic electric, easy-to-install, self-running, floatered submersible drainage pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

This type pumps using at, waterfall up to a maximum height of 14 m, basement, ornamental pond, building, drainage pit and puddles, and discharges particles not exceeding 3 mm.

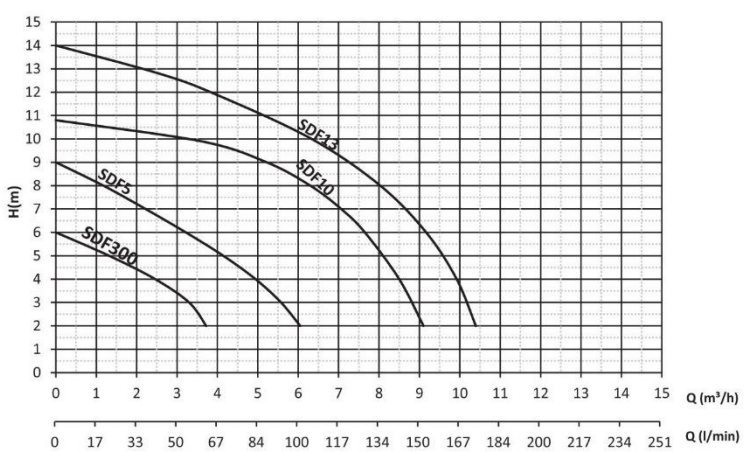
PUMP MATERIAL PROPERTIES

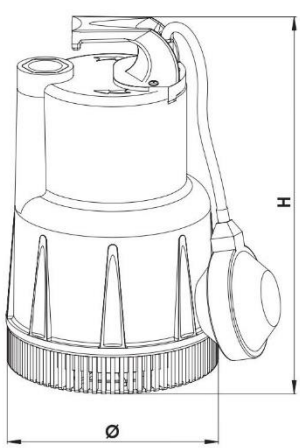
PUMP BODY	**PPH**
IMPELLER	**NORLY**
SHAFT	**AISI 304 INOX**
LIQUID PUMPING TEMPERATURE	**0-30°C**
PROTECTION CLASS	**IP 68**
IZOLATION	**CI.F**
CABLE LENGTH	**10 m**
MECHANICAL SEAL	**SIC / SIC**

TYPE	Panel	Open Impeller	Close Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller	Thermic Productor
SDF300		✔					✔	
SDF5		✔					✔	
SDF10		✔					✔	✔
SDF13		✔					✔	✔

PUMP TECHNICAL PROPERTIES — الميزات التقنية للمضخة

MOTOR									PUMP									
TYPE	KW	HP	V	Hz	A	rpm	CAPACITOR uf	CAPACITOR Vc	INPUT OUTPUT	Ø mm	H mm	KG	m³/h	1	3	5	7	10
SDF300	0.25	0.33	220	50	1.3	2900	8	450	1"	147	248	4.5	Hm	5.2	3.5	-	-	-
SDF5	0.37	0.5	220	50	1.7	2900	10	450	1"	147	248	5.5		8	6	4	-	-
SDF10	0.65	0.85	220	50	4.3	2900	20	450	1 1/4	180	326	12		10.5	10	9	7	-
SDF13	1	1.3	220	50	4.4	2900	25	450	1 1/4	180	326	13		13.5	12.5	11	9	4





SUBMERSIBLE DRAINAGE PUMPS

SDF6



DEFINITION

Stainless body, Monophasic electric, easy-to-install, suitable for work continuously, floatered submersible drainage pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

This type pumps using at, waterfall up to a maximum height of 18 m, basement, ornamental pond, building, drainage pit and puddles, and discharges particles not exceeding 3 mm, besides because of the pump body is stainless, its suitable for work continuously.

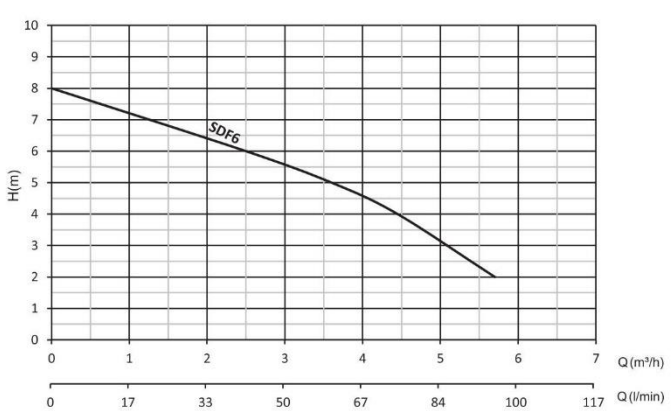
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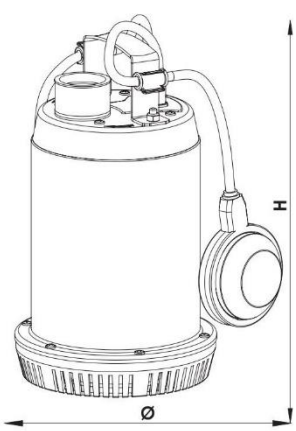
PUMP BODY	INOX
IMPELLER	NORLY
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
IZOLATION	CI.F
CABLE LENGTH	10 m
MECHANICAL SEAL	SIC / SIC

TYPE	Panel	Open Impeller	Close Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SDF6		✔					✔

PUMP TECHNICAL PROPERTIES

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





FEW DIRTY WATER SUBMERSIBLE PUMPS

SDF15/1,5



SDF18/2-Y



DEFINITION

Monophasic electric, easy-to-install, stainless body, self-running, floatered submersible drainage pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

This type pumps using at, waterfall up to a maximum height of 20 m, basement, ornamental pond, building, drainage pit and puddles, and discharges particles not exceeding 36mm.

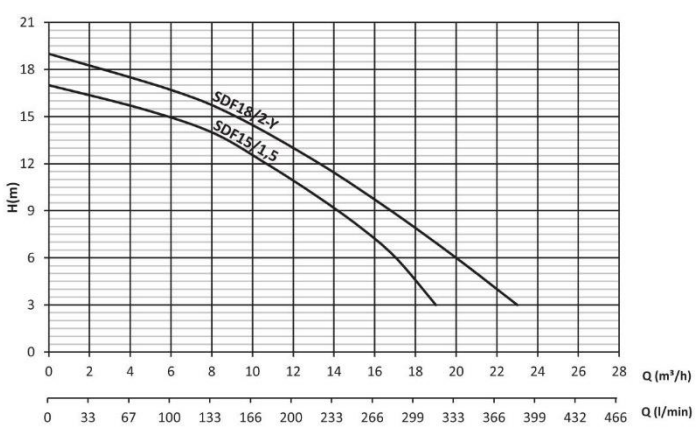
PUMP MATERIAL PROPERTIES

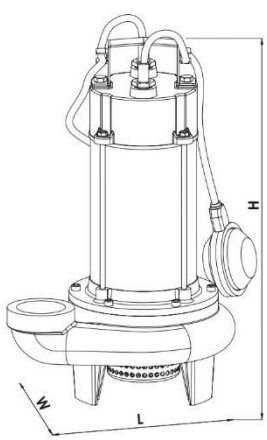
PUMP BODY	INOX
IMPELLER	AISI 304 INOX (SDF15/1,5) GG25 CAST (SDF18/2-Y)
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
IZOLATION	CI.F
CABLE LENGTH	10 m
MECHANICAL SEAL	SIC / SIC

TYPE	Panel	Open Impeller	Close Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SDF15/1,5	✓		✓		✓		
SDF18/2-Y	✓	✓				✓	

PUMP TECHNICAL PROPERTIES

MOTOR									PUMP										
TYPE	KW	HP	V	Hz	A	d/d	CAPACITOR uf	CAPACITOR Vc	INPUT OUTPUT	W mm	L mm	H mm	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	20.5	Hm	16.5	14	11	7.5	-
SDF18/2-Y	1.35	1.8	220	50	6.5	2900	30	450	2"	200	280	430	23		18	16	13	10	6





FEW DIRTY WATER SUBMERSIBLE PUMPS

SDTY100/2



DEFINITION

CASTING body, three-phase electric, high-altitude, multi-stage clean and few dirty water submersible pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

This type pumps using at, waterfall up to a maximum height of 81 m, supply of clean and few dirty water.

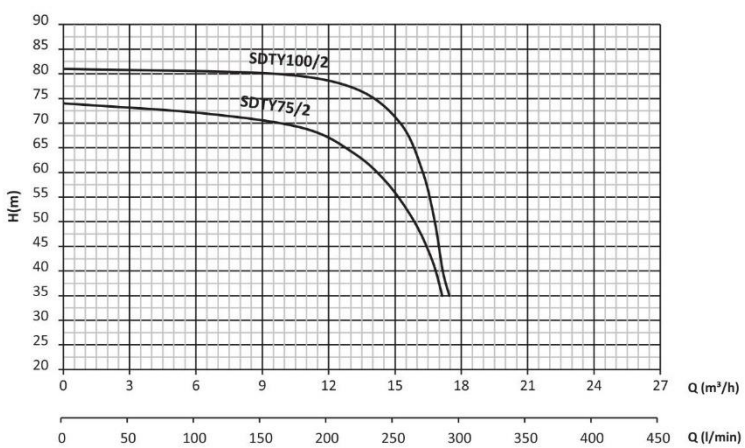
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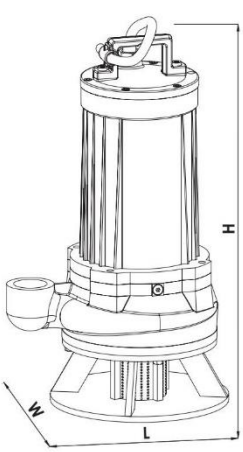
PUMP BODY	GG25 CAST
IMPELLER	GG25 CAST
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
IZOLATION	CI.F
CABLE LENGTH	10 m
MECHANICAL SEAL	SIC / SIC

TYPE	Panel	Open Impeller	Close Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SDTY75/2	✓		✓			✓	
SDTY100/2	✓		✓			✓	

PUMP TECHNICAL PROPERTIES

MOTOR								PUMP									
TYPE	KW	HP	V	Hz	A	rpm	INPUT OUTPUT	W mm	L mm	H mm	KG	m³/h	7	12	16	17	18
SDTY75/2	5.5	7.5	380	50	12.5	2900	2"	185	400	650	86.5	Hm	72	67	50	40	-
SDTY100/2	7.5	10	380	50	14	2900	2"	200	400	650	92.5		80	77	68	45	-





STAINLESS STEEL DRAINAGE SUBMERSIBLE PUMPS WITH COOLING JACKET VORTEX IMPELLER

SDTV40/2.5 Z



DEFINITION

They are cast iron body, three-phase, cooling jacket drainage submersible pumps. Thanks to cooling jacket, it is suitable for long-term operation.
It is manufactured at 50 Hz and 60 Hz frequencies.

USAGE AREAS

These are drainage submersible pumps which are suitable for use in mines, canals and pits, in the discharge of cloudy waters, rain flood waters in channels and holes, excavation pits with high flow rates, on the ground of settlements and in industrial plants, and can be self-cooled up to a maximum height of 29 m without housing being completely submerged.

PUMP MATERIAL PROPERTIES

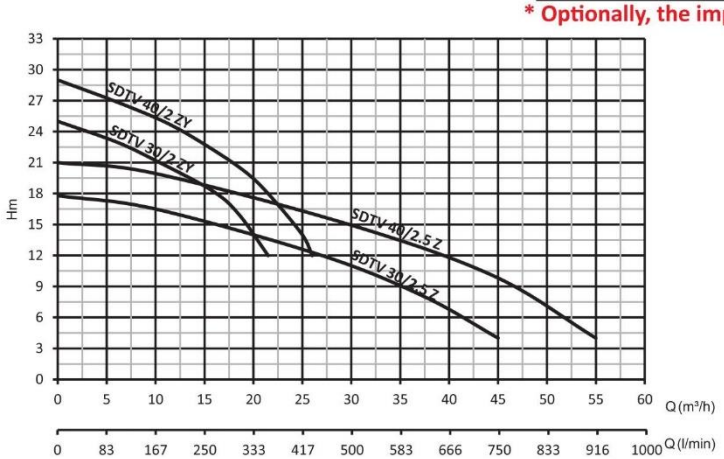
PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
COOLING BODY	AISI 304 INOX
SUCTION FILTER	AISI 304 INOX
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
ISOLATION	CI.F
CABLE LENGTH	10 m
MECHANICAL SEAL	SIC / SIC

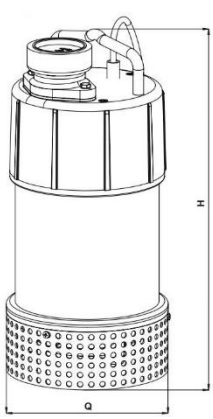
Type	Panel	Open Impeller	Close Impeller	Blade	Stainless (AISI 304 INOX)	Casting Impeller (GG25)	Noryl Impeller
SDTV30/2 ZY	✓	✓				✓	
SDTV40/2 ZY	✓	✓				✓	
SDTV30/2.5 Z	✓	✓				✓	
SDTV40/2.5 Z	✓	✓				✓	

PUMP TECHNICAL PROPERTIES

	MOTOR							PUMP										
	TYPE	KW	HP	V	Hz	A	rpm	INPUT OUTPUT	Q mm	H mm	KG	m³/h	5	15	20	30	40	55
*	SDTV30/2 Z Y	2.2	3	380	50	5	2850	2"	230	495	46	Hm	23	11	14	-	-	-
*	SDTV40/2 Z Y	3	4	380	50	6.4	2850	2"	230	495	50		27	23	19	-	-	-
*	SDTV30/2.5 Z	2.2	3	380	50	5	2850	2½	230	495	46		17	15	14	11	7	-
*	SDTV40/2.5 Z	3	4	380	50	6.4	2850	2½	230	495	50		20	19	18	15	12	4

*** Optionally, the impeller AISI 430 can be manufactured with the receiving flange. AISI 430**





VORTEX IMPELLER SEPTIC SUBMERSIBLE PUMPS

SDTV30/2



DEFINITION

Casting body, three-phase, septic submersible pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

This type pumps using at, drainage of puddles, rain and floodwaters in channels and pits up to a maximum height of 21 m, ornamental pools with high flow, residential units and industrial facilities. Because SDTV series pumps are vortex impeller, they are used for the discharge of solid waste and in the discharge of cloth, sack piece, fibrous material up to 20 mm.

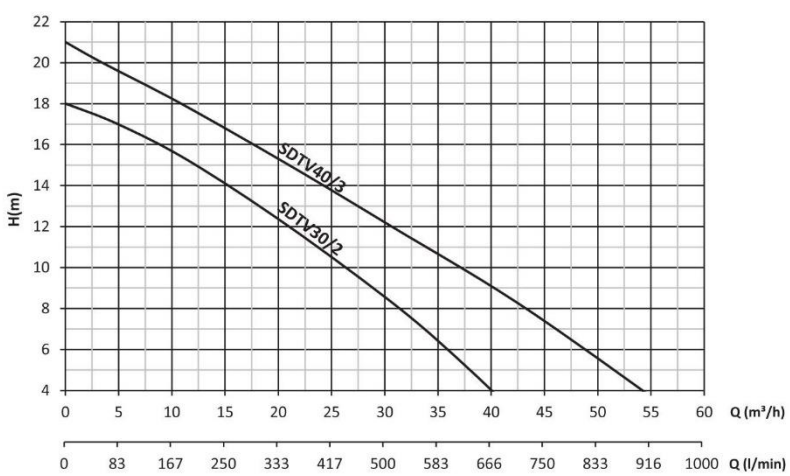
PUMP MATERIAL PROPERTIES

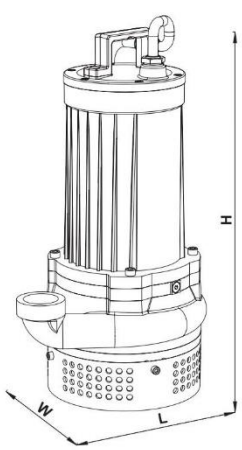
PUMP BODY	**GG25 CAST**
IMPELLER	**GG25 CAST**
SHAFT	**AISI 304 INOX**
LIQUID PUMPING TEMPERATURE	**0-30°C**
PROTECTION CLASS	**IP 68**
IZOLATION	**CI.F**
CABLE LENGTH	**10 m**
MECHANICAL SEAL	**SIC / SIC**

TYPE	Panel	Open Impeller	Close Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SDTV30/2	✓	✓				✓	
SDTV40/3	✓	✓				✓	

PUMP TECHNICAL PROPERTIES

MOTOR									PUMP									
TYPE	KW	HP	V	Hz	A	rpm	OUTPUT	Hm	W mm	L mm	H mm	KG	m³/h	15	25	35	50	60
SDTV30/2	2.2	3	380	50	4.4	2900	2"	18	260	330	410	46	Hm	14	10	7	-	-
SDTV40/3	3	4	380	50	6.7	2900	3"	21	260	330	410	47		17	13	11	6	2





VORTEX IMPELLER SEPTIC SUBMERSIBLE PUMPS

SDTV50/2 - SDTV75/2



DEFINITION

Casting body, three-phase, septic submersible pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

This type pumps using at, drainage of puddles, rain and floodwaters in channels and pits up to a maximum height of 39 m, ornamental pools with high flow, residential units and industrial facilities. Because SDTV series pumps are vortex impeller, they are used for the discharge of solid waste and the discharge of cloth, sack piece, fibrous material up to 10 mm. Because SDTV100/4 type pumps are vortex fan, they are preferred for the discharge of solid waste and in the discharge of cloth, sack piece, fibrous material up to 50 mm.

SDTV100/4



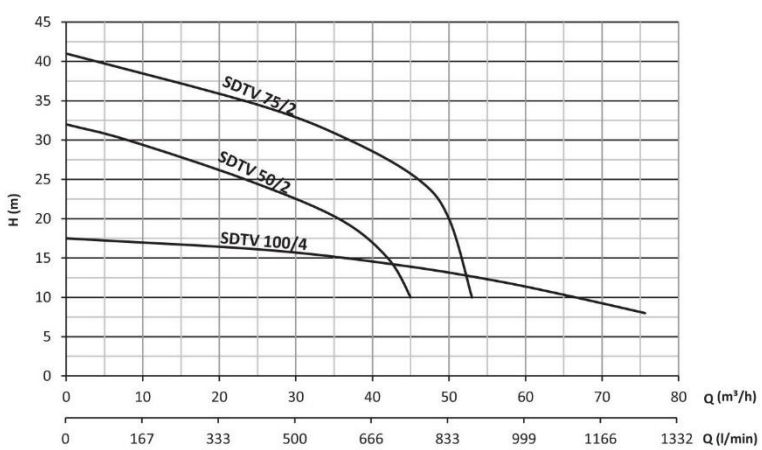
PUMP MATERIAL PROPERTIES

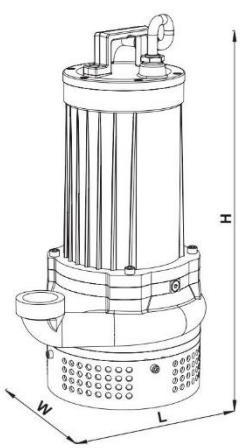
PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
IZOLATION	CI.F
CABLE LENGTH	10 m
MECHANICAL SEAL	SIC / SIC

TYPE	Panel	Open Impeller	Close Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SDTV50/2	✔	✔				✔	
SDTV75/2	✔	✔				✔	
SDTV100/4	✔	✔				✔	

PUMP TECHNICAL PROPERTIES

MOTOR									PUMP									
TYPE	KW	HP	V	Hz	A	rpm	OUTPUT	Hm	W mm	L mm	H mm	KG	m³/h	15	25	35	50	60
SDTV50/2	4	5.5	380	50	9.5	2900	2"	32	290	380	610	77.5	Hm	27	24	20	-	-
SDTV75/2	5.5	7.5	380	50	12	2900	2"	42	290	380	610	81		37	34	31	20	-
SDTV100/4	7.5	10	380	50	14	2900	4"	17	290	525	661	91		16.5	15.5	15	13	11





BODY-COOLED DRAINAGE SUBMERSIBLE PUMPS

SDT50/3Z



DEFINITION

Casting body, three-phase, body-cooled drainage submersible pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz. Because of body cooling, it can work for a long time.

USAGE AREAS

This type pumps using at, drainage of puddles, rain and floodwaters in channels and pits up to a maximum height of 35 m, excavation pits with high flow, floors of residential units and industrial facilities.

PUMP MATERIAL PROPERTIES

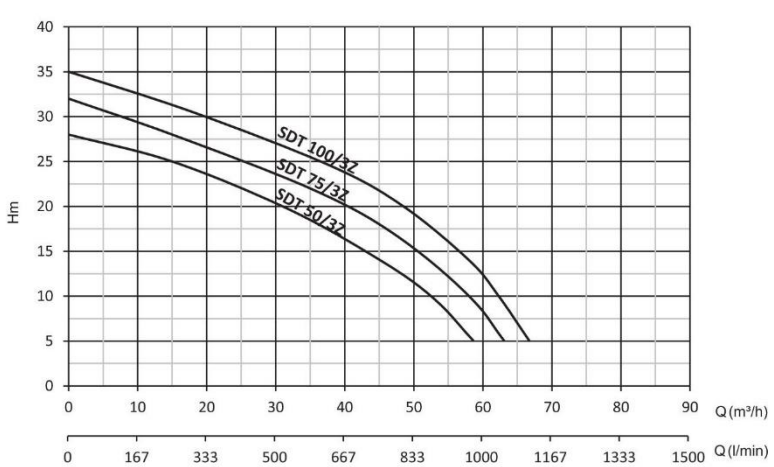
PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
IZOLATION	CI.F
CABLE LENGTH	10 m
MECHANICAL SEAL	SIC/SIC

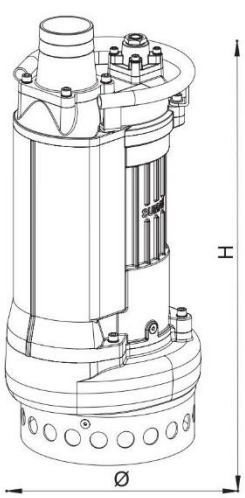
TYPE	Panel	Open Impeller	Close Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SDT50/3Z	✓	✓				✓	
SDT75/3Z	✓	✓				✓	
SDT100/3Z	✓	✓				✓	

PUMP TECHNICAL PROPERTIES

	MOTOR							PUMP									
	TYPE	KW	HP	V	Hz	A	rpm	OUTPUT	Q mm	H mm	KG	m³/h	15	30	40	50	60
*	SDT50/3Z	4	5.5	380	50	10	2900	3"	360	780	111.5	Hm	25	20	16	11	4
*	SDT75/3Z	5.5	7.5	380	50	12	2900	3"	360	780	121.5		27	23	20	15	8
*	SDT100/3Z	7.5	10	380	50	14	2900	3"	360	780	122		32	30	23	19	12

* Optionally it can be manufactured with 4 "record.





SEPTIC SUBMERSIBLE PUMPS

SDF15



DEFINITION

Monophasic electric, self-running portable, working septic waters, floatered submersible pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

This type pump, puddles up to a maximum height of 12 m, sewage waters containing very non-solid particles, industrial and domestic wastes, in the discharge of rainwater; and it is used in decorative small diameter waterfalls.

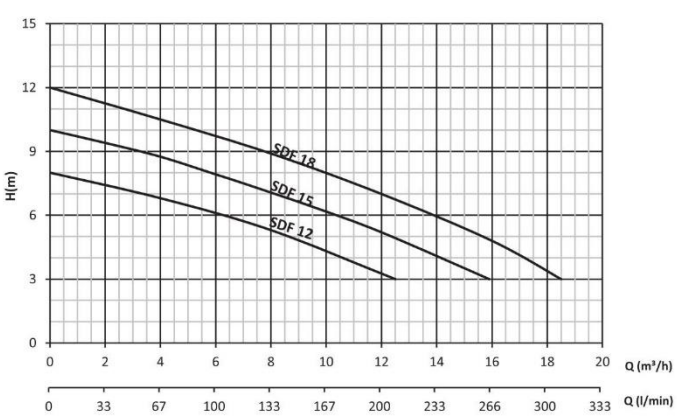
PUMP MATERIAL PROPERTIES

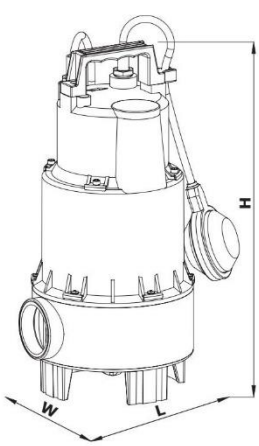
PUMP BODY	PPH
IMPELLER	AISI 304 INOX
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
IZOLATION	CI.F
CABLE LENGTH	10 m
MECHANICAL SEAL	SIC / SIC

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

PUMP TECHNICAL PROPERTIES

MOTOR									PUMP										
TYPE	KW	HP	V	Hz	A	rpm	CAPACITOR uf	CAPACITOR Vc	INPUT OUTPUT	W mm	L mm	H mm	KG	m³/h	3	6	9	11	16
SDF12	0.75	1	220	50	4.5	2900	25	450	2"	185	195	400	13.5	Hm	7	6	5	4	-
SDF15	1.1	1.5	220	50	5.2	2900	25	450	2"	185	195	400	13.5		9	8	7	6	3
SDF18	1.35	1.8	220	50	6	2900	25	450	2"	185	195	400	13.5		10	9	8	7	5





SEPTIC SUBMERSIBLE PUMPS

SDF15/2



DEFINITION

Monophasic electric, self-running portable, working septic waters, floatered complete stainless submersible pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

This type pump, puddles up to a maximum height of 12 m, sewage waters containing very non-solid particles, industrial and domestic wastes, the discharge of rainwater; and it is used in decorative small diameter waterfalls.

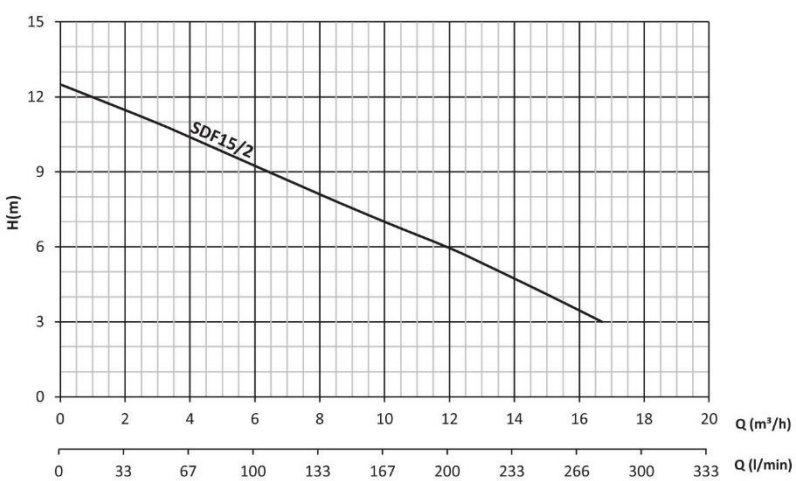
PUMP MATERIAL PROPERTIES

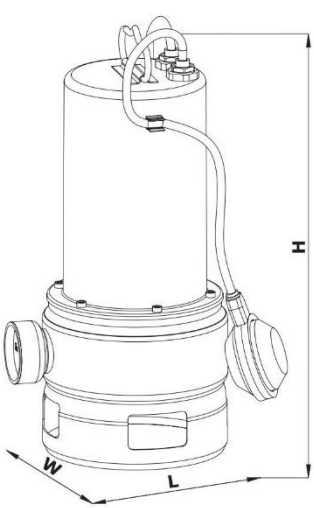
PUMP BODY	AISI 304 INOX
IMPELLER	AISI 304 INOX
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
IZOLATION	CI.F
CABLE LENGTH	10 m
MECHANICAL SEAL	SIC / SIC

TYPE	Panel	Open Impeller	Close Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SDF15/2	✓	✓			✓		

PUMP TECHNICAL PROPERTIES

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





SDF18/2



DEFINITION

Monophasic electric, self-running portable, working septic waters, floatered submersible pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These type pumps, puddles up to a maximum height of 15 m and in sewage waters containing not very solid particles not exceeding 20 mm and it is used in decorative small diameter waterfalls.

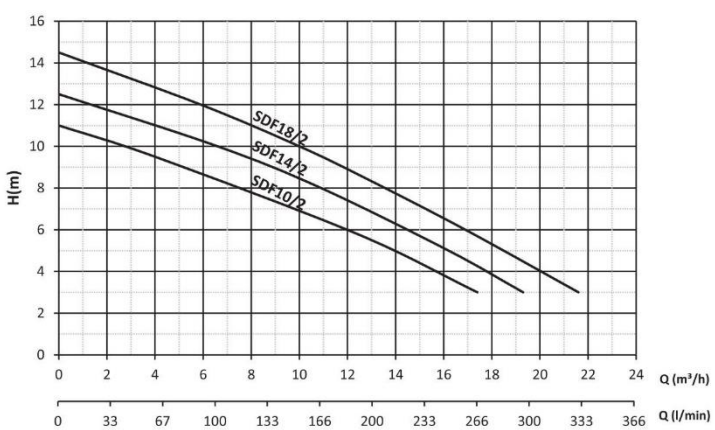
PUMP MATERIAL PROPERTIES

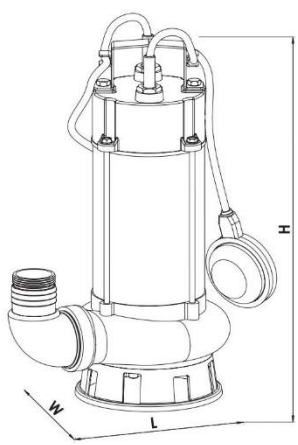
PUMP BODY	AISI 304 INOX
IMPELLER	GG25 CAST
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
IZOLATION	CI.F
CABLE LENGTH	10 m
MECHANICAL SEAL	SIC / SIC

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

PUMP TECHNICAL PROPERTIES

MOTOR									PUMP										
TYPE	KW	HP	V	Hz	A	rpm	CAPACITOR uf	CAPACITOR Vc	INPUT OUTPUT	W mm	L mm	H mm	KG	m³/h	2	6	10	16	22
SDF10/2	0.75	1	220	50	4.5	2900	25	450	2"	175	205	410	18	Hm	10.5	8	7	4	-
SDF14/2	1.1	1.5	220	50	5.5	2900	25	450	2"	175	205	410	19		11.5	10.5	9	5	-
SDF18/2	1.35	1.8	220	50	6	2900	30	450	2"	175	205	410	19.5		13.5	12	10	7	2





SEPTIC SUBMERSIBLE PUMPS

SDF20/2 - SDF20/3



DEFINITION

Casting body, monophasic electric, floatered septic submersible pumps. It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

This type pumps using at, drainage of puddles, rain and floodwaters in channels and pits up to a maximum height of 17 m and residential units and industrial facilities; sewage waters containing solid and fibrous particles not exceeding 30 mm

PUMP MATERIAL PROPERTIES

PUMP BODY	GG25 CAST
IMPELLER	GG25 CAST
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
IZOLATION	CI.F
CABLE LENGTH	10 m
MECHANICAL SEAL	SIC / SIC

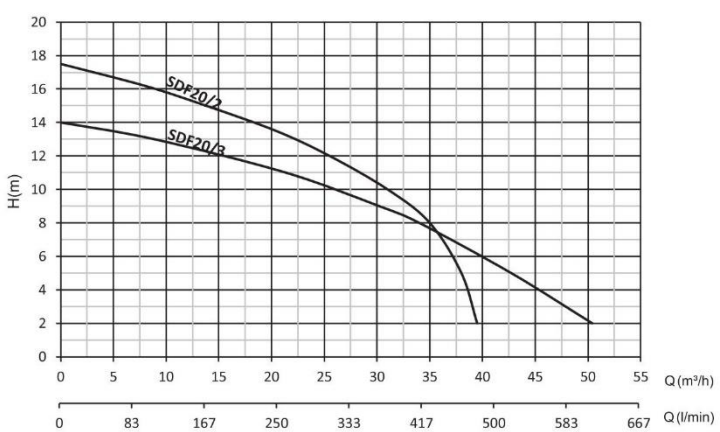
SDF20/2 - SDF20/3

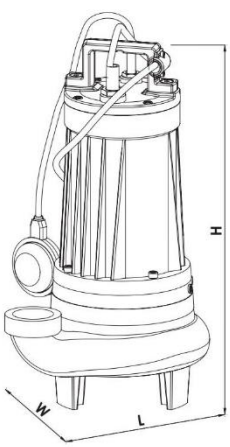


TYPE	Panel	Open Impeller	Close Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SDF20/2	✓		✓			✓	
SDF20/3	✓		✓			✓	

PUMP TECHNICAL PROPERTIES

MOTOR											PUMP										
TYPE	KW	HP	V MONO	V TRİ	Hz	A MONO	A TRİ	rpm	CAPACITOR uf	CAPACITOR Vc	INPUT OUTPUT	W mm	L mm	H mm	KG	m³/h	Hm	5	15	25	35	45
SDF20/2 SDT20/2	1.6	2.2	220	380	50	9.5	3.4	2900	50	450	2"	240	309	520	44.5			17	15	12	8	-
SDF20/3 SDT20/3	1.6	2.2	220	380	50	10	3.4	2900	50	450	3"	250	350	530	45.5			13.5	12	10	8	4





SEPTIC SUBMERSIBLE PUMPS

SDT30/2



SDT40/3



DEFINITION

Cast body, three-phase cesspool submersible pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

This type pumps using at, drainage of puddles, rain and floodwaters in channels and pits up to a maximum height of 21 m and in residential units and industrial facilities; sewage waters containing solid and fibrous particles not exceeding 30 mm.

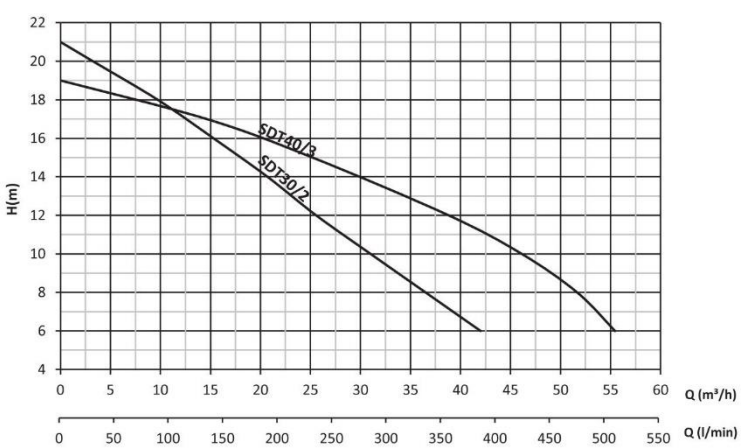
PUMP MATERIAL PROPERTIES

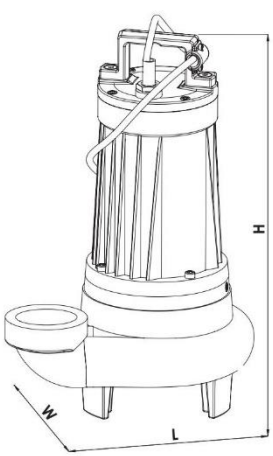
PUMP BODY	GG25 CAST
IMPELLER	GG25 CAST
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
IZOLATION	CI.F
CABLE LENGTH	10 m
MECHANICAL SEAL	SIC / SIC

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

PUMP TECHNICAL PROPERTIES

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





SEPTIC SUBMERSIBLE PUMPS

SDTK75/4



SDTK150/4



DEFINITION

Cast body, three-phase, cesspool submersible pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

This type pumps using at, drainage of puddles, rain and floodwaters in channels and pits up to a maximum height of 35 m, ornamental pools with high flow, residential units and industrial facilities; sewage waters containing solid and fibrous particles not exceeding 30 mm.

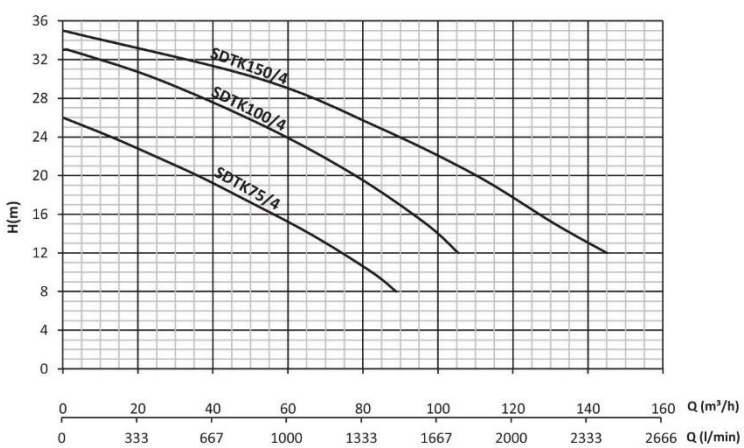
PUMP MATERIAL PROPERTIES

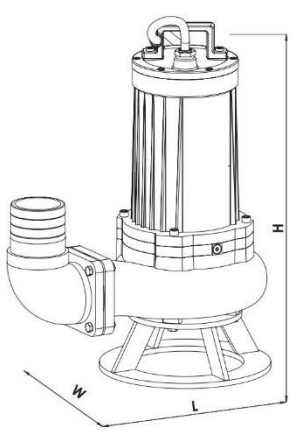
PUMP BODY	GG25 CAST
IMPELLER	GG25 CAST
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
IZOLATION	CI.F
CABLE LENGTH	10 m
MECHANICAL SEAL	SIC / SIC

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

PUMP TECHNICAL PROPERTIES

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





1450 RPM VORTEX IMPELLER SEPTIC SUBMERSIBLE PUMPS

SDTV75/4



DEFINITION

Casting body, three-phase, 1450 rpm vortex impeller, septic submersible pumps. It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

This type pumps using at, drainage of puddles, rain and floodwaters in channels and pits up to a maximum height of 14 m, ornamental pools with high flow, residential units and industrial facilities. Because SDTV series pumps are vortex impeller, they are used for the discharge of solid waste and in the discharge of cloth, sack piece, fibrous material up to 50 mm.

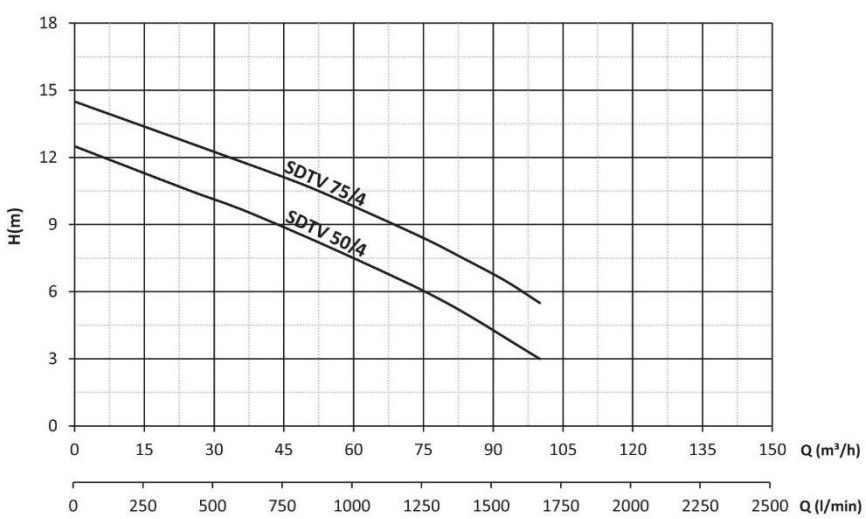
PUMP MATERIAL PROPERTIES

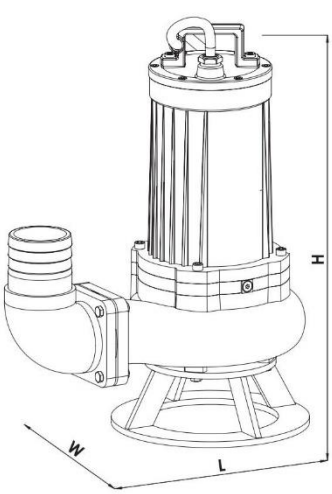
PUMP BODY	**GG25 CAST**
IMPELLER	**GG25 CAST**
SHAFT	**AISI 304 INOX**
LIQUID PUMPING TEMPERATURE	**0-30°C**
PROTECTION CLASS	**IP 68**
IZOLATION	**CI.F**
CABLE LENGTH	**10 m**
MECHANICAL SEAL	**SIC / SIC**

Type	Panel	Open Impeller	Close Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SDTV50/4	✔	✔				✔	
SDTV75/4	✔	✔				✔	

PUMP TECHNICAL PROPERTIES

MOTOR							PUMP										
TYPE	KW	HP	V	Hz	A	rpm	OUTPUT	W mm	L mm	H mm	KG	m³/h	15	30	60	80	100
SDTV50/4	4	5.5	380	50	9	1450	4"	320	525	660	91	Hm	11	10	7.5	5	3
SDTV75/4	5.5	7.5	380	50	12	1450	4"	320	525	660	96	Hm	13.5	12.5	10	7.5	5





1450 RPM SEPTIC SUBMERSIBLE PUMPS

SDTB50/4



DEFINITION

Casting body, three-phase, 1450 rpm septic submersible pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

This type pumps are suitable for working continuously and using at, drainage of puddles, rain and floodwaters in channels and pits, treatment plants up to a maximum height of 16 m, ornamental pools with high flow, residential units and industrial facilities; sewage waters containing solid and fibrous particles not exceeding 30 mm.

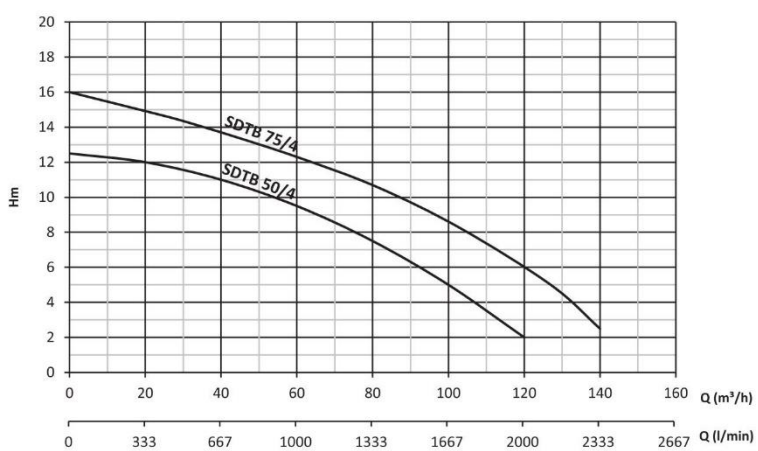
PUMP MATERIAL PROPERTIES

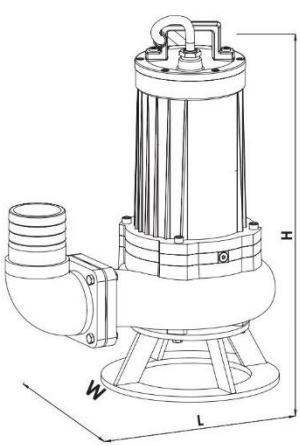
PUMP BODY	GG25 CAST
IMPELLER	GG25 CAST
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
IZOLATION	CI.F
CABLE LENGTH	10 m
MECHANICAL SEAL	SIC / SIC

Type	Panel	Open Impeller	Close Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SDTB50/4	✔		✔			✔	
SDTB75/4	✔		✔			✔	

PUMP TECHNICAL PROPERTIES

MOTOR							PUMP										
TYPE	KW	HP	V	Hz	A	rpm	OUTPUT	W mm	L mm	H mm	KG	m³/h	20	40	60	80	110	130
SDTB50/4	4	5.5	380	50	9	1450	4"	320	525	660	93	Hm	12	11	9.5	7.5	3.5	-
SDTB75/4	5.5	7.5	380	50	12	1450	4"	320	525	660	94		14.5	13	11.5	10	7	4





1450 RPM HEAVY DUTY SUBMERSIBLE PUMP

SDTK300/6



DEFINITION

Casting body, three-phase, 1450 rpm septic submersible pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

This type pumps is suitable for use in heavy septics because of 1450 rpm and it can be used at canals, pits, drainage of water and floodwaters up to a maximum height of 35 m, sewage waters containing solid and fibrous particles not exceeding 50 mm, treatment plants and industrial plants.

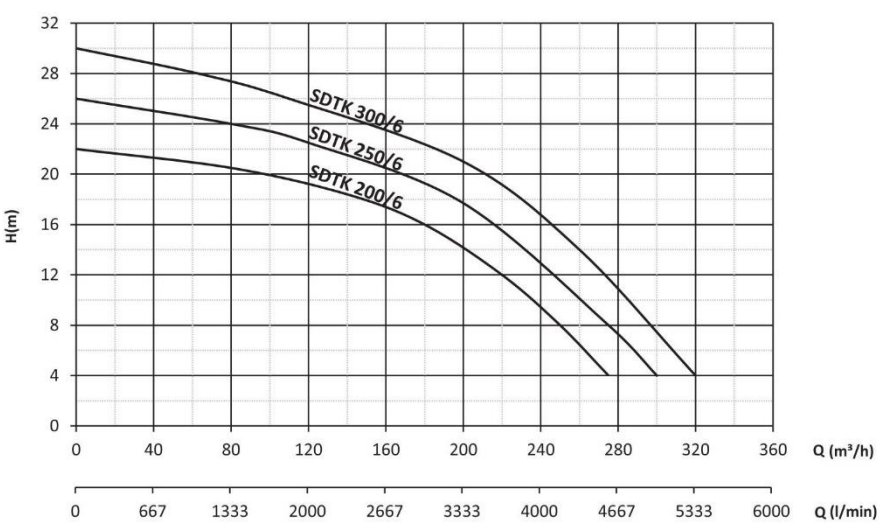
PUMP MATERIAL PROPERTIES

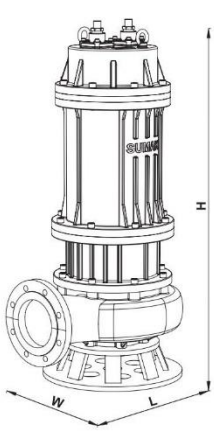
PUMP BODY	GG25 CAST
IMPELLER	GG25 CAST
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
IZOLATION	CI.F
CABLE LENGTH	10 m
MECHANICAL SEAL	SIC / SIC

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

PUMP TECHNICAL PROPERTIES

MOTOR							PUMP										
TYPE	KW	HP	V	Hz	A	rpm	OUTPUT	W mm	L mm	H mm	KG	m³/h	40	100	200	250	300
SDTK200/6	15	20	380	50	30	1450	6"	465	568	1137	310	Hm	21	20	14	9	-
SDTK250/6	18.5	25	380	50	32	1450	6"	465	568	1137	344		25	23	17	12	4
SDTK300/6	22	30	380	50	43	1450	6"	465	568	1137	365		29	27	21	16	8





1450 RPM SLURRY WATER SEPTIC SUBMERSIBLE PUMPS WITH AGITATOR

SDT75/3 C



DEFINITION

Casting body, three phase, agitator, internally cooled, 1450 rpm, control panel, thermistor protected slurry water submersible pumps.

USAGE AREAS

This type of pump is equipped with a system that allows the pump shaft to be evacuated by reducing the density of the liquid by means of a mixer, used in the water evacuation, intensive septics, tunnel works, beach areas, marble and mine, construction excavations at water concentrations up to 1.5 / kg m^3 - 2.5 / kg m^3.

PUMP MATERIAL PROPERTIES

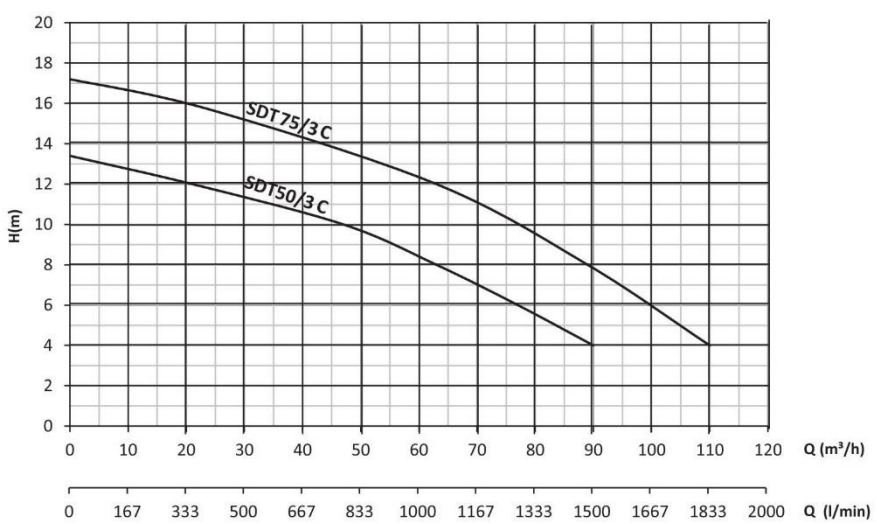
PUMP BODY	GG25 CASTING
IMPELLER	STAINLESS STEEL
MIXER	STAINLESS STEEL
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
IZOLATION	CI.F
CABLE LENGTH	10 m
MECHANICAL SEAL	SIC/SIC

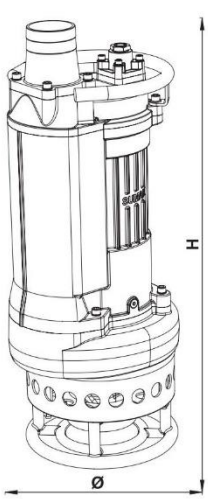
TYPE	Panel	Open Impeller	Close Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SDT50/3 C	✓	✓		✓	✓		
SDT75/3 C	✓	✓		✓	✓		

PUMP TECHNICAL PROPERTIES

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

* Optionally it can be produce with 4" output gland.





SEPTIC SUBMERSIBLE PUMPS WITH BLADE

SBRM15/2



DEFINITION

(SBRM15/2-SBRM18/2) CASTING body, Monophasic electric, blade, not require panel, easy to install, automatic, SEPTIC submersible pumps.
(SBRT20/2-SBRT30/2-SBRT40/2) CASTING body, three-phase electric, blade, septic submersible pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

This type of pump is able to discharge up to a maximum of 28 m in height by splitting the fibrous and not very solid particles in the water because of the blade in the structure and thanks to its stainless steel body, it can be easily used in industrial, hostels, construction sector and sewerage systems of settlement areas and treatment plants.

SBRT20/2



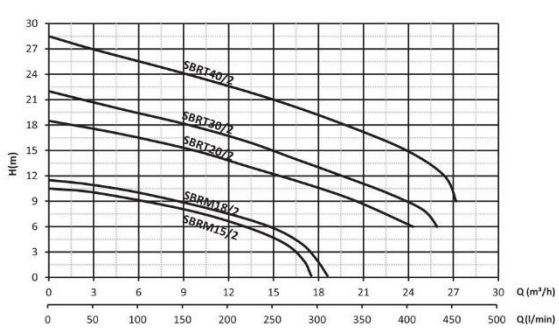
PUMP MATERIAL PROPERTIES

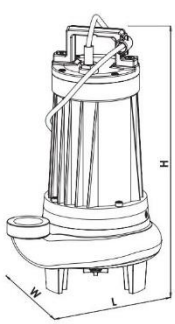
PUMP BODY	(AISI 304 INOX (SBRM) GG25 CASTING (SBRT)
IMPELLER	GG25 CASTING
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
IZOLATION	CI.F
CABLE LENGTH	10 m
BLADE	AISI-420 INOX
MECHANICAL SEAL	SIC / SIC

TYPE	Panel	Open Impeller	Close Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SBRM15/2	✔	✔		✔		✔	
SBRM18/2	✔	✔		✔		✔	
SBRT20/2	✔	✔		✔		✔	
SBRT30/2	✔	✔		✔		✔	
SBRT40/2	✔	✔		✔		✔	

PUMP TECHNICAL PROPERTIES

	MOTOR								PUMP										
TYPE	KW	HP	V	Hz	A	rpm	CAPACITOR uf	CAPACITOR Vc	OUTPUT	W mm	L mm	H mm	KG	m³/h		6	9	12	18	24
SBRM15/2	1.1	1.5	220	50	5.8	2900	30	450	2"	200	280	380	22.5	Hm		9	8	7	-	-
SBRM18/2	1.35	1.8	220	50	6 3	2900	30	450	2"	200	280	380	23			10	9	8	2	-
SBRT20/2	1.6	2.2	380	50	3.4	2900	-	-	2"	240	309	465	42.5			16	15	14	11	6
SBRT30/2	2.2	3	380	50	5	2900	-	-	2"	240	309	465	44.5			19	18	17	13	9
SBRT40/2	3	4	380	50	7.4	2900	-	-	2"	240	309	465	46.5			25	24	22	19	15





SEPTIC SUBMERSIBLE PUMPS WITH SHEARING BLADE

SBRM18/2-P



DEFINITION

(SBRM Series) Stainless steel, single phase electric, knife, panel-free, easy to install, automatic, septic submersible pumps.
(SBRT Series) Cast iron body, three-phase electric, knife, septic submersible pumps. It is manufactured at 50 Hz and 60 Hz frequencies.

USAGE AREAS

This type of pumps, which can be discharged by shivering particles fibrous and non-solid in the water smoothly thanks to the knife in their body, up to a maximum height of 46 m; Thanks to its stainless body, it is easily used in sewage systems and treatment plants of industry, hotels, construction sector and residential areas.

PUMP MATERIAL PROPERTIES

PUMP BODY	(AISI 304 INOX (SBRM/P) GG25 CASTING (SBRT/P)
IMPELLER	GG25 CASTING
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
IZOLATION	CI.F
CABLE LENGTH	10 m
BLADE	AISI-420 INOX
MECHANICAL SEAL	SIC/SIC

TYPE	Panel	Open Impeller	Close Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller (GG25)	Noryl Impeller
SBRM18/2-P	✓	✓		✓		✓	
SBRT20/2-P	✓	✓		✓		✓	
SBRT30/2-P	✓	✓		✓		✓	
SBRT40/2-P	✓	✓		✓		✓	
SBRT50/2-P	✓	✓		✓		✓	
SBRT75/2-P	✓	✓		✓		✓	
SBRT50/3-P	✓	✓		✓		✓	
SBRT75/3-P	✓	✓		✓		✓	

New Product

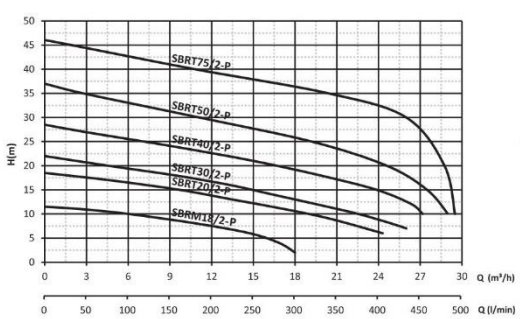
SBRT50/2-P

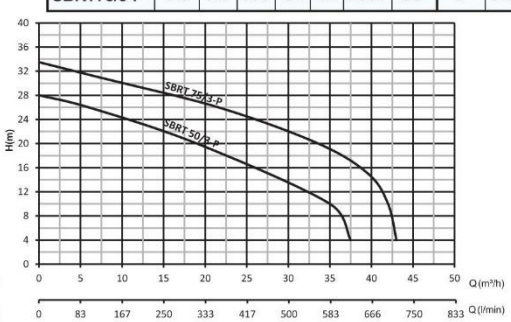


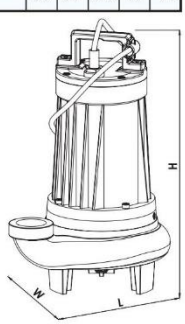
PUMP TECHNICAL PROPERTIES

MOTOR										PUMP										
TYPE	KW	HP	V	Hz	A	rpm	Hm	CAPACITOR uf	CAPACITOR Vc	OUTPUT	W mm	L mm	H mm	KG	m³/h	6	9	12	18	24
SBRM18/2-P	1.35	1.8	220	50	6.4	2900	11.5	30	450	2"	200	280	430	18.7	Hm	10	9	8	3	-
SBRT20/2-P	1.6	2.2	380	50	3.4	2900	19	-	-	2"	200	309	520	34		16	15	14	11	6
SBRT30/2-P	2.2	3	380	50	5	2900	22	-	-	2"	240	309	520	37		19	18	17	13	9
SBRT40/2-P	3	4	380	50	7.4	2900	28	-	-	2"	240	309	520	40		25	24	22	19	15
SBRT50/2-P	4	5.5	380	50	9.5	2900	37	-	-	2"	290	380	610	74		33	31	29	26	21
SBRT75/2-P	5.5	7.5	380	50	12	2900	4	-	-	2"	290	380	610	79		42	41	39	36	32

MOTOR								PUMP											
TYPE	KW	HP	V	Hz	A	rpm	Hm	OUTPUT	W mm	L mm	H mm	KG	m³/h	10	18	26	35	40
SBRT50/3-P	4	5.5	380	50	9.5	2900	28	3"	315	435	604	77	Hm	24	20	16	10	-
SBRT75/3-P	5.5	7.5	380	50	12	2900	33	3"	315	435	604	81		30	27	24	17	14







SEPTIC SUBMERSIBLE PUMPS WITH THERMOPLASTIC TANKS

SMAC-1800 A

New Product



DEFINITION

Thermoplastic tank septic submersible pump systems are a long-lasting, odorless, insulated and easy-to-install system developed for the storage of septic wastewater at lower elevations than the city network sewage line and transferring the stored water to the city sewage network with shredder blade submersible pumps.

USAGE AREAS

These systems are septic submersible pump system suitable for use in drainage water pits, gas stations, car wash services, underground garages, storing water in boats and marinas, boilers and machinery rooms, public institutions, schools, universities, campuses, hospitals, municipalities, public housing, factories, hotels, construction sites, holiday villages, personnel accommodation containers, market stores, subsequent wc, washbasins, showers and cafeterias, which allowing the transfer of septic and waste water to the city sewage network in the buildings which are lower than the main level.

SMAC-2200 B



SYSTEM MATERIAL PROPERTIES

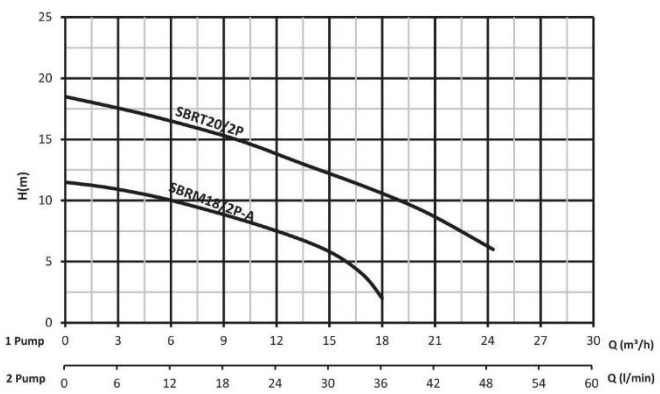
SYSTEM BODY	THERMOPLASTIC
PUMP BODY	GG25
PUMP IMPELLER	GG25
PUMP SHAFT	INOX 340
PUMP LIQUID PUMPING TEMPERATURE	0-30° C
PUMP PROTECTION CLASS	IP 68
PUMP IZOLATION	CI.F
PUMP MECHANICAL SEAL	SILICIUM

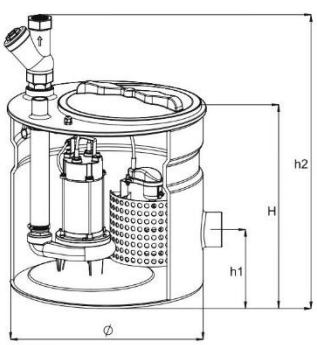
PUMP TECHNICAL PROPERTIES

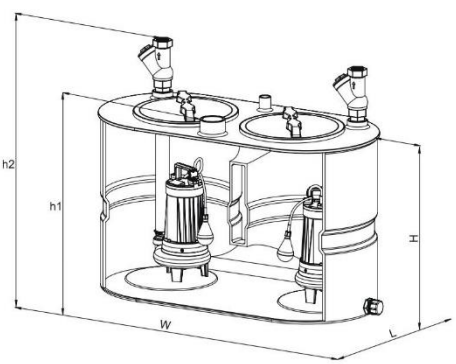
	TYPE	Volume Lt	Pump	V	mss	m³/h	Volume Measurements Ø	Volume Measurements H	Input h1	Outlet h2	Input Ø	Outlet Ø	KG
*	SMAC-1800 A	150	SBRM18/2P A	220	6	15	540	650	180	840	110	50	36
					9	9							
*	SMAC-2200 A	200	SBRT20/2 P	380	6	24	540	850	625	1038	110	50	59
					9	18							

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

* Thermoplastic tank septic submersible pumps can be produced in different types and sizes.







LIFT FLOAT SWITCH SUBMERSIBLE DRAINAGE PUMPS

SDF6A



SDF13A



SDF18/2Y-A





DEFINITION

Monophasic electric, easy to install, automatic, lift Float switch submersible pumps
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

This type pumps using at, narrow drainage pits (min 45*45 cm), lift pits waterfall, basement, ornamental pool, building, drain pit and pond in the water maximum height of 20 m, sewage waters containing particles not exceeding 6 mm.

PUMP MATERIAL PROPERTIES

PUMP BODY	**INOX (SDF6S-SDF18/2Y-A) PPH(SDF13A)**
IMPELLER	**NORLY (SDF6A-SDF13A) GG25 CASTING (SDF18/2Y-A)**
SHAFT	**AISI 304 INOX**
LIQUID PUMPING TEMPERATURE	**0-30°C**
PROTECTION CLASS	**IP 68**
IZOLATION	**CI.F**
CABLE LENGTH	**10 m**
MECHANICAL SEAL	**SIC/SIC**

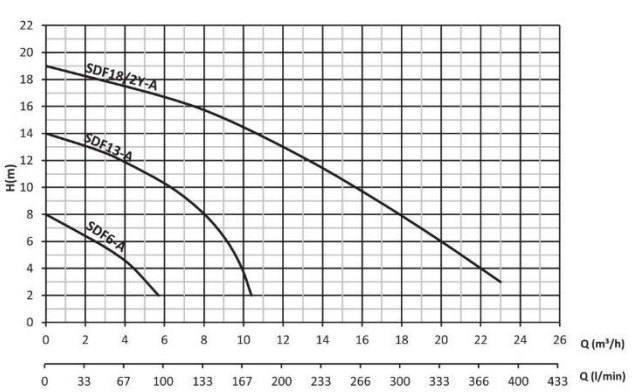
TYPE	Panel	Open Impeller	Close Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller	Thermic Producetiion
SDF6A		✔					✔	
SDF13A		✔					✔	✔
SDF18/2Y-A	✔	✔				✔		

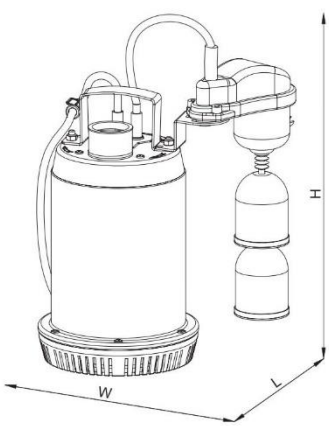
PUMP TECHNICAL PROPERTIES

	MOTOR								PUMP										
TYPE	KW	HP	V	Hz	A	rpm	CAPACITOR uf	Vc	OUTPUT	W mm	L mm	H mm	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	6.5	Hm	7	6	5	4	3

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

TYPE	KW	HP	V	Hz	A	rpm	CAPACITOR uf	Vc	OUTPUT	W mm	L mm	H mm	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	21.7	Hm	18	16	13	10	6





LIFT FLOAT SWITCH SEPTIC SUBMERSIBLE PUMPS

SDF14/2-A



DEFINITION

Monophasic electric, easy to install, automatic, lift FLOAT SWITCH submersible pumps
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

(SDF14/2-A – SDF18/2-A) This type pumps using at, lift FLOAT SWITCH narrow drainage pits and SEPTIC pits (min 45*45 cm), lift pits pond in the water maximum height of 20 m, sewage waters containing particles not exceeding 20 mm.
This type pumps are, lift FLOAT SWITCH narrow drainage pits and SEPTIC pits (min 45*45 cm); drainage waters containing solid and fibrous particles up to a maximum height of 11 m because of blades in structure and thanks to its stainless steel body, it can be easily used in industrial, hostels, construction sector and sewerage systems of settlement areas and treatment plants.

SBRM18/2P-A



PUMP MATERIAL PROPERTIES

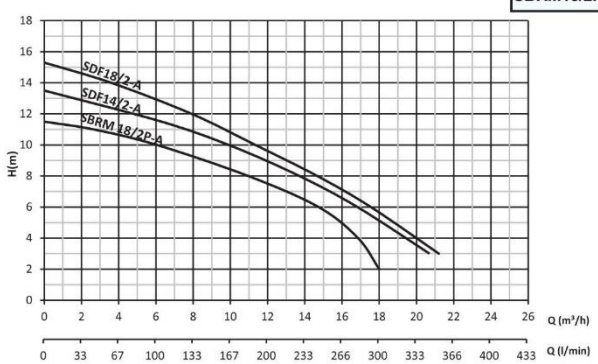
PUMP BODY	AISI 304 INOX
IMPELLER	GG25 CASTING
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
IZOLATION	CI.F
CABLE LENGTH	10 m
BLADE	AISI 420 INOX (SBRM18/2P-A)
MECHANICAL SEAL	SIC / SIC

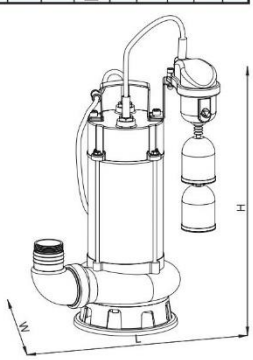
TYPE	Panel	Open Impeller	Close Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SDF14/2-A	✔	✔				✔	
SDF18/2-A	✔	✔				✔	
SBRM18/2P-A	✔	✔		✔		✔	

PUMP TECHNICAL PROPERTIES

MOTOR									PUMP										
TYPE	KW	HP	V	Hz	A	rpm	CAPACITOR uf	CAPACITOR Vc	OUTPUT	W mm	L mm	H mm	KG	m³/h	2	6	10	16	22
SDF14/2-A	1.1	1.5	220	50	5.5	2900	25	450	2"	175	340	450	19	Hm	11.5	10.5	9	5	-
SDF18/2-A	1.35	1.8	220	50	6	2900	30	450	2"	175	320	460	20	Hm	13.5	12	10	7	2

TYPE	KW	HP	V	Hz	A	rpm	Hm	CAPACITOR uf	CAPACITOR Vc	OUTPUT	W mm	L mm	H mm	KG	m³/h	6	9	12	18	24
SBRM18/2P-A	1.35	1.8	220	50	6.4	2900	11.5	30	450	2"	215	330	460	23.5	Hm	10	9	8	3	-





SDF5/2



DEFINITION

Monophasic electric, automatic, floatered, portable and clear water submersible pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

This type pumps using at, evacuations of little waterfall ornaments and rainwaters, supply of clean water up to a maximum height of 32 m.

PUMP MATERIAL PROPERTIES

PUMP BODY	PPH (SDF5) INOX (SDF15/1)
IMPELLER	NORLY
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
IZOLATION	CI.F
CABLE LENGTH	SDF5/2: 20 m. SDF15/1: 10 m.
MECHANICAL SEAL	SIC/SIC

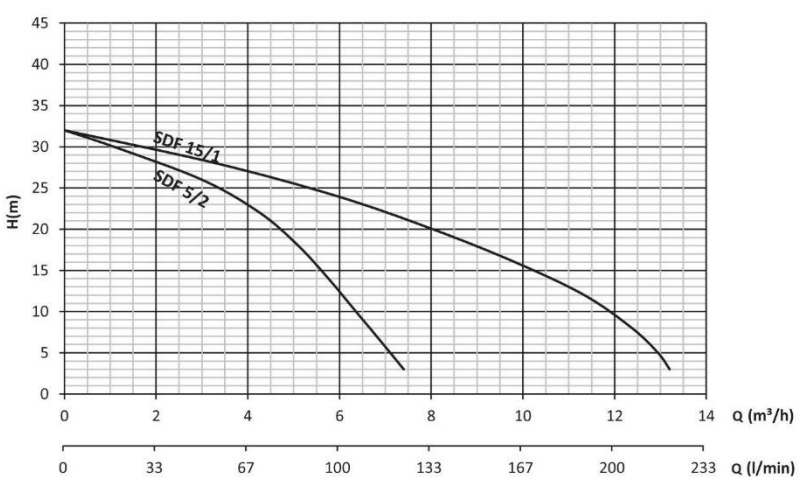
SDF15/1

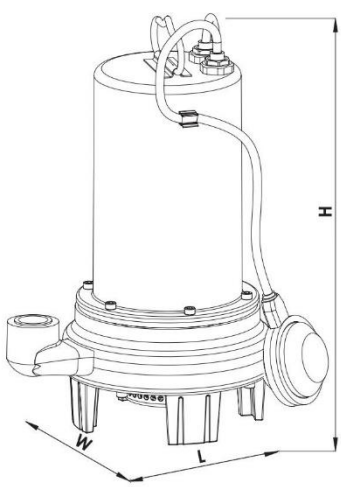


TYPE	Panel	Open Impeller	Close Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller	Thermic Producetiion
SDF5/2			✔				✔	✔
SDF15/1	✔		✔				✔	

PUMP TECHNICAL PROPERTIES

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





SDF12/3



DEFINITION

Stainless-body, 2' output, high altitude Monophasic, not require electric panel, automatic, floatered, portable clear water submersible pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

This type pumps using at, evacuations of clean water, little waterfall ornaments and ornament pools, domestic water needs, supply of caisson well, clean water up to a maximum height of 33 m. It is suitable for watering gardens and vineyards.

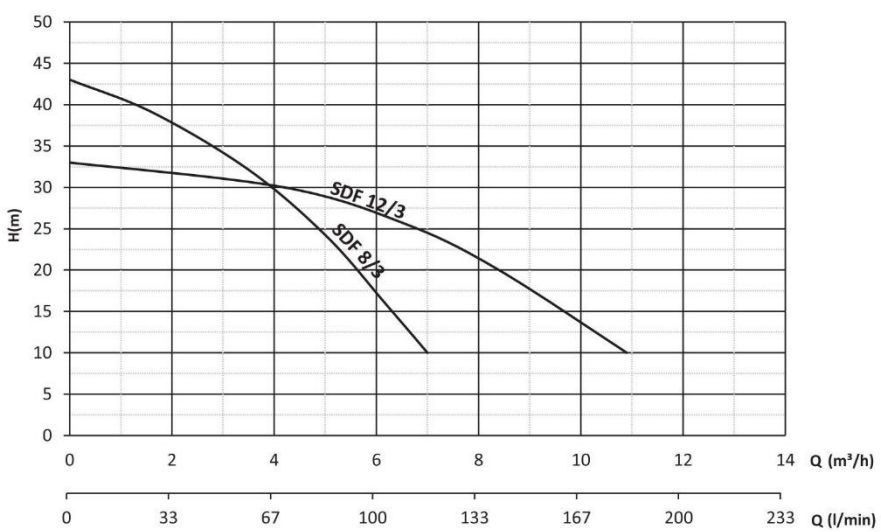
PUMP MATERIAL PROPERTIES

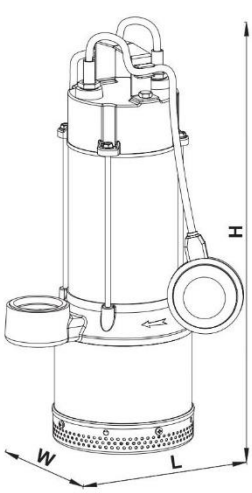
PUMP BODY	AISI 304 INOX
IMPELLER	NORLY
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
IZOLATION	CI.F
CABLE LENGTH	20 m
MECHANICAL SEAL	SERAMİK/KARBON

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

PUMP TECHNICAL PROPERTIES

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





SDF25/2



DEFINITION

Monophasic electric, easy to install, suitable for practical use clear water submersible pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

This type pumps using at, evacuations of clean water, Industrial and domestic wastes-non-particles, drainage and rain water, ornament pools with high flow, supply of clean water up to a maximum height of 29 m and industrial and domestic wastes-non-particles, drainage and rain water.

PUMP MATERIAL PROPERTIES

PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
IZOLATION	CI.F
CABLE LENGTH	20 m
MECHANICAL SEAL	SIC/SIC

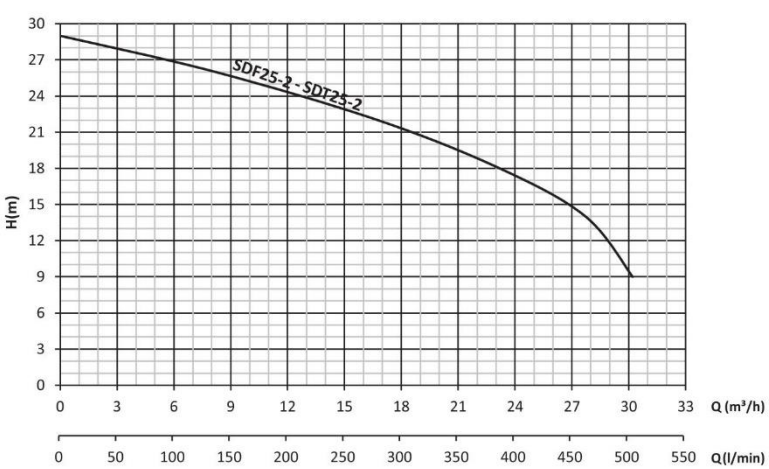
TYPE	Panel	Open Impeller	Close Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
SDF25/2	✔		✔			✔	
SDT25/2	✔		✔			✔	

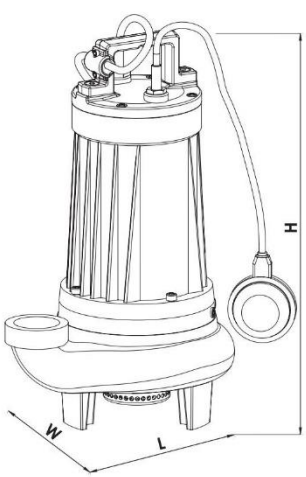
SDT25/2



PUMP TECHNICAL PROPERTIES

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





4" STAINLESS SUBMERSIBLE PUMPS

Bronz Impeller Bronze Pump Body

4SDM100



DEFINITION

4 "used in drilling and caisson wells, not require electric panel suitable for practical use, monophasic submersible pumps
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

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

PUMP MATERIAL PROPERTIES

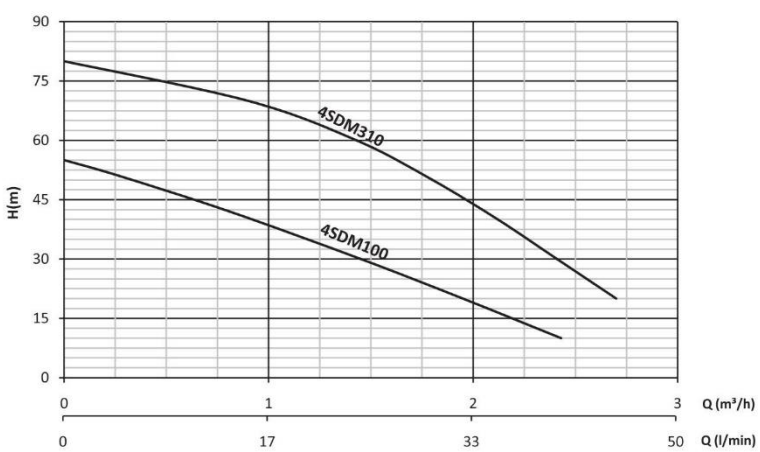
PUMP BODY	AISI 304 INOX
IMPELLER	BRONZ (4SDM100) - POLYCARBONATE (4SDM310)
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
IZOLATION	CI.F
CABLE LENGTH	30 m
MECHANICAL SEAL	SILICON / SILICON

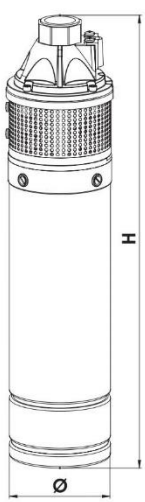
4SDM310



PUMP TECHNICAL PROPERTIES

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





5" SUBMERSIBLE PUMPS WITH STAGE

5SDF7



DEFINITION

5" and multi-stage in supplying clean water to the wells, stainless body, not require 1/¼ electric panel, floatered, suitable for practical use submersible pumps. It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

This type pumps using at, in the supply of pressurized clean water from drilling and caisson wells up to a maximum height of 56 m, and can be used for water boosters in fountain pond systems, in amateur fountain lawn irrigation systems, villas and summer houses .

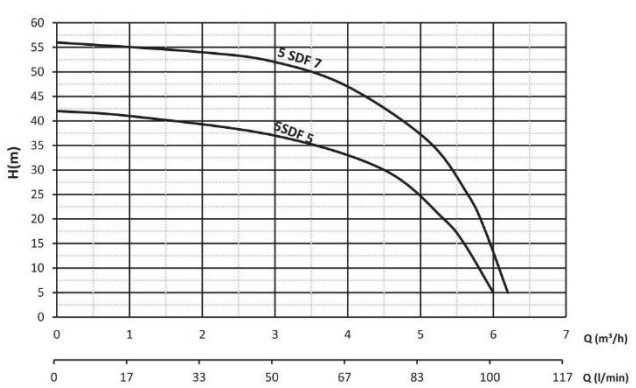
PUMP MATERIAL PROPERTIES

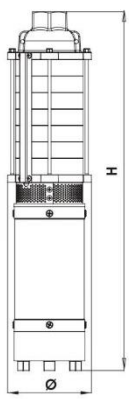
PUMP BODY	AISI 304 INOX
IMPELLER	NORLY
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
IZOLATION	Cl.F
CABLE LENGTH	30 m
MECHANICAL SEAL	SIC / CARBONATE

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

PUMP TECHNICAL PROPERTIES

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





5" STAINLESS SUBMERSIBLE PUMPS

Self Check Valve Shaft Bushing

5SDF9



DEFINITION

5" and multi-stage using in caisson wells, not require electric panel, floatered, suitable for practical use submersible pumps
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

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

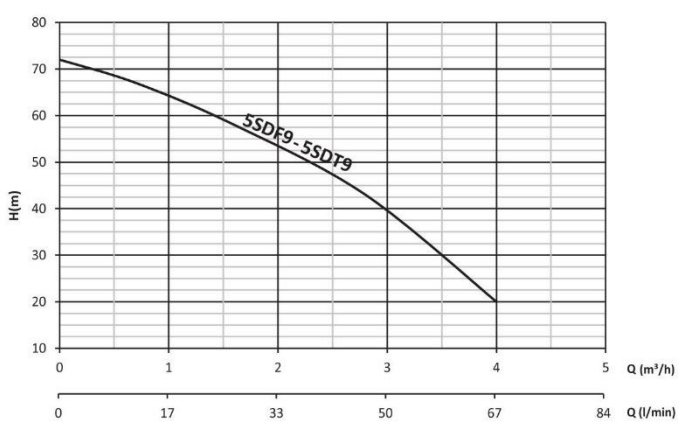
PUMP MATERIAL PROPERTIES

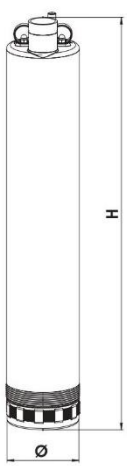
PUMP BODY	AISI 304 INOX
IMPELLER	NORLY
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
IZOLATION	CI.F
CABLE LENGTH	30 m
MECHANICAL SEAL	SIC / CARBONATE

Type	Panel	Open Impeller	Close Impeller	Blade	Stainless (AISI 304 INOX)	Cast Iron Impeller(GG25)	Noryl Impeller
5SDF9	✔		✔				✔
5SDT9	✔		✔				✔

PUMP TECHNICAL PROPERTIES

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





SOLAR ENERGY 4 " SUBMERSIBLE PUMPS

4SDM100 SLR

New Product









DEFINITION

These systems are designed to meet 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

It is designed to meet the need for clean water use in village houses located at a distance from the power line or in places without electrical energy, water supply for rural houses, farms, fattening farms, highland houses, drinking water need, agricultural irrigation, crop irrigation, field, garden, well, etc. The system continues to meet the need for water thanks to gel batteries, which are stored in energy when there is no sun.

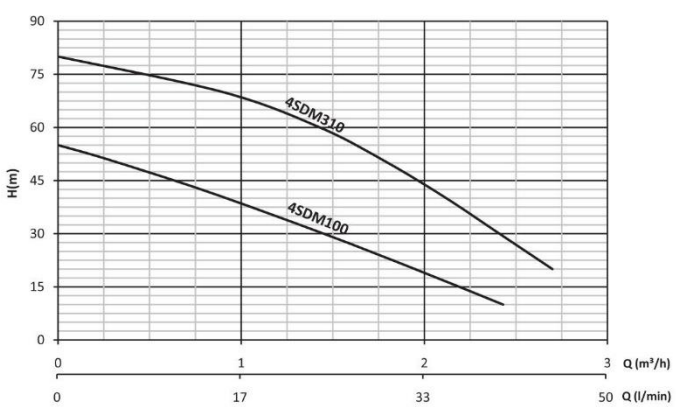
PUMP MATERIAL PROPERTIES

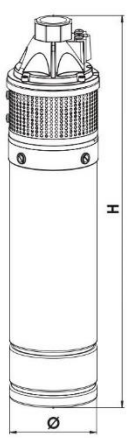
PUMP BODY	AISI 304 INOX
IMPELLER	BRONZ (4SDM100 - POLYCARBONATE (4SDM310)
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0 - 30 °C
PROTECTION CLASS	IP 68
ISOLATION	CI.F
CABLE LENGTH	30 m
MECHANICAL SEAL	SILICON / CARBON

PUMP TECHNICAL PROPERTIES

TYPE	Panel	Battery	Invertor	Pump KW	H max	Q max	Output	KG
4SDM100 SLR	Polycrystal 260 Watt 1660x990 mm 4x18.5 Kg	12 V 20 A Gel Battery 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	Output	KG
4SDM310 SLR	Polycrystal 260 Watt 1660x990 mm 4x18.5 Kg	12 V 20 A Gel Battery 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

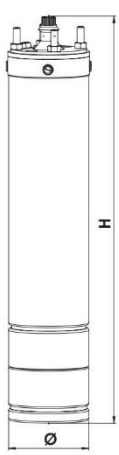
These motors are oil-cooled and can be rewound. When coupled to the submersible pump, stream, well, drilling well and clean water supply; it is also used for supplying pressurized water in fountain pond systems.

PUMP MATERIAL PROPERTIES

PUMP BODY	**AISI 304 INOX**
SHAFT	**AISI 304 INOX**
LIQUID PUMPING TEMPERATURE	**0-30°C**
PROTECTION CLASS	**IP 68**
IZOLATION	**CI.F**
MECHANICAL SEAL	**SILICON/CARBONATE**

PUMP TECHNICAL PROPERTIES

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

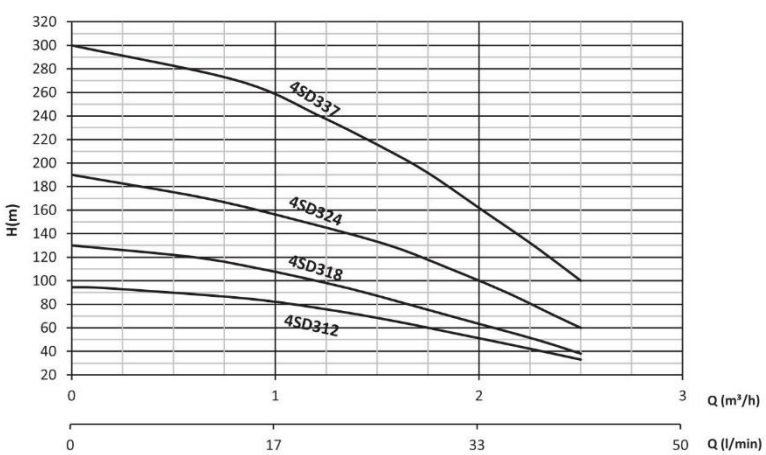
This type pump using at, clean water supply from deep well and drilling well; it is also used for supplying pressurized water in fountain pond systems, car washing and gasoline stations

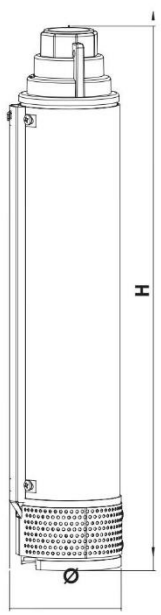
PUMP MATERIAL PROPERTIES

PUMP BODY	AISI 304 INOX
IMPELLER	POLYCARBONATE
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-30°C

PUMP TECHNICAL PROPERTIES

MOTOR			PUMP										
TYPE	KW	HP	STAGE NUMBER	OUTPUT	Ø mm	H mm	KG	m³/h	0.5	1	1.5	2	2.5
4SD312	0.75	1	12	1 1/4	95	450	5	Hm	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



DEFINITION

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

USAGE AREAS

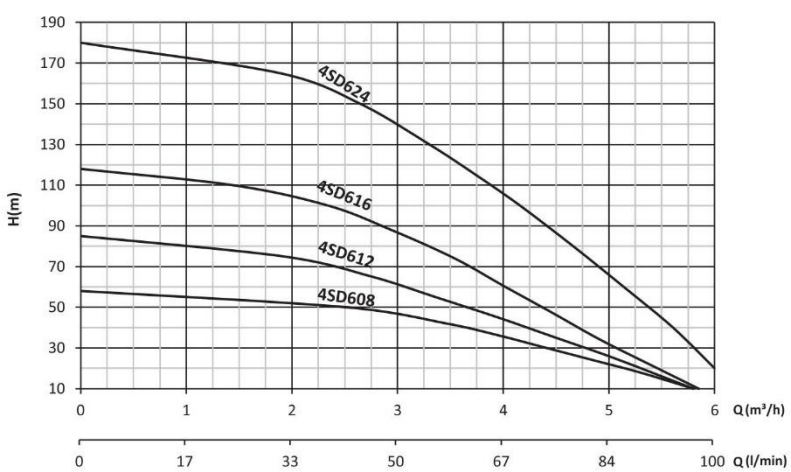
This type pump using at, clean water supply from deep well and drilling well; it is also used for supplying pressurized water in fountain pond systems, car washing and gasoline stations

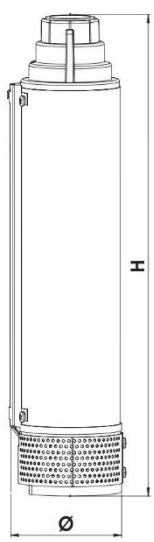
PUMP MATERIAL PROPERTIES

PUMP BODY	AISI 304 INOX
IMPELLER	POLYCARBONATE
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-30°C

PUMP TECHNICAL PROPERTIES

MOTOR			PUMP										
TYPE	KW	HP	STAGE NUMBER	OUTPUT	Ø mm	H mm	KG	m³/h	1	2	3	4	5
4SD608	0.75	1	8	1¼	95	407	4.5	Hm	55	51	47	33	15
4SD612	1.1	1.5	12	1¼	95	522	5		80	75	60	45	18
4SD616	1.5	2	16	1¼	95	637	6.5		115	105	85	60	31
4SD624	2	3	24	1¼	95	897	8.5		172	165	140	105	65





4SD1206



DEFINITION

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

USAGE AREAS

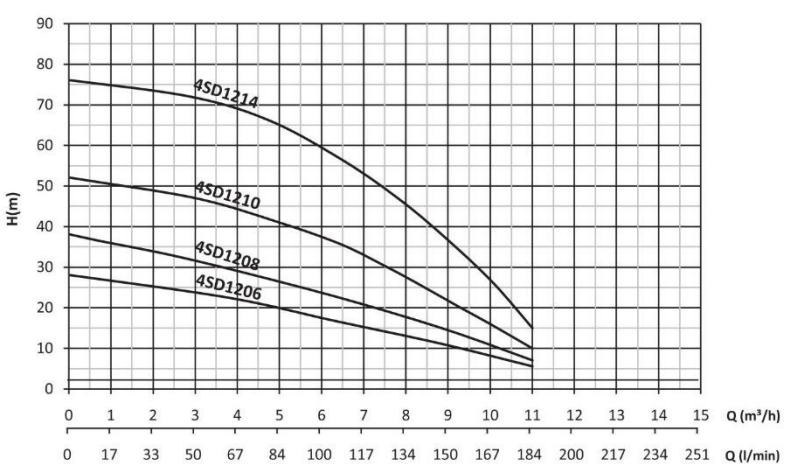
This type pump using at, clean water supply from deep well and drilling well; it is also used for supplying pressurized water in fountain pond systems, car washing and gasoline stations

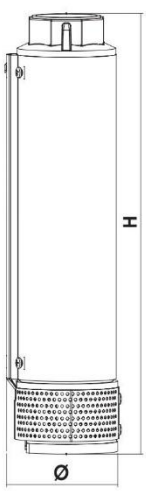
PUMP MATERIAL PROPERTIES

PUMP BODY	**AISI 304 INOX**
IMPELLER	**POLYCARBONATE**
SHAFT	**AISI 304 INOX**
LIQUID PUMPING TEMPERATURE	**0-30°C**

PUMP TECHNICAL PROPERTIES

MOTOR			PUMP													
TYPE	KW	HP	STAGE NUMBER	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	Hm	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





4" SUBMERSIBLE PUMPS

4SD1805



DEFINITION

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

USAGE AREAS

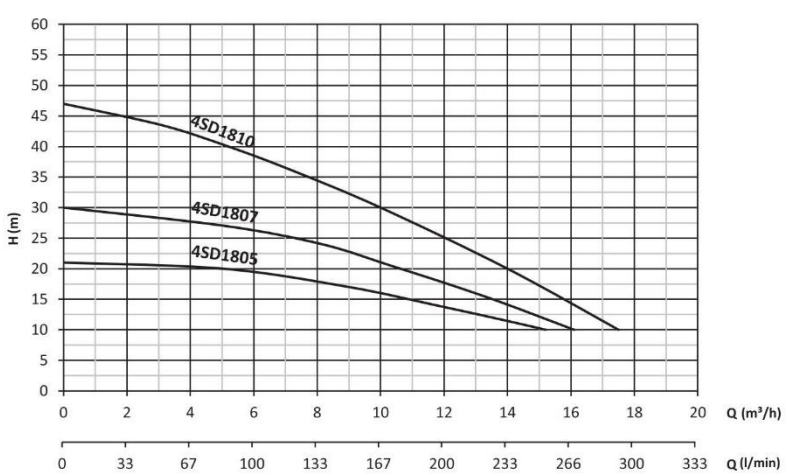
This type pump using at, clean water supply from deep well and drilling well; it is also used for supplying pressurized water in fountain pond systems, car washing and gasoline stations

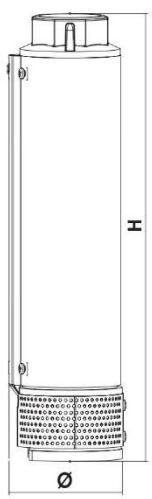
PUMP MATERIAL PROPERTIES

PUMP BODY	AISI 304 INOX
IMPELLER	POLYCARBONATE
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-30°C

PUMP TECHNICAL PROPERTIES

MOTOR			PUMP													
TYPE	KW	HP	STAGE NUMBER	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	Hm	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



DEFINITION

They are submersible pumps, which provide electromagnetic vibration, practical and economical usage.

USAGE AREAS

This type pumps using at clean water needs drilling, stream, amateur garden watering, wells up to a maximum height of 60 m because of economic, it is preferred because practical and no need to maintenance

PUMP MATERIAL PROPERTIES

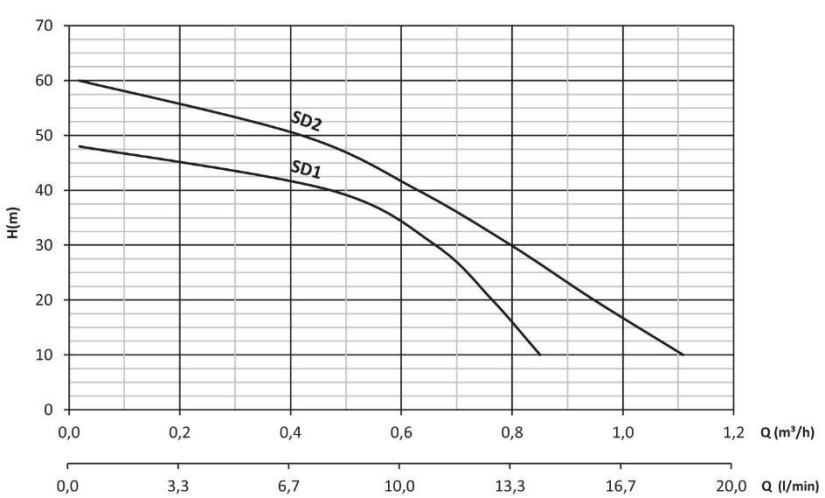
PUMP BODY	ALUMINIUM
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
IZOLATION	CI.F
CABLE LENGTH	10 m - 20 m - 30 m - 40 m

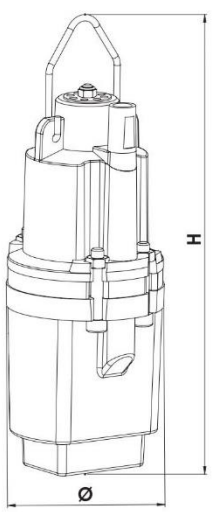
SD2



PUMP TECHNICAL PROPERTIES

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

They are submersible pumps, which provide electromagnetic vibration, practical and economical usage.
It is manufactured at frequency of 50 Hz

USAGE AREAS

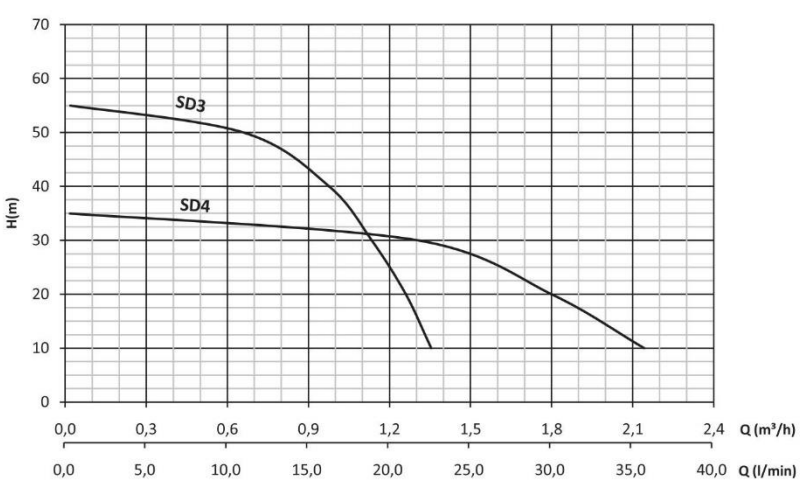
This type pumps using at clean water needs drilling, stream, garden watering, wells up to a maximum height of 55 m because of economic, it is preferred because practical and no need to maintenance

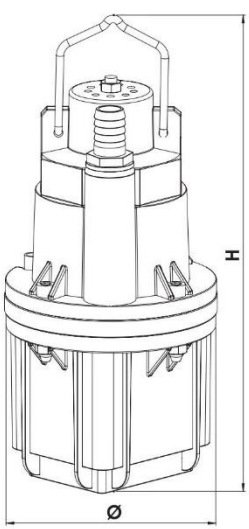
PUMP MATERIAL PROPERTIES

PUMP BODY	ALUMINIUM
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-30°C
PROTECTION CLASS	IP 68
IZOLATION	CI.F
CABLE LENGTH	10 m - 20 m - 30 m - 40 m

PUMP TECHNICAL PROPERTIES

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

These are bilge submersible pumps, which are suitable for seawater, dehydrated water and clean water, and can be easily maintained because of 12 V DC electrically operated claws.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

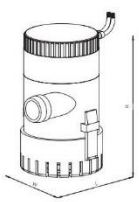
Especially in the maritime industry, on the boats, in the yachts and on the engine boats in the fishing boat, it is suitable for use in the drainage of water up to max. 6 m in height. Besides, thanks to 12 V battery electricity and energy intake from the car lighter, it is suitable for use in the drainage of water at camps, picnics, and when there is no electricity in the building, basement and closed car parks.





CHISEL SUBMERSIBLE PUMPS MANUAL

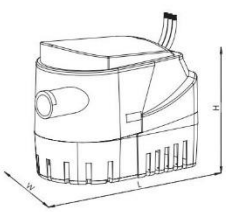
TYPE	POWER W	VOLTAGE	A	REV/MIN	CABLE	H max mss	Q max litre/h	OUTPUT mm	H mm	Çap mm	KG
SKLD12 G	18	12 V DC	1.5	12.000	3 m	3	720	16	208	52	0.50





BILGE SUBMERSIBLE PUMPS MANUAL

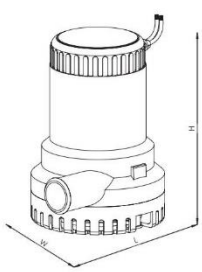
TYPE	POWER W	VOLTAGE	A	CABLO	H max mss	Q max litre/h	OUTPUT mm	W mm	L mm	H mm	KG
STN500 G	25	12 V DC	2.2	1 m	3	1500	19	72	83	108	0.50
STN1100 G	36	12 V DC	3	1 m	4	2500	29	72	83	108	0.50





BILGE SUBMERSIBLE PUMPS WITH AUTOMATIC FLOATERED

TYPE	POWER W	VOLTAGE	A	CABLO	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





BİLGE SUBMERSIBLE PUMPS MANUAL

TYPE	POWER W	GERİLİM	A	CABLO	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

DISCHARGE PUMP WITH WC CRUSHER BLADE

SMAC 600



DEFINITION

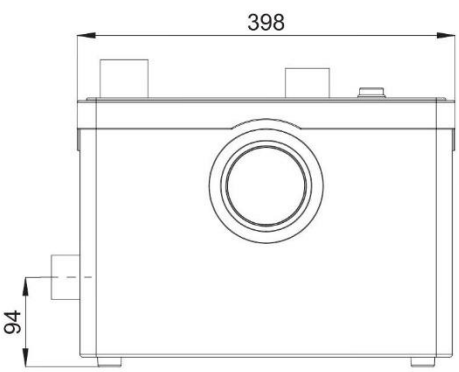
Work with 220V electric, BLADE and crusher, non-smell, easy to install, are very low noise pumps that enhance the comfort of life.

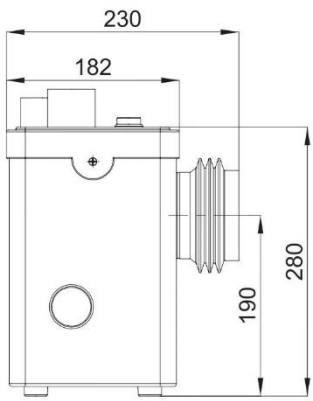
USAGE AREAS

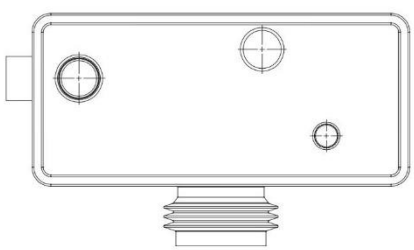
This type of pump is able to discharge up to a maximum of 9 m in height by splitting the fibrous and not very solid particles in the water because of the blade and crusher in the structure, and by connecting city sewer and general installation waste to elevation houses kitchen, toilet and bathrooms lower than SEPTIC well.

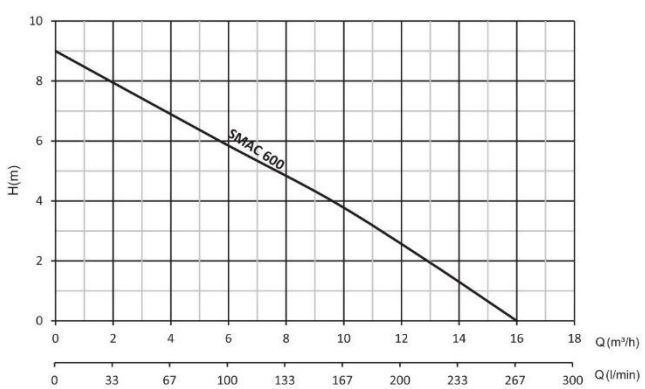
PUMP MATERIAL PROPERTIES

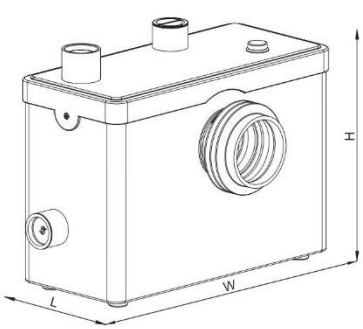
TYPE	POWER	VOLTAGE	A	CABLE	H max mss	Q max m³/h	OUTPUT mm	W mm	L mm	H mm	KG
SMAC 600	600	220 V	2.8	1 m	9	16	1"	425	230	325	9











SUMAK®

CENTRIFUGAL PUMPS





SM5

Bronze Impeller
Bronze Housing
Hot Water



SM10

Bronze Impeller
Bronze Housing
Hot Water



SM15

Bronze Impeller
Bronze Housing
Hot Water



DEFINITION

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

USAGE AREAS

This type are pumps with a minimum discharge pressure of 40 m and a maximum discharge pressure of up to 103 m high. Due to the bronze of the pump wheel and friction surfaces, are used in places requiring high temperature (ironing machines, steam boilers) pressure, in small diameter gardens, in villas and cottages, in supplying clean water to distant places.

PUMP MATERIAL PROPERTIES

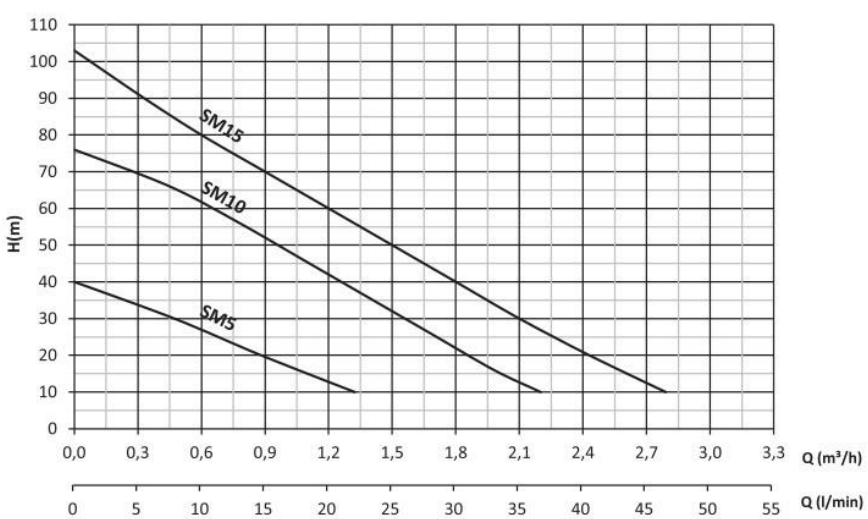
PUMP BODY	GG25 CASTING
IMPELLER	BRONZE
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
IZOLATION	CI.F
CABLE LENGTH	30 m
MECHANICAL SEAL	CERAMIC / CARBON

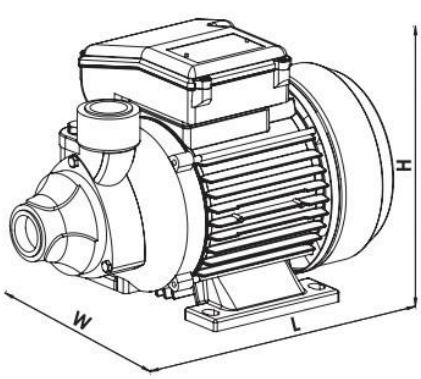
THERMAL PROTECTION IS AVAILABLE IN MONOPHASE MODELS AGAINST OVERLOADS.

PUMP TECHNICAL PROPERTIES

	MOTOR										PUMP												
	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	INPUT OUTPUT	W mm	L mm	H mm	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"	145	270	160	6	Hm	33	28	20	13	-
*	SM10 SMT10	0.75	1	220	380	50	5.4	2.4	2900	20	450	6	1"	170	290	195	10		65	62	53	43	-
*	SM15 SMT15	1.1	1.5	220	380	50	6	2.5	2900	25	450	6	1"	170	295	195	13		92	80	70	60	22

* Optionally it can be produced as until 90° C for use in hot water applications





SMJ85 - SMJK100



DEFINITION

Work in silence, self-priming jet pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

This type are pumps are irrigation in gardens of small diameter up to a maximum of 52 m height, suctioning from a depth of 7-9 m; because of technological design, silence and no need to maintenance, it is used in the supply of clean water for water booster not exceed 4 times in buildings, villa and summer.

SMJ100



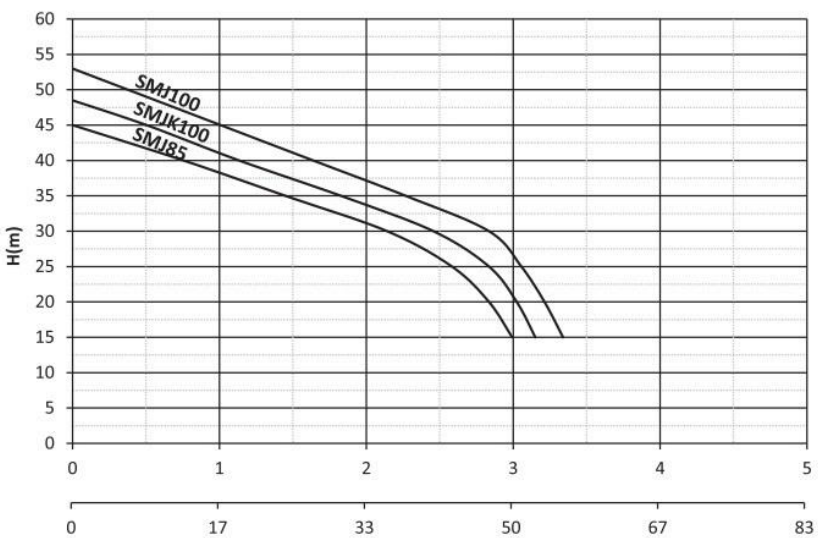
PUMP MATERIAL PROPERTIES

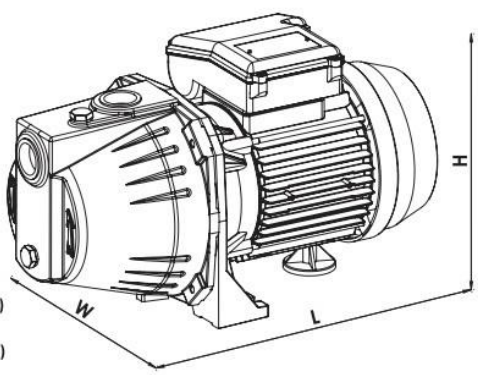
PUMP BODY	GG25 CASTING
IMPELLER	NORLY
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
IZOLATION	CI.F
CABLE LENGTH	30 m
MECHANICAL SEAL	CERAMIC / CARBON

THERMAL PROTECTION IS AVAILABLE IN MONOPHASE MODELS AGAINST OVERLOADS.

PUMP TECHNICAL PROPERTIES

MOTOR											PUMP											
TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	INPUT OUTPUT	W mm	L mm	H mm	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"	180	380	211	12.5	Hm	42	36	31	15
SMJK100 SMJKT100	0.75	1	220	380	50	4.7	2.2	2900	20	450	7	1"	180	380	211	12.5		45	41	34	22
SMJ100 SMJT100	0.75	1	220	380	50	5.2	2.2	2900	20	450	9	1"	180	420	211	15		48	45	37	27





SELF-PRIMING JET PUMPS

SMJ150



DEFINITION

Work in silence, self-priming jet pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

Pressurized water up to a maximum height of 74 m, sucked from a depth of 9 m, it is used to supply clean water for booster in buildings up to 10 floors and 20 apartments.

PUMP MATERIAL PROPERTIES

PUMP BODY	GG25 CASTING
IMPELLER	NORLY
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
IZOLATION	CI.F
MECHANICAL SEAL	CERAMIC / CARBON

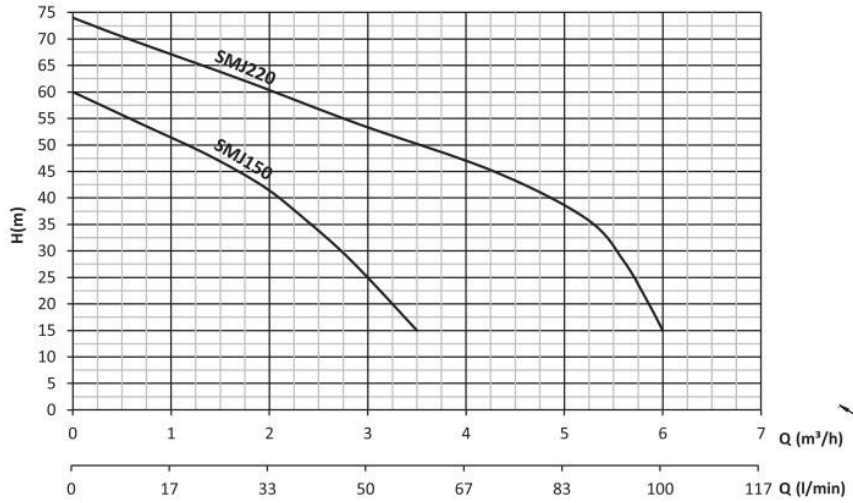
THERMAL PROTECTION IS AVAILABLE IN MONOPHASE MODELS AGAINST OVERLOADS.

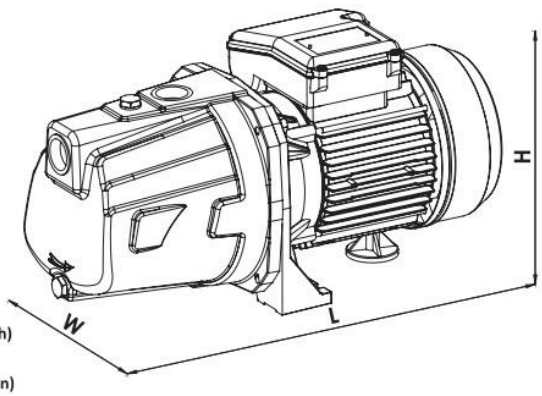
SMJ220



PUMP TECHNICAL PROPERTIES

MOTOR											PUMP											
TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	INPUT OUTPUT	W mm	L mm	H mm	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"	180	420	211	15	Hm	51	42	25	5	-
SMJ220 SMJT220	1.6	2.2	220	380	50	8.8	3.5	2900	45	450	9	1 1/4 1"	205	540	230	30.5	Hm	67	60	53	47	38





SMJK150/4



DEFINITION

Multi-staged silent jet pumps with CASTING body.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

This type pumps using at, up to a maximum of 55 m in pressure water supply, water booster groups, watering gardens and vineyard, constructions, to supply clean water, gas stations, and because of its silence villas and summer house and for booster in buildings up to 10 floors and 20 apartments.

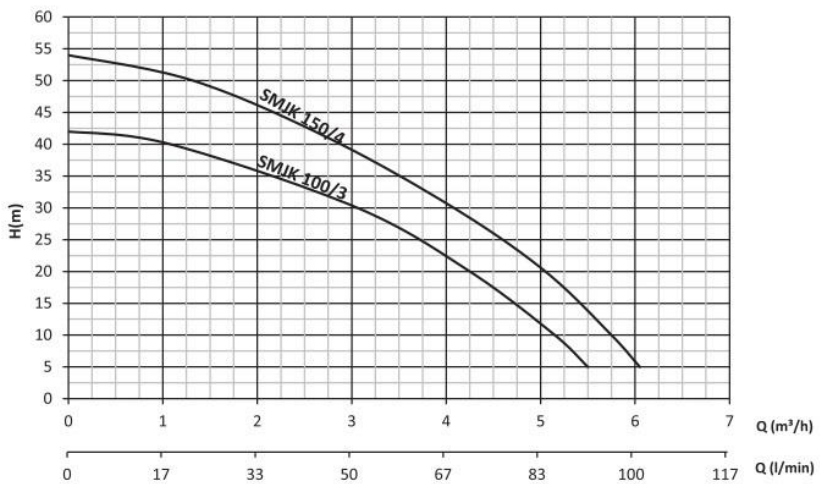
PUMP MATERIAL PROPERTIES

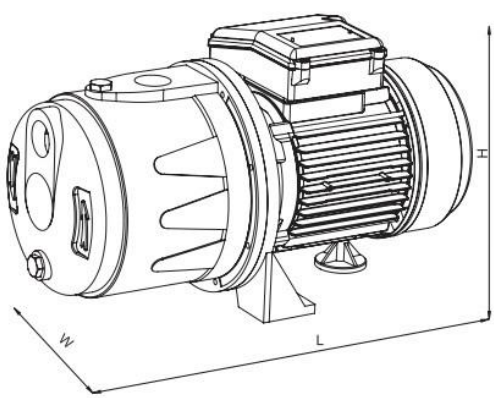
PUMP BODY	GG25 CASTING
IMPELLER	NORLY
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
IZOLATION	CI.F
MECHANICAL SEAL	CERAMIC / CARBON

THERMAL PROTECTION IS AVAILABLE IN MONOPHASE MODELS AGAINST OVERLOADS.

PUMP TECHNICAL PROPERTIES

MOTOR											PUMP										
TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	INPUT OUTPUT	W mm	L mm	H mm	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	1"	200	398	215	16	Hm	40	35	30	23	12
SMJK150/4 SMJKT150/4	1.1	1.5	220	380	50	6	2.9	2900	25	450	1"	200	398	215	17		51	46	38	30	20





SELF - CLAPPED PUMPS

DSM220/2



DEFINITION

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

USAGE AREAS

This type of pumps are self-flap pumps which suck up to 6 m and are used in agricultural irrigation up to a maximum height of 32 m, discharge of dirty water without solid particles and fibers, discharge of construction basis water and high flow water requirements in ship sector.

PUMP MATERIAL PROPERTIES

PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
IZOLATION	CI.F
MECHANICAL SEAL	CERAMIC / CARBON

New Product

DSMT550/3

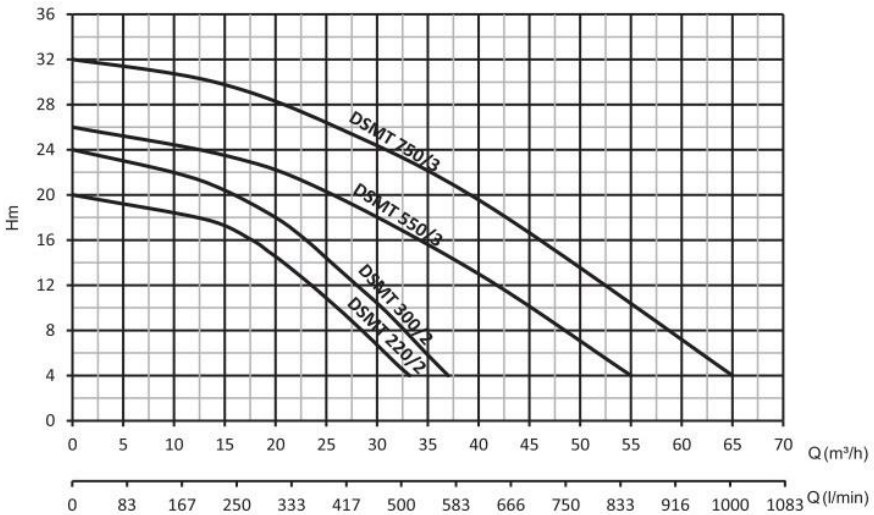


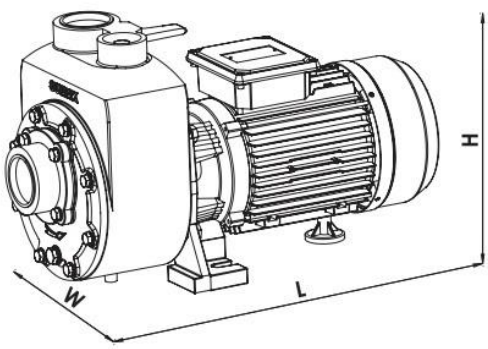
PUMP TECHNICAL PROPERTIES

	MOTOR										PUMP										
	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	INPUT OUTPUT	W mm	L mm	H mm	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"	220	480	300	33.5	Hm	19	18	15	11
*	DSM300/2 DSMT300/2	2.2	3	220	380	50	14.8	4.9	2900	50	450	6	2"	220	480	300	34.5		23	21	18	13

	MOTOR							PUMP										
	TYPE	KW	HP	V	Hz	A	rpm	Suction m	INPUT OUTPUT	W mm	L mm	H mm	KG	m³/h	25	35	45	55
*	DSMT550/3	4	5.5	380	50	9	2900	6	3"	250	606	380	63	Hm	20	15	9	-
*	DSMT750/3	5.5	7.5	380	50	12	2900	6	3"	250	606	380	67		26	22	17	9

* Optionally it can be manufactured with bronze wheel.





Open Impeller

SM100A



DEFINITION

Mono-staged, open impeller centrifugal pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These types of pumps are designed for dripping and releasing water up to a maximum height of 22 m; is used in the water discharge of a little dirt accumulation.

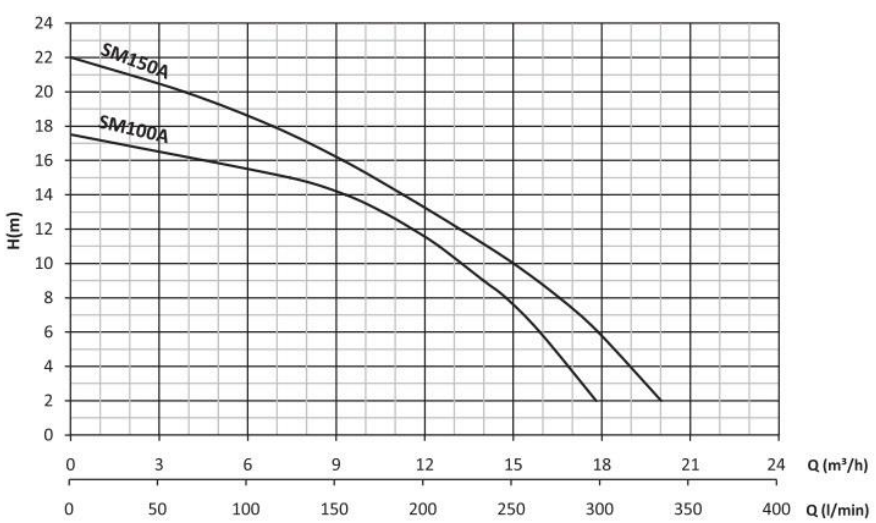
PUMP MATERIAL PROPERTIES

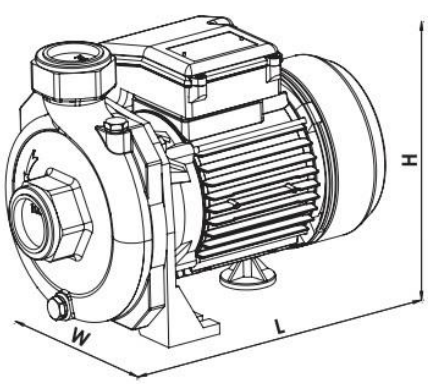
PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
IZOLATION	CI.F
MECHANICAL SEAL	CERAMIC / CARBON

THERMAL PROTECTION IS AVAILABLE IN MONOPHASE MODELS AGAINST OVERLOADS.

PUMP TECHNICAL PROPERTIES

MOTOR											PUMP										
TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	INPUT OUTPUT	W mm	L mm	H mm	KG	m³/h	3	6	10	15	20
SM100A SMT100A	0.75	1	220	380	50	4.7	2.2	2900	20	450	1 1/2	190	295	235	13	Hm	16.5	15.5	13.5	7	-
SM150A SMT150A	1.1	1.5	220	380	50	5.8	2.8	2900	25	450	1 1/2	190	295	235	14	Hm	20.5	19	15	10	2





SM100



SM220



DEFINITION

Mono-staged, open impeller centrifugal pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These types of pumps are designed for suctioning at a depth of 6 m and it is used in small irrigation up to a maximum of 44 m in height and as a water booster in the buildings not exceeding 8 apartments in 4 floors.

PUMP MATERIAL PROPERTIES

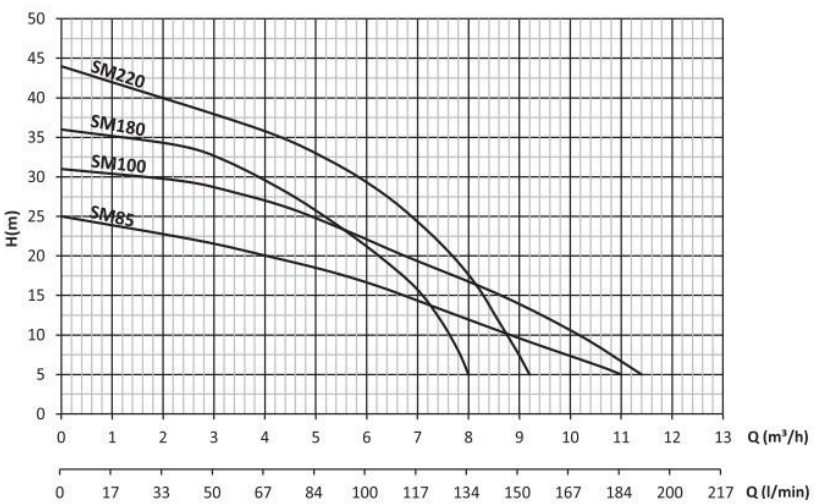
PUMP BODY	GG25 CASTING
IMPELLER	NORLY
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
IZOLATION	CI.F
MECHANICAL SEAL	CERAMIC / CARBON

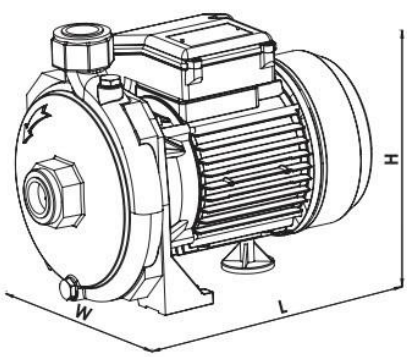
THERMAL PROTECTION IS AVAILABLE IN SM85 – SM100 MODELS AGAINST OVERLOADS.

PUMP TECHNICAL PROPERTIES

	MOTOR										POMPA											
	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	INPUT OUTPUT	W mm	L mm	H mm	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"	190	300	240	12	Hm	23	20	16	13	-
*	SM100 SMT100	0.75	1	220	380	50	5.7	2.2	2900	25	450	6	1"	190	305	240	14		29	26	22	16	-
	SM180 SMT180	1.35	1.8	220	380	50	8.5	3	2900	40	450	6	1 1/4 1"	220	390	270	24		34	29	22	5	-
	SM220 SMT220	1.6	2.2	220	380	50	10.8	3.6	2900	45	450	6	1 1/4 1"	220	390	270	25.5		40	36	29	18	-

*Optionally it can be produced as until 90° C for use in hot water applications with stainless impeller.





SM150



DEFINITION

Mono-staged, open impeller centrifugal pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These types of pumps are designed for suctioning at a depth of 6 m and it is used in small-scale irrigations up to a maximum of 36 m in height as a water booster in the buildings not exceeding 16 apartments in 4 floors.

PUMP MATERIAL PROPERTIES

PUMP BODY	GG25 CASTING
IMPELLER	NORLY (SM220/1.5 GG25 CASTING)
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
IZOLATION	CI.F
MECHANICAL SEAL	CERAMIC / CARBON

THERMAL PROTECTION IS AVAILABLE IN SM150 MODELS AGAINST OVERLOADS.

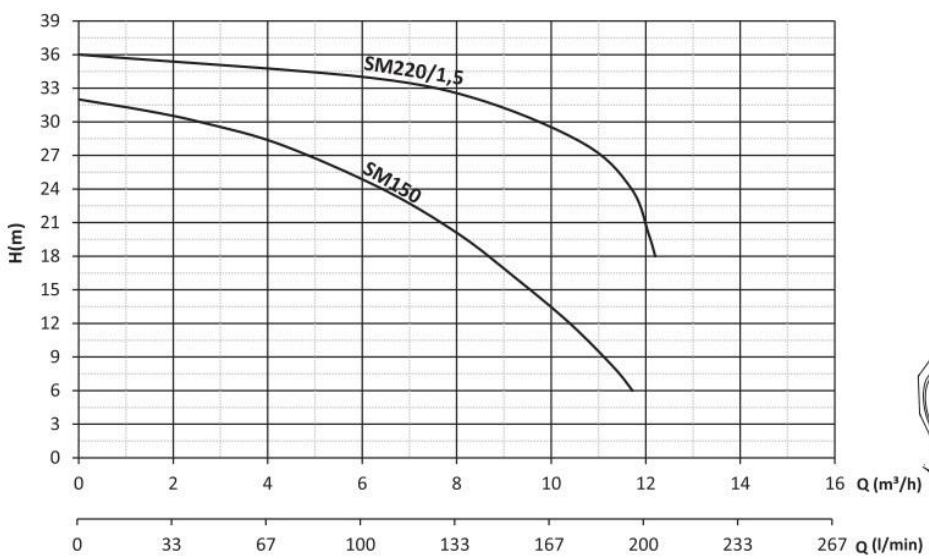
SM220/1.5

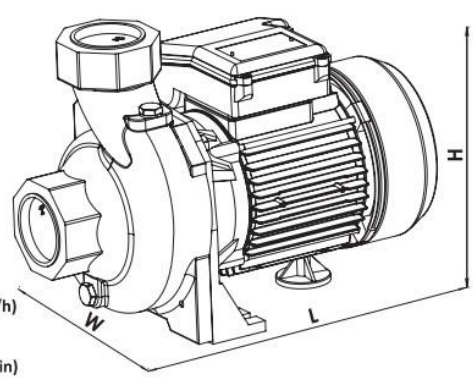


PUMP TECHNICAL PROPERTIES

	MOTOR											PUMP										
	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	INPUT OUTPUT	W mm	L mm	H mm	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	1 1/2	190	321	253	14.5	Hm	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	1 1/2	220	280	280	28	Hm	35	34	33	31	21

*Optionally it can be produced as until 90° C for use in hot water applications with stainless impeller.





SM150/2



DEFINITION

Mono-staged, open impeller centrifugal pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These types of pumps are designed for suctioning at a depth of 6 m, it is used in drip, and surface irrigation up to a maximum of 32 m in height and it is used in the water discharge a few dirty accumulation

PUMP MATERIAL PROPERTIES

PUMP BODY	GG25 CASTING
IMPELLER	NORLY (SM300/2 GG25 CASTING)
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
IZOLATION	CI.F
MECHANICAL SEAL	CERAMIC / CARBON

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

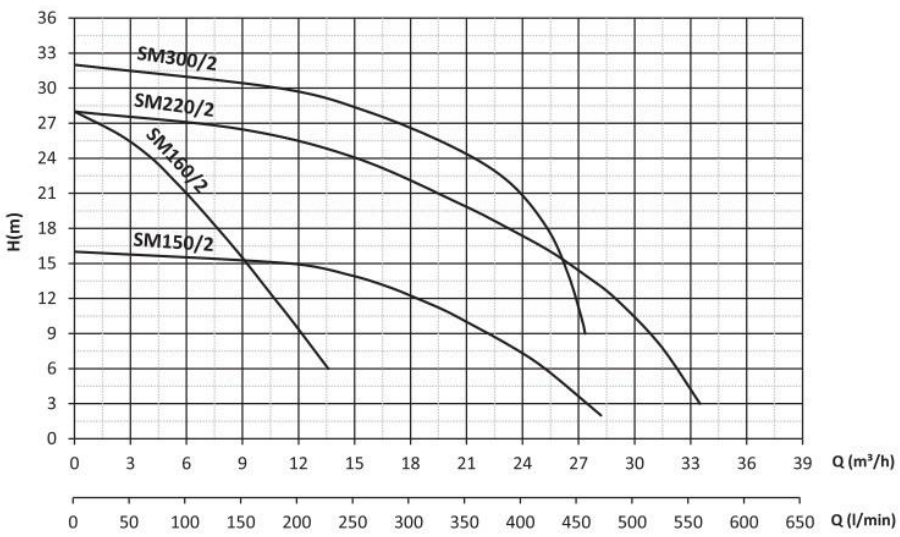
SM300/2

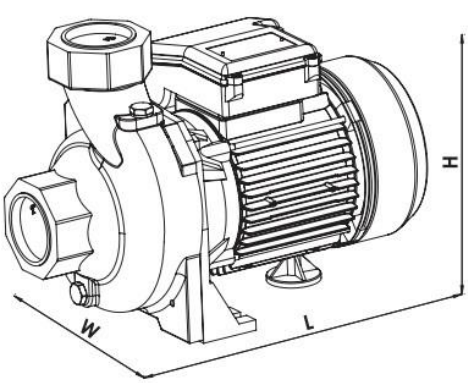


PUMP TECHNICAL PROPERTIES

	MOTOR										PUMP											
	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	INPUT OUTPUT	W mm	L mm	H mm	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"	210	344	250	15.5	Hm	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"	190	321	253	14.5		21	9	-	-	-
	SM220/2 SMT220/2	1.6	2.2	220	380	50	9.8	4.4	2900	45	450	6	2"	222	426	290	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"	222	420	280	29		31	29	26	21	-

* Optionally it can be produced as until 90° C for use in hot water applications.





SMT300/3



DEFINITION

Mono-staged, open impeller centrifugal pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These types of pumps are designed for suctioning at a depth of 6 m, it is used in drip, and surface irrigation up to a maximum of 23 m in height and it is used in the water discharge a few dirty accumulation

PUMP MATERIAL PROPERTIES

PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
IZOLATION	CI.F
MECHANICAL SEAL	CERAMIC / CARBON

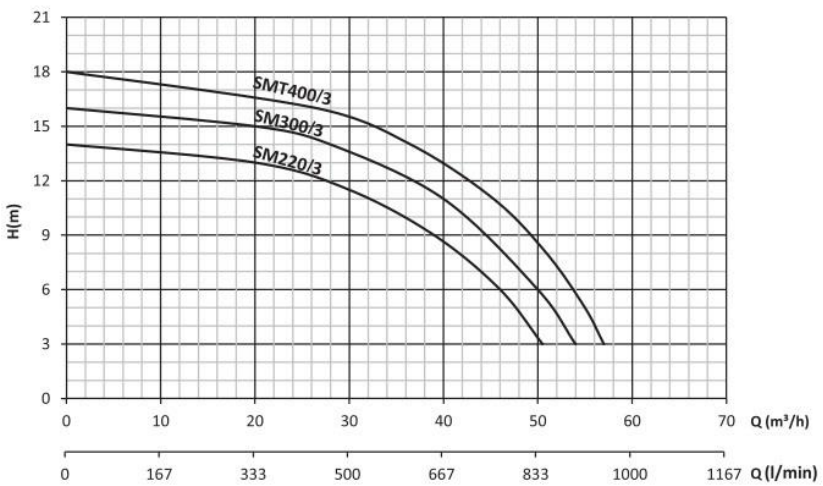
SMT400/3

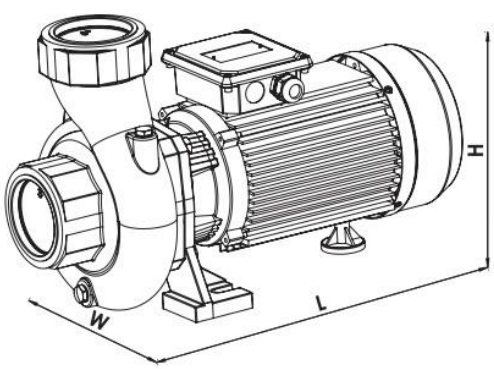


PUMP TECHNICAL PROPERTIES

	MOTOR											PUMP											
	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	INPUT OUTPUT	W mm	L mm	H mm	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	220	445	285	28.5	Hm	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	220	445	285	30		16	14	11	8	-
*	SMT400/3	3	4	-	380	50	-	7	2900	-	-	6	3"	225	485	300	33.5		17	16	14	11	-

*Optionally it can be produced as until 90° C for use in hot water applications.





SMT550/3



DEFINITION

Mono-staged, open impeller centrifugal pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These types of pumps are designed for suctioning at a depth of 6 m and it is used in drip and surface irrigation for agricultural purposes up to maximum 55 m height, bilge water discharge on ships, water discharge a few dirty accumulation and need of high flow water.

SMT1500/3



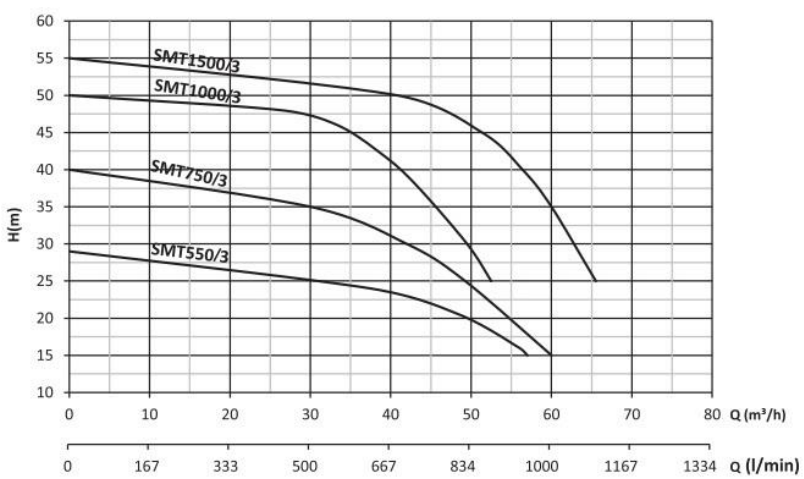
PUMP MATERIAL PROPERTIES

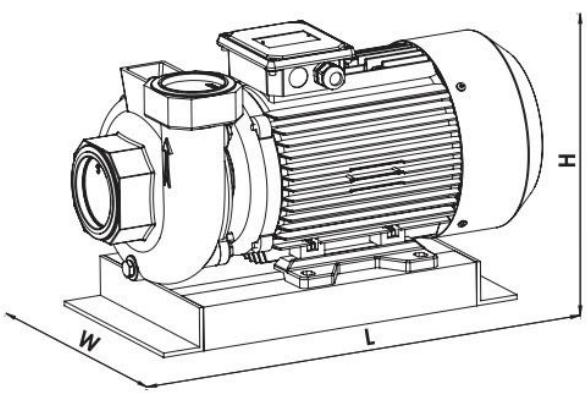
PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
IZOLATION	CI.F
MECHANICAL SEAL	CERAMIC / CARBON

PUMP TECHNICAL PROPERTIES

	MOTOR							PUMP											
	TYPE	KW	HP	V	Hz	A	rpm	Suction m	INPUT OUTPUT	W mm	L mm	H mm	KG	m³/h	10	20	30	40	55
*	SMT550/3	4	5.5	380	50	10.5	2900	6	3 / 2 1/2	460	485	310	44.5	Hm	28	27	25	23	15
*	SMT750/3	5.5	7.5	380	50	12	2900	6	3 / 2 1/2	325	530	480	63		38	37	35	31	20
*	SMT1000/3	7.5	10	380	50	14.7	2900	6	3 / 2 1/2	350	580	490	75		49	48	47	41	20
*	SMT1500/3	11	15	380	50	22	2900	6	3 / 2 1/2	350	580	490	83.5		54	53	52	50	42

*Optionally it can be produced as until 90° C for use in hot water applications.





SM300/4 - SMT400/4



DEFINITION

Mono-staged, open impeller centrifugal pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These types of pumps are designed for suctioning at a depth of 6 m and it is used in drip and surface irrigation for agricultural purposes up to maximum 22,5 m height, bilge water discharge on ships, tanker water discharge, water discharge a few dirty accumulation and need of high flow water.

SMT1500/4



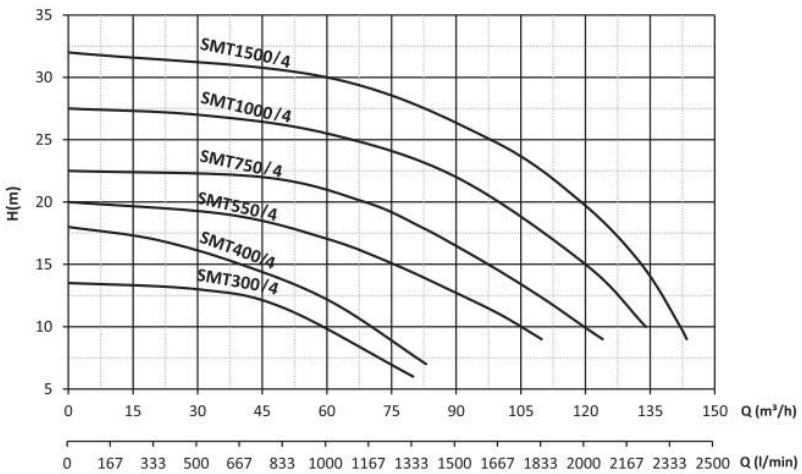
PUMP MATERIAL PROPERTIES

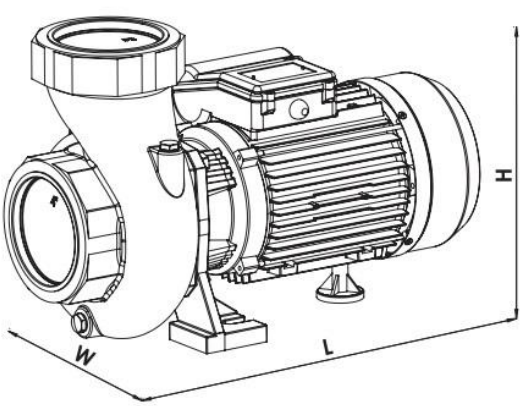
PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
IZOLATION	CI.F
MECHANICAL SEAL	CERAMIC / CARBON

PUMP TECHNICAL PROPERTIES

	MOTOR										PUMP											
	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	INPUT OUTPUT	W mm	L mm	H mm	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"	220	455	300	34.5	Hm	13.5	13	11.5	6	-
*	SMT400/4	3	4	-	380	50	-	6.3	2900	-	-	6	4"	230	480	305	37.5		17.5	16	14	8	-
*	SMT550/4	4	5.5	-	380	50	-	9.8	2900	-	-	6	4"	270	520	365	51		19.5	19	18	14	8
*	SMT750/4	5.5	7.5	-	380	50	-	14	2900	-	-	6	4"	270	520	365	56		22.5	22	21.5	18	11
*	SMT1000/4	7.5	10	-	380	50	-	14.7	2900	-	-	6	4"	275	590	390	73		27.5	27	26	23.5	16.5
*	SMT1500/4	11	15	-	380	50	-	22.5	2900	-	-	6	4"	275	590	390	82		31.5	31	30.5	28	21

* Optionally it can be produced as until 90° C for use in hot water applications.





DOUBLE STAGED CENTRIFUGAL PUMPS

SMK220 - SMKT300



DEFINITION

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

USAGE AREAS

These types of pumps are designed for suctioning at a depth of 6 m and up to maximum 85 m height pressured water; it is used for irrigation for agricultural purposes, for water booster in buildings up to 32 apartments and 8 floors, for clean water in social facilities, constructions and gas stations.

SMKT750



PUMP MATERIAL PROPERTIES

PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING (SMK220-SMKT300 NORLY)
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
IZOLATION	CI.F
MECHANICAL SEAL	CERAMIC / CARBON

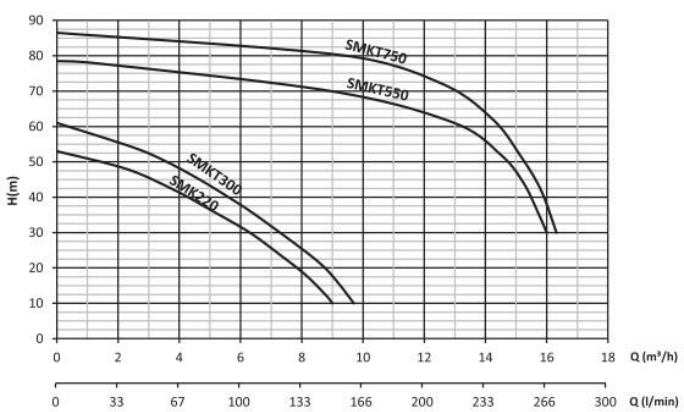
PUMP TECHNICAL PROPERTIES

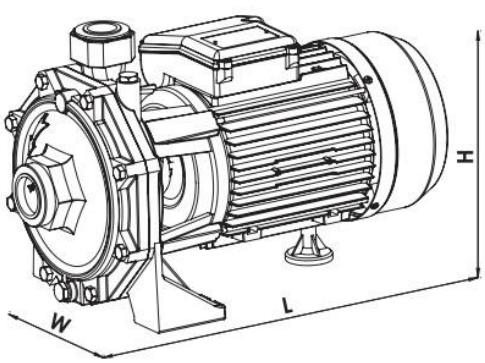
MOTOR											PUMP											
TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	INPUT OUTPUT	W mm	L mm	H mm	KG	m³/h	2	4	6	8	10
SMK220 SMKT220	1.6	2.2	220	380	50	10.3	4.5	2900	45	450	6	1¼ 1"	205	435	283	28	Hm	49	42	32	19	-
SMKT300	2.2	3	-	380	50	-	4.9	2900	-	-	6	1¼ 1"	205	435	283	28	Hm	55	49	38	25	5

	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	INPUT OUTPUT	W mm	L mm	H mm	KG	m³/h	5	10	13	14	15
**	SMKT550	4	5.5	-	380	50	-	11	2900	-	-	6	1½ 1½	283	550	355	51	Hm	75	69	60	58	48
**	SMKT750	5.5	7.5	-	380	50	-	14.5	2900	-	-	6	1½ 1½	283	550	355	55	Hm	82	79	70	63	51

* Optionally it can be produced as until 90° C for use in hot water applications with stainless impeller.

** Optionally it can be produced as until 90° C for use in hot water applications with bronze impeller.





SMK220/2



DEFINITION

Double-staged, monophasic and three phase centrifugal pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These types of pumps are used in flooding, dripping, sprinkling and fountain type irrigation for up to a maximum of 68 m in height and for suctioning at a depth of 6 m, for overflowing water needs and for water booster systems.

SMKT750/2



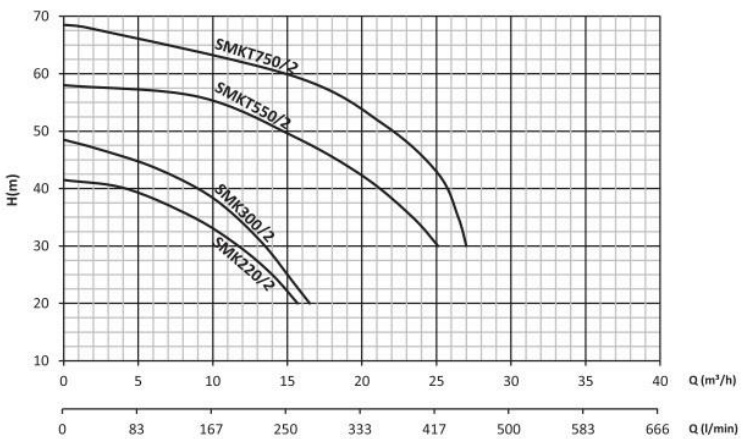
PUMP MATERIAL PROPERTIES

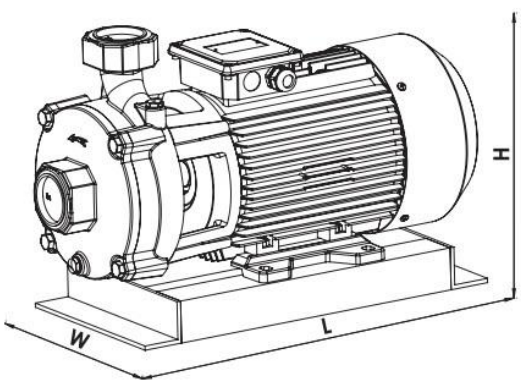
PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
IZOLATION	CI.F
MECHANICAL SEAL	CERAMIC / CARBON

PUMP TECHNICAL PROPERTIES

	MOTOR											PUMP											
	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	INPUT OUTPUT	W mm	L mm	H mm	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"	210	430	285	29.5	Hm	39	33	21	-	-
*	SMK300/2 SMKT300/2	2.2	3	220	380	50	14.8	4.9	2900	50	450	6	2"	210	430	285	30.5		45	39	25	-	-
*	SMKT550/2	4	5.5	-	380	50	-	9.4	2900	-	-	6	2"	230	520	350	45		57	55	49	42	30
	SMKT750/2	5.5	7.5	-	380	50	-	12.2	2900	-	-	6	2"	230	520	350	50		66	63	60	53	42

* Optionally it can be produced as until 90° C for use in hot water applications.





SMJB-K85



DEFINITION

Mono-staged, jacuzzi pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

This type of pump is used as a jacuzzi pump because it is a plastic body and it is used in acidic environments up to a maximum height of 17 m, in industrial type dishwasher manufacturing, in silent operation and durability in damp environments.

PUMP MATERIAL PROPERTIES

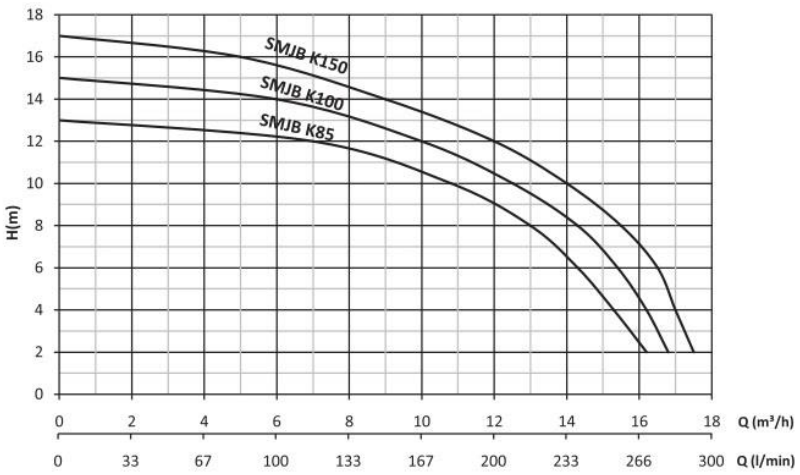
PUMP BODY	**PPH**
IMPELLER	**GG25 CASTING**
SHAFT	**AISI 304 INOX**
LIQUID PUMPING TEMPERATURE	**0-45°C**
PROTECTION CLASS	**IP 54**
IZOLATION	**CI.F**
MECHANICAL SEAL	**CERAMIC / CARBON**

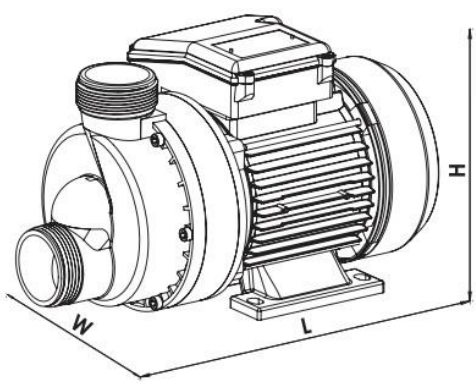
THERMAL PROTECTION IS AVAILABLE IN MONOPHASE MODELS AGAINST OVERLOADS.

PUMP TECHNICAL PROPERTIES

	MOTOR										PUMP										
	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	INPUT OUTPUT	W mm	L mm	H mm	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	165	309	192	8	Hm	12.8	12.5	10.5	8.5	-
*	SMJB-K100 SMJB-K100T	0.75	1	220	380	50	4.2	2.4	2900	20	450	1 1/2	165	326	192	8.5		14.4	14	12.8	10.7	4
*	SMJB-K150 SMJB-K150T	1.1	1.5	220	380	50	5	2.6	2900	25	450	1 1/2	165	326	192	9.5		16.2	15.4	14	12	7

*** Pump input and output can be manufactured as 2 ", 1½, 1¼.**





SMH150



DEFINITION

Self-priming, large pre-filter, monoblock, pressure resistant thermoplastic body, transparent cover, easy to clean filter pool pumps.

USAGE AREAS

This type of pumps are suitable for pool circulation pump as swimming pools, SPA, in built-in swimming pools. The filter water input and output record key is supplied with pump.

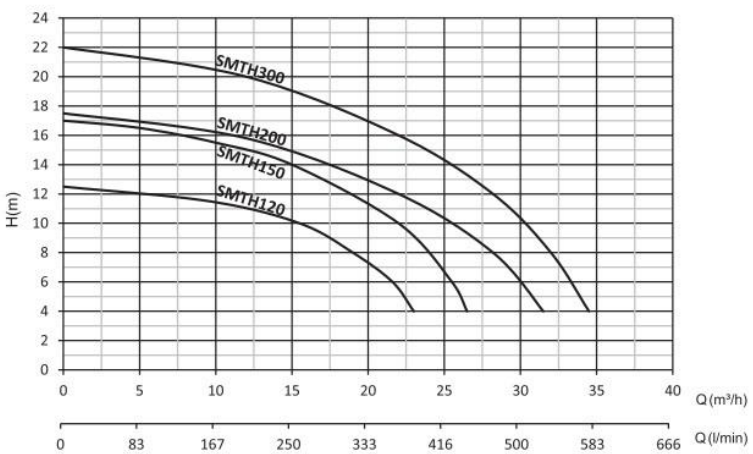
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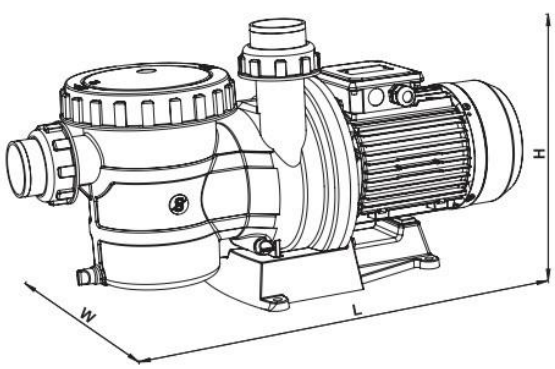
PUMP BODY	**PPH**
IMPELLER	**NORLY**
SHAFT	**AISI 304 INOX**
LIQUID PUMPING TEMPERATURE	**0-45°C**
PROTECTION CLASS	**IP 54**
IZOLATION	**CI.F**
MECHANICAL SEAL	**CERAMIC / CARBON**

THERMAL PROTECTION IS AVAILABLE IN SMH120 MODELS AGAINST OVERLOADS.

PUMP TECHNICAL PROPERTIES

MOTOR											PUMP												
TYPE	KW	HP	V MONO	V TRI	Hz	A MONO	A TRI	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	INPUT OUTPUT	W mm	L mm	H mm	KG	m³/h	5	10	15	20	30
SMH120 SMH120T	0.9	1.2	220	380	50	5.5	2	2900	25	450	6	2"	251	625	358	16.5	Hm	12	11.5	10	7	-
SMH150 SMH150T	1.1	1.5	220	380	50	8	2.8	2900	40	450	6	2"	251	692	358	20.5		16	15.5	14	11.5	-
SMH200 SMH200T	1.5	2	220	380	50	9.8	4.4	2900	45	450	6	2"	251	692	358	21.5		17	16	15	13	6
SMH300 SMH300T	2.2	3	220	380	50	13.7	4.9	2900	50	450	6	2"	251	692	358	23		21	20.5	19	17	10.5





MULTI-STAGED PUMPS WITH STAINLESS BODY

SMINOX/150-4



DEFINITION

Multi-staged pumps with stainless body
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These types of pumps are using at, up to maximum 85 m height pressured water, booster purpose in buildings up to 12 apartments and 5 floors, for clean water in hygienic areas, social facilities, constructions and gas stations.

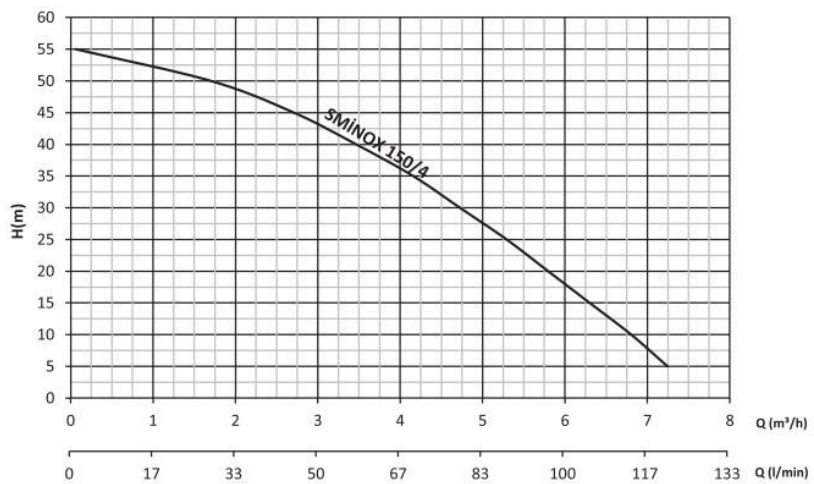
PUMP MATERIAL PROPERTIES

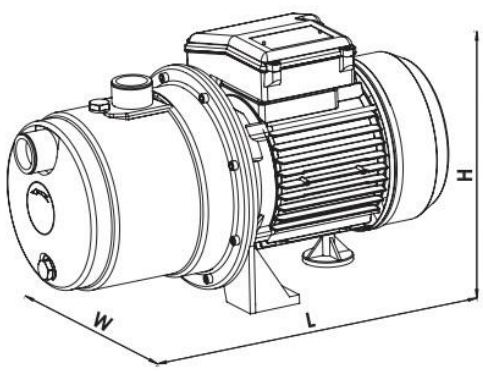
PUMP BODY	AISI 304 INOX
IMPELLER	NORLY
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
IZOLATION	CI.F
MECHANICAL SEAL	CERAMIC / CARBON

THERMAL PROTECTION IS AVAILABLE IN MONOPHASE MODELS AGAINST OVERLOADS.

PUMP TECHNICAL PROPERTIES

MOTOR											PUMP										
TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Input Output	W mm	L mm	H mm	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"	200	398	215	12	Hm	53	48	43	28	18





SMINOX/A-100



SMINOX/K-100



DEFINITION

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

USAGE AREAS

Because of all surfaces in contact with water are stainless these types of pumps are using at, up to maximum 18 m height pressured water in water treatment systems, in food industries, in hospitals and hygienic environments, in transferring various chemicals, in garden irrigation, in fish farms, in pool circulation systems and silent pumps.

PUMP MATERIAL PROPERTIES

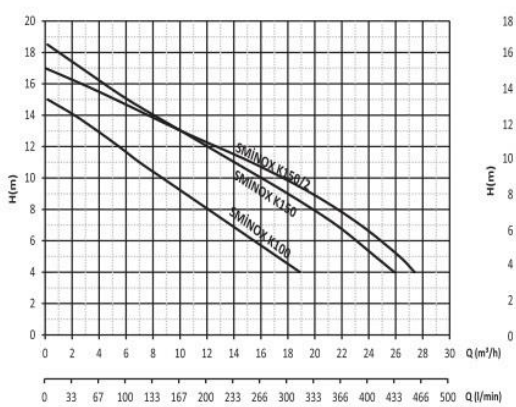
PUMP BODY	AISI 304 INOX
IMPELLER	AISI 304 INOX
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
IZOLATION	CI.F
MECHANICAL SEAL	CERAMIC / CARBON

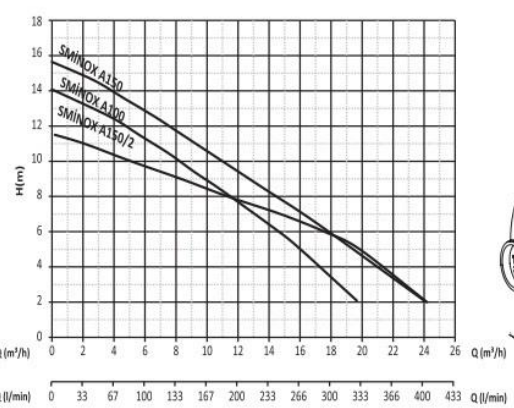
THERMAL PROTECTION IS AVAILABLE IN MONOPHASE MODELS AGAINST OVERLOADS.

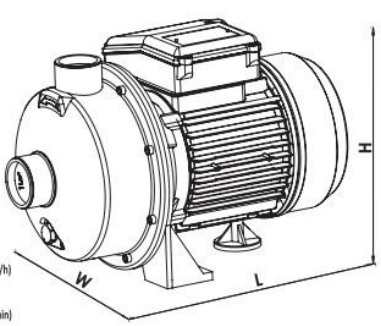
PUMP TECHNICAL PROPERTIES

	MOTOR										PUMP										
	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	INPUT OUTPUT	W mm	L mm	H mm	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	200	330	215	11	Hm	12.5	11	9	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	200	330	215	11.5		14	12.5	11	9	6
*	SMINOX / K-100 SMINOX / K-100T	0.75	1	220	380	50	5.2	2.4	2900	20	450	6	1 1/2 1 1/4	200	330	215	11		13	11	10	8	5
*	SMINOX / K-150 SMINOX / K-150T	1.1	1.5	220	380	50	6	2.6	2900	25	450	6	1 1/2 1 1/4	200	330	215	11.5		17	15	13.5	12	9
*	SMINOX / A-150/2 SMINOX / A-150/2T	1.1	1.5	220	380	50	6.2	2.6	2900	25	450	-	2"	200	350	220	11		11	9.5	8.5	7.5	5.5
*	SMINOX / K-150/2 SMINOX / K-150/2T	1.1	1.5	220	380	50	6.1	2.6	2900	25	450	6	2"	200	350	220	12		16	15	13.5	12	11

* Optionally it can be produced as until 90° C for use in hot water applications.
* Optionally it can be produced with AISI 316 stainless steel.







SMINOX/A-220/2



DEFINITION

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

USAGE AREAS

Because of all surfaces in contact with water are stainless these types of pumps are using at, up to maximum 24 m height pressured water in water treatment systems, in food industries, in hospitals and hygienic environments, in transferring various chemicals, in garden irrigation, in fish farms, in pool circulation systems and silent pumps.

SMINOX/K-400/2T



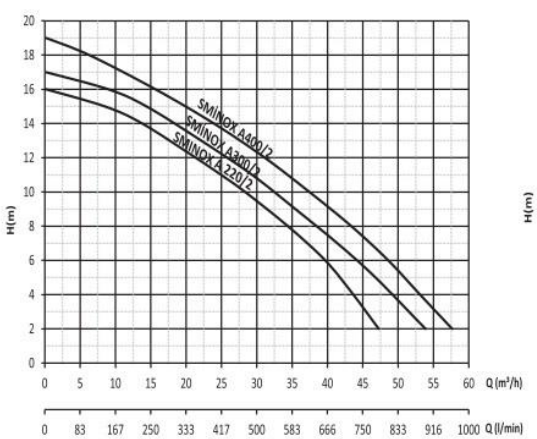
PUMP MATERIAL PROPERTIES

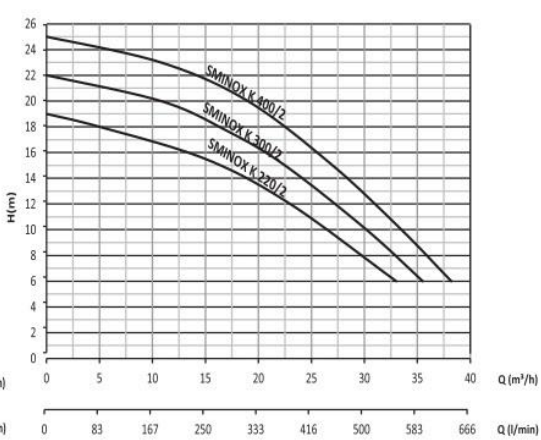
PUMP BODY	AISI 304 INOX
IMPELLER	AISI 304 INOX
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
IZOLATION	CI.F
MECHANICAL SEAL	CERAMIC / CARBON

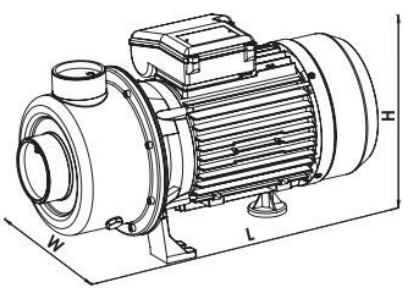
PUMP TECHNICAL PROPERTIES

	MOTOR											PUMP										
	TYPE	KW	HP	V MONO	V TRİ	Hz	A MONO	A TRİ	rpm	CAPACITOR uf	CAPACITOR Vc	Suction m	INPUT OUTPUT	W mm	L mm	H mm	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	-	2½" 2"	200	430	240	20	Hm	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	-	2½" 2"	200	430	240	21		16.5	15	12.5	9	4
*	SMINOX/A-400/2T	3	4	-	380	50	-	6	2900	-	-	-	2½" 2"	200	440	240	23.5		18.5	16	13.5	11	5.5
*	SMINOX/K-220/2 SMINOX/K-220/2T	1.6	2.2	220	380	50	11	3.5	2900	45	450	6	2½" 2"	200	430	240	20		18	15.5	11	-	-
*	SMINOX/K-300/2 SMINOX/K-300/2T	2.2	3	220	380	50	13	4	2900	50	450	6	2½" 2"	200	430	240	21.5		21	19	13.5	6.5	-
*	SMINOX/K-400/2T	3	4	-	380	50	-	4.8	2900	-	-	6	2½" 2"	200	440	240	24		24	21.5	16	9	-

* Optionally it can be produced as until 90° C for use in hot water applications.
* Optionally it can be produced with AISI 316 stainless steel.







COMPLETE STAINLESS STEEL, FLANGE CONNECTED CENTRIFUGAL PUMPS WITH RIGID COUPLING

New Product

SMINOX200/40

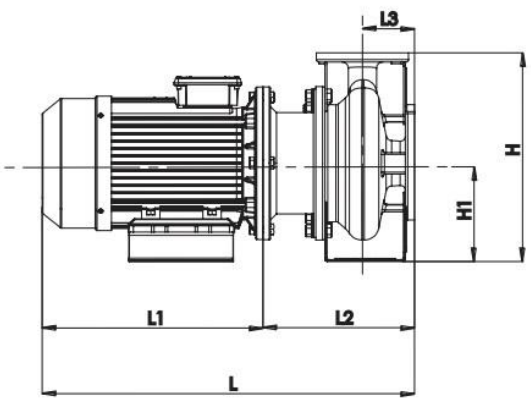


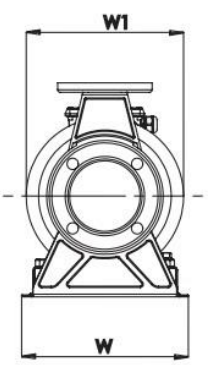
DEFINITION

They are centrifugal pumps made of AISI 304 or 316 quality stainless steel according to EN 733 - (DIN 24255) standards with stainless body, closed impeller, rigid coupling and flange connection. It is also designed with high hydraulic design features with the options of exproof motor and frequency controlled motor.
It is manufactured at 50 Hz and 60 Hz frequencies.

USAGE AREAS

This type of pumps are centrifugal pumps which are suitable for use in chemical industry, food industry, defense industry, agriculture sector, treatment plants, maritime sector, and flood up to a maximum height of 58 m.





PUMP MATERIAL PROPERTIES

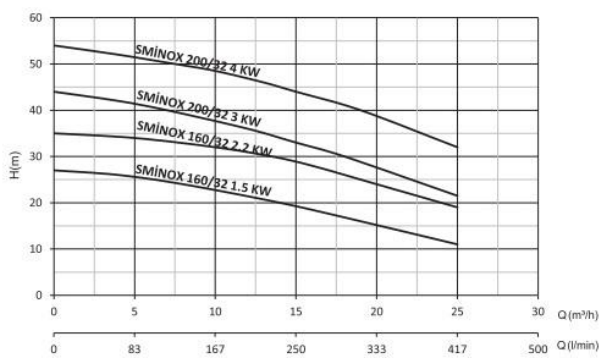
PUMP BODY	AISI 304 INOX (AISI 316 INOX)
IMPELLER	AISI 304 INOX (AISI 316 INOX)
SHAFT	AISI 304 INOX (AISI 316 INOX)
LIQUID PUMPING TEMPERATURE	0 - 45°C
PROTECTION CLASS	IP 54
IZOLATION	CI.F
MECHANICAL SEAL	CERAMIC / CARBON

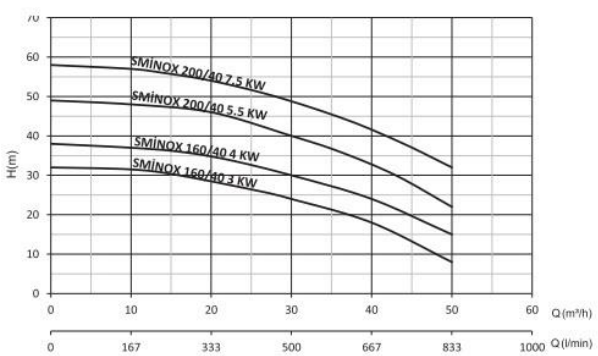
PUMP TECHNICAL PROPERTIES

MOTOR							PUMP									
TYPE	KW	HP	V	Hz	A	rpm	INPUT	OUTPUT	KG	m³/h	10	20	25	35	45	50
SMINOX160/32	1.5	2	380	50	3.5	2900	DN50	DN32	27	Hm	23	15	11	-	-	-
SMINOX160/32	2.2	3	380	50	4.8	2900	DN50	DN32	33		32	24	19	-	-	-
SMINOX200/32	3	4	380	50	6.5	2900	DN50	DN32	44		37	27	22	-	-	-
SMINOX200/32	4	5.5	380	50	5.5	2900	DN50	DN32	51		58	38	33	-	-	-
SMINOX160/40	3	4	380	50	6.2	2900	DN50	DN32	42		31	29	26	21	13	9
SMINOX160/40	4	5.5	380	50	8.5	2900	DN50	DN32	48		37	35	33	26	20	15
SMINOX200/40	5.5	7.5	380	50	11.5	2900	DN50	DN32	75		48	45	43	37	27	22
SMINOX200/40	7.5	10	380	50	15.5	2900	DN50	DN32	80		57	54	51	45	37	32

PUMP SIZE DIMENSIONS								
Type	L	L1	L2	L3	H	H1	W	W1
SMINOX160/32	488	278	210	80	292	132	240	244
SMINOX200/32	527	305	222	80	340	160	240	295
SMINOX160/40	527	305	222	80	292	132	240	244
SMINOX200/40	644	379	265	100	340	160	300	265

* It can be produced with optional motor options (Exproof Motor or Frequency Controlled Motor).
* Optionally, it can be used in hot water applications up to 110 ° C.





COMPLETE STAINLESS STEEL, FLANGE CONNECTED CENTRIFUGAL PUMPS WITH RIGID COUPLING

New Product

SMINOX160/65

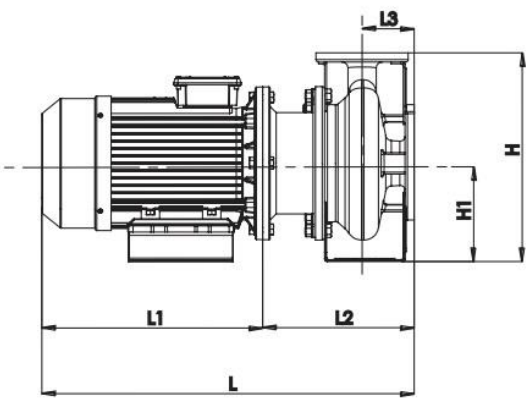


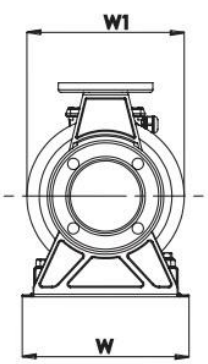
DEFINITION

They are centrifugal pumps made of AISI 304 or 316 quality stainless steel according to EN 733 - (DIN 24255) standards with stainless body, closed impeller, rigid coupling and flange connection. It is also designed with high hydraulic design features with the options of exproof motor and frequency controlled motor.
It is manufactured at 50 Hz and 60 Hz frequencies.

USAGE AREAS

This type of pumps are centrifugal pumps which are suitable for use in chemical industry, food industry, defense industry, agriculture sector, treatment plants, maritime sector, and flood up to a maximum height of 60 m.





PUMP MATERIAL PROPERTIES

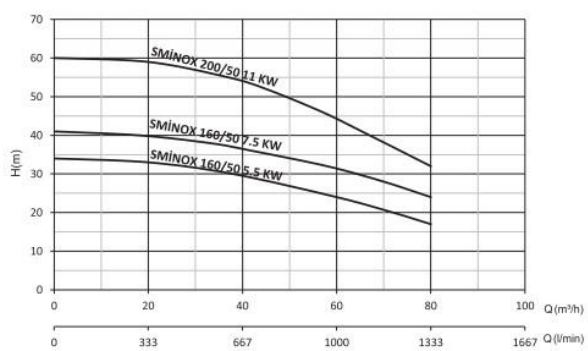
PUMP BODY	AISI 304 INOX (AISI 316 INOX)
IMPELLER	AISI 304 INOX (AISI 316 INOX)
SHAFT	AISI 304 INOX (AISI 316 INOX)
LIQUID PUMPING TEMPERATURE	0 - 45°C
PROTECTION CLASS	IP 54
IZOLATION	CI.F
MECHANICAL SEAL	CERAMIC / CARBON

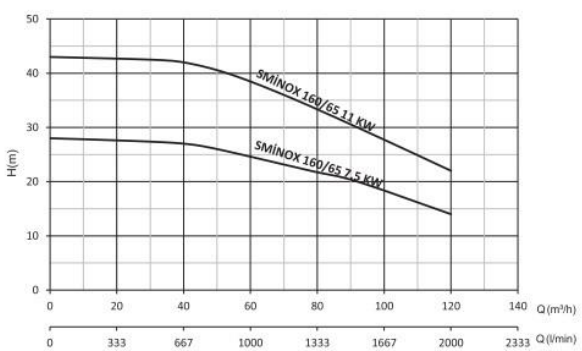
PUMP TECHNICAL PROPERTIES

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	Hm	33	30	24	16	-	-
SMINOX160/50	7.5	10	380	50	15.5	2900	DN65	DN50	81		40	36	31	25	-	-
SMINOX200/50	11	15	380	50	23	2900	DN65	DN50	125		59	54	44	32	-	-
SMINOX160/65	7.5	10	380	50	15.5	2900	DN65	DN50	93		27	26	25	22	18	14
SMINOX160/65	11	15	380	50	23	2900	DN65	DN50	100		42	41	38	34	27	22

PUMP SIZE DIMENSIONS								
Type	L	L1	L2	L3	H	H1	W	W1
SMINOX160/50	644	379	265	100	340	160	300	265
SMINOX200/50	792	494	298	100	360	160	300	265
SMINOX160/65	800	495	305	100	340	160	300	280

* It can be produced with optional motor options (Exproof Motor or Frequency Controlled Motor).
* Optionally, it can be used in hot water applications up to 110 ° C.





SMINOX12-220/2T



DEFINITION

Multi-staged pumps, high-altitude and all surfaces in contact with water are stainless pumps
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

Because of all surfaces in contact with water are stainless these types of pumps are using at, up to maximum 70 m height pressured water, booster purpose in buildings up to 20 apartments and 10 floors, for clean water in hygienic areas, social facilities, constructions and gas stations.

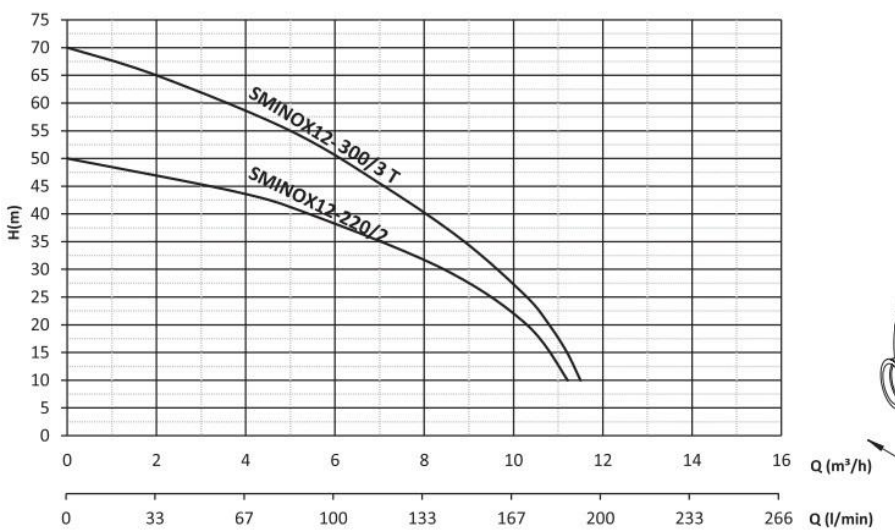
PUMP MATERIAL PROPERTIES

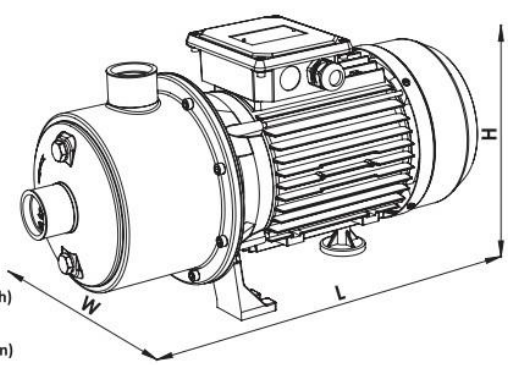
PUMP BODY	AISI 304 INOX
IMPELLER	AISI 304 INOX
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
IZOLATION	CI.F
MECHANICAL SEAL	CERAMIC / CARBON

PUMP TECHNICAL PROPERTIES

	MOTOR											PUMP										
	TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	INPUT OUTPUT	W mm	L mm	H mm	KG	m³/h	2	4	6	8	10
*	SMINOX12/220-2	1.6	2.2	220	-	50	11	-	2900	45	450	1 1/4 1 1/4	460	200	240	22	Hm	47	42	37	32	22
*	SMINOX12/220-2T	1.6	2.2	-	380	50	-	3.5	2900	-	-	1 1/4 1 1/4	460	200	240	22		47	42	37	32	22
*	SMINOX12/300-3T	2.2	3	-	380	50	-	5	2900	-	-	1 1/4 1 1/4	460	200	240	24		65	58	50	40	28

*Optionally it can be produced as until 90° C for use in hot water applications with stainless impeller.





SSP3-25/6



DEFINITION

1 "-11 / 4 union, 3 speed, wet rotor inline pumps.

USAGE AREAS

These pumps are highly efficient pumps for use in solar energy systems, condensed combis, calorific stoves and boilers, air conditioning applications, industrial circulation systems, and 1-6-digit houses.

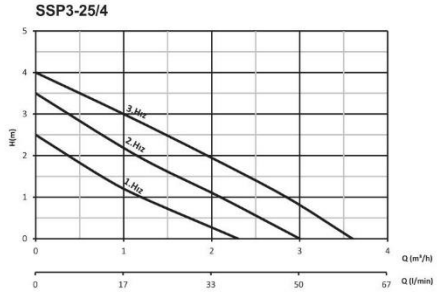
PUMP MATERIAL PROPERTIES

PUMP BODY	**PIK GG25**
IMPELLER	**NORLY**
SHAFT	**AISI 420**
LIQUID PUMPING TEMPERATURE	**110^{0}C max**
PROTECTION CLASS	**IP 41**
IZOLATION	**H**

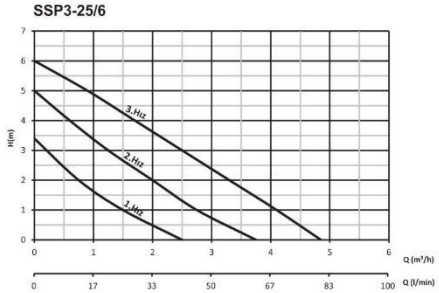
PUMP TECHNICAL PROPERTIES

MOTOR							PUMP					
TYPE	KW	HP	V	Hz	A	rpm	PUMP INPUT OUTPUT	CABLE GLAND INPUT OUTPUT	W mm	L mm	H mm	KG
SSP3-25/4	0.072	0.102	220	50	0.35	2800	1 1/2	1"	125	130	130	2.50
	0.055	0.075				2600						
	0.035	0.048				2400						
SSP3-25/6	0.100	0.13	220	50	0.45	2800	1 1/2	1"	125	130	130	2.50
	0.070	0.095				2600						
	0.055	0.075				2400						
SSP3-25/8	0.245	0.333	220	50	1.15	2800	1 1/2	1"	125	180	170	5.50
	0.190	0.258				2600						
	0.135	0.183				2400						

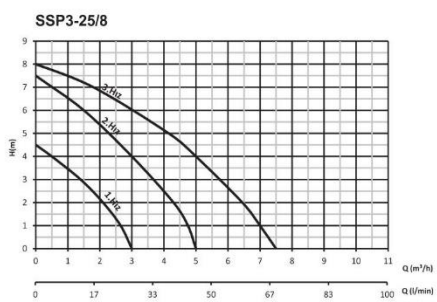
SSP3-25/4

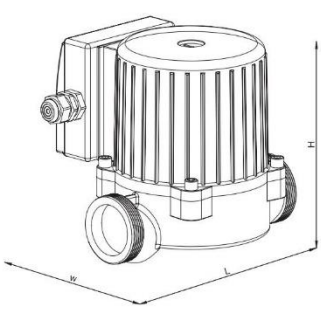


SSP3-25/6



SSP3-25/8





SSP3-32/8



DEFINITION

1 "-11 / 4 union, 3 speed, wet rotor inline pumps.

USAGE AREAS

These pumps are highly efficient pumps for use in solar energy systems, condensed combis, calorific stoves and boilers, air conditioning applications, industrial circulation systems, and 1-6-digit houses.

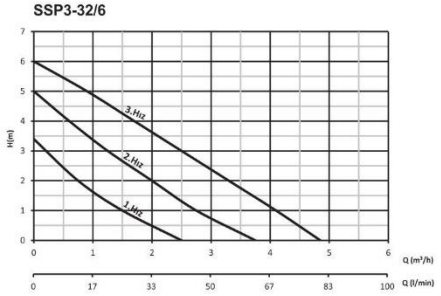
PUMP MATERIAL PROPERTIES

PUMP BODY	**PIK GG25**
IMPELLER	**NORLY**
SHAFT	**AISI 420**
LIQUID PUMPING TEMPERATURE	**110°C max**
PROTECTION CLASS	**IP 41**
IZOLATION	**H**

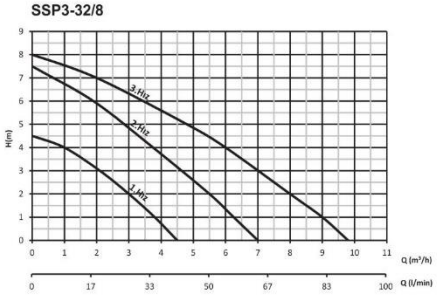
PUMP TECHNICAL PROPERTIES

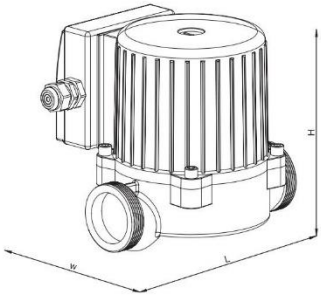
MOTOR							PUMP					
TYPE	KW	HP	V	Hz	A	rpm	PUMP INPUT OUTPUT	CABLE GLAND INPUT OUTPUT	W mm	L mm	H mm	KG
SSP3-32/6	0.100	0.136	220	50	0.45	2800	2"	1 1/4	125	130	130	3
	0.070	0.095				2600						
	0.055	0.075				2400						
SSP3-32/8	0.245	0.333	220	50	1.15	2800	2"	1 1/4	125	180	170	5.50
	0.190	0.258				2600						
	0.135	0.183				2400						

SSP3-32/6



SSP3-32/8





SSP3-40/10



DEFINITION

PN6 / 10 is a wet rotor inline pump connected in an axial direction in hot or cold closed systems with common flange and oval mounting connection holes.

USAGE AREAS

It is used in solar hot water, closed circuit hot and cold water systems, heating and cooling circuits.

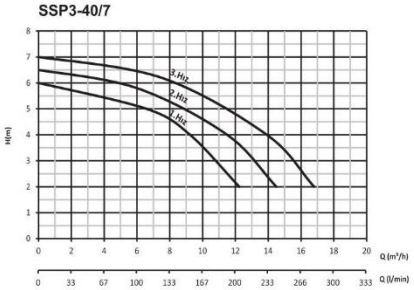
PUMP MATERIAL PROPERTIES

PUMP BODY	**PIK GG25**
IMPELLER	**NORLY**
SHAFT	**AISI 420**
LIQUID PUMPING TEMPERATURE	**110°C max**
PROTECTION CLASS	**IP 41**
IZOLATION	**H**

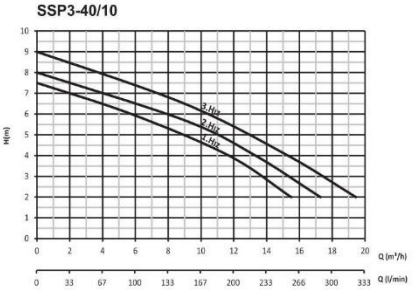
PUMP TECHNICAL PROPERTIES

MOTOR							PUMP				
TYPE	KW	HP	V THREE	Hz	A THREE	rpm	INPUT OUTPUT	W mm	L mm	H mm	KG
SSP3-40/7	0.60	0.80	380	50	1	2800	NW40	210	250	305	20.5
	0.50	0.65			0.80	2600					
	0.35	0.45			0.60	2400					
SSP3-40/10	0.75	1	380	50	1.3	2800	NW40	195	250	305	20.5
	0.55	0.75			1	2600					
	0.40	0.55			0.75	2400					
SSP3-50/7	0.65	0.85	380	50	1.1	2750	NW50	220	280	310	22
	0.55	0.70			0.90	2550					
	0.40	0.50			0.70	2350					
SSP3-50/10	0.85	1.1	380	50	1.4	2800	NW50	220	280	310	23
	0.65	0.85			1.1	2600					
	0.55	0.70			0.85	2400					
SSP3-65/12	1.36	1.8	380	50	3	2600	NW65	236	340	328	33
	1.29	1.7			2.7	2300					
	0.68	0.90			1.8	1700					

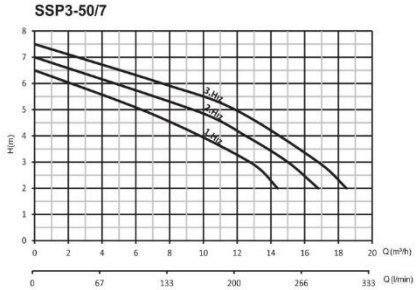
SSP3-40/7



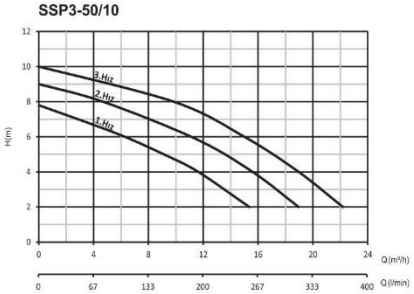
SSP3-40/10



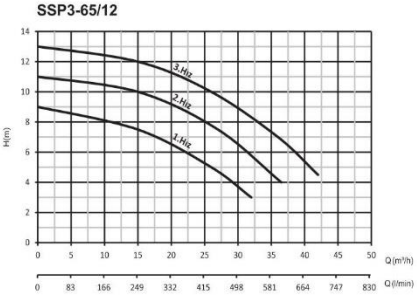
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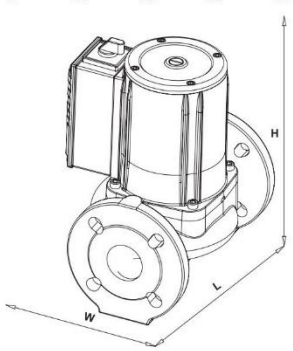


SSP3-50/10



SSP3-65/12





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.



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)

Silence

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

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	:	NORLY
Mil	:	AISI 420

SaveEnergy

SSP-50/10 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 MOTOR TECHNOLOGY
* NIGHT MODE
* MAKSIMUM SAFETY
* EASY TO INSTALL AND OPERATE
* LOW OPERATING COST OPTIONAL OPERATION WITH PRESSURE AND TEMPERATURE CONTROL

DEFINITION

With PN6 / PN10 oval connection hole axis, flange compatible, feature-controlled frequency-controlled drive, is a highly efficient magnetic motor circulation pump that can be operated at variable pressure, constant pressure or manually if desired.

USAGE AREAS

It 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.

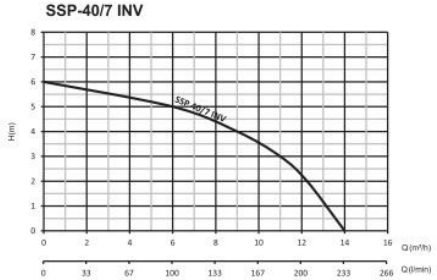
PUMP MATERIAL PROPERTIES

PUMP BODY	PIK GG25
IMPELLER	NORLY
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	-10°C-110°C
PROTECTION CLASS	IP 41
IZOLATION	CLASS F
PRODUCTIVITY INDEX	EE<0.23

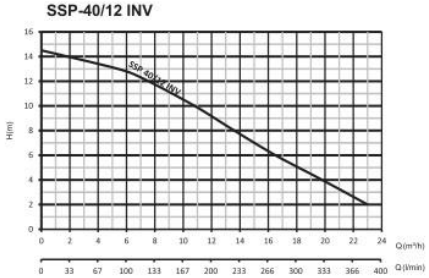
PUMP TECHNICAL PROPERTIES

	MOTOR						PUMP				
TYPE	KW	HP	V THREE	Hz	A THREE	rpm	INPUT OUTPUT	W mm	L mm	H mm	KG
SSP-40/7 INV	0.013	0.017	220	50	0.8	1600	DN 40	185	240	420	19.5
	0.17	0.231				3700					
SSP-40/12 INV	0.035	0.047	220	50	2.5	1400	DN 40	185	240	420	19.5
	0.55	0.75				4600					
SSP-50/9 INV	0.030	0.040	220	50	2.3	1400	DN 50	185	280	430	21
	0.50	0.68				4100					
SSP-50/12 INV	0.035	0.047	220	50	3.3	1400	DN 50	185	280	430	21
	0.73	0.99				4600					
SSP-65/12 INV	0.030	0.040	220	50	4.5	900	DN 65	185	340	445	25.5
	1	1.36				3300					

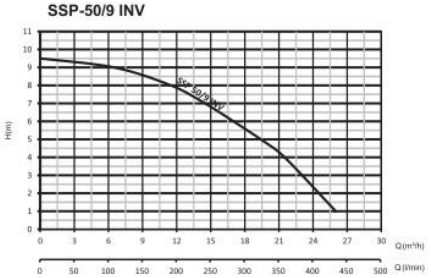
SSP-40/7 INV



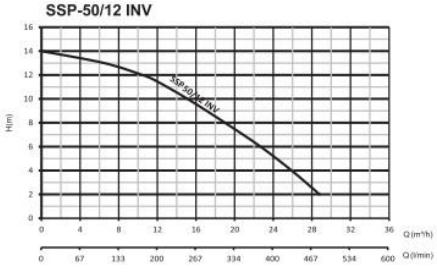
SSP-40/12 INV



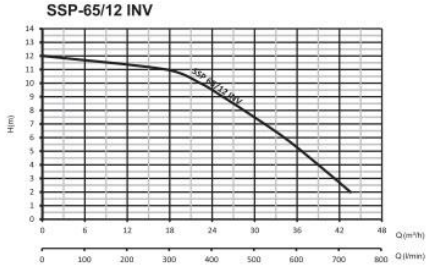
SSP-50/9 INV

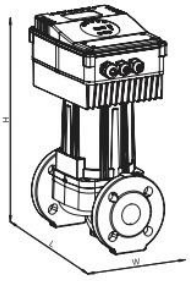


SSP-50/12 INV



SSP-65/12 INV







PUMP TYPE : SCROLL
PUMP BODY : GG25 CASTING
PUMP SHAFT : AISI 304 INOX
MOTOR TYPE : AIR COOLING
FUEL TANK VOLUME : 3,5 lt
ACUMULATOR : 12 V 60 Ah
WEIGHT : 62 kg

DIESEL MOTOPUMPS

TYPE	CYCLE	MOTOR POWER	OPERATING	INPUT	OUTPUT	Max m³/h	Max Hm	m³/h	8	16	24	32	38
DSM300/2 D	3000	4 HP	Weith Starter	2"	2"	38	24	Hm	23	17	13	7	3

New Product



PUMP TYPE : SELF-FLAPPED
PUMP BODY : GG25 CASTING
PUMP SHAFT : AISI 304 INOX
MOTOR TYPE : AIR COOLING
FUEL TANK VOLUME : 3,5 lt
ACUMULATOR : 12 V 60 Ah
WEIGHT : 62 kg

DIESEL MOTOPUMPS

TYPE	CYCLE	MOTOR POWER	OPERATING	INPUT	OUTPUT	Max m³/h	Max Hm	m³/h	10	20	30	40	50
DSMT750/3 D	3000	7.5 HP	Weith Starter	3"	3"	65	32	Hm	30	28	24	20	13



PUMP TYPE : SELF-FLAPPED
PUMP BODY : GG25 CASTING
PUMP SHAFT : AISI 304 INOX
MOTOR TYPE : AIR COOLING
FUEL TANK VOLUME : 6 lt
ACUMULATOR : 12 V 60 Ah
WEIGHT : 66 kg

DIESEL MOTOPUMPS

TYPE	CYCLE	MOTOR POWER	OPERATING	INPUT	OUTPUT	Max m³/h	Max Hm	m³/h	3	9	15	24	30
SMKT750/2 D	3000	7.5 HP	Weith Starter	2"	2"	32	66	Hm	65	63	59	46	30

New Product



PUMP TYPE : SCROLL
PUMP BODY : GG25 CASTING
PUMP SHAFT : AISI 304 INOX
MOTOR TYPE : AIR COOLING
FUEL TANK VOLUME : 6 lt
ACUMULATOR : 12 V 60 Ah
WEIGHT : 66 kg

DIESEL MOTOPUMPS

TYPE	CYCLE	MOTOR POWER	OPERATING	INPUT	OUTPUT	Max m³/h	Max Hm	m³/h	5	10	13	14	15
SMKT750 D	3000	7.5 HP	Weith Starter	1 1/2	1 1/2	17	87	Hm	82	79	70	63	51



PUMP TYPE : SCROLL
PUMP BODY : GG25 CASTING
PUMP SHAFT : AISI 304 INOX
MOTOR TYPE : AIR COOLING
FUEL TANK VOLUME : 6 lt
ACUMULATOR : 12 V 60 Ah
WEIGHT : 98 kg

DIESEL MOTOPUMPS

TYPE	CYCLE	MOTOR POWER	OPERATING	INPUT	OUTPUT	Max m^3/h	Max Hm	m^3/h	25	35	45	55	65
SMT1000/3 D	3000	7.5 HP	Weith Starter	3"	$2^{1/2}$	55	53	Hm	49	42	33	-	-



PUMP TYPE : SELF-FLAPPED
PUMP BODY : GG25 CASTING
PUMP SHAFT : AISI 304 INOX
MOTOR TYPE : AIR COOLING
FUEL TANK VOLUME : 6 lt
ACUMULATOR : 12 V 60 Ah
WEIGHT : 92 kg

DIESEL MOTOPUMPS

TYPE	CYCLE	MOTOR POWER	OPERATING	INPUT	OUTPUT	Max m^3/h	Max Hm	m^3/h	60	73	83	100	120
SMT750/4 D	3000	7.5 HP	Weith Starter	4"	4"	120	21.5	Hm	20	18	16	12	6



PUMP TYPE : STAGED
PUMP BODY : GG25 CASTING
PUMP SHAFT : AISI 304 INOX
MOTOR TYPE : AIR COOLING
FUEL TANK VOLUME : 6 lt
ACUMULATOR : 12 V 60 Ah
WEIGHT : 178 kg

DIESEL MOTOPUMPS

TYPE	CYCLE	MOTOR POWER	OPERATING	INPUT	OUTPUT	Max m^3/h	Max Hm	m^3/h	6	8	10	12	16
SYT32/5 D	3000	7.5 HP	Weith Starter	$1^{1/2}$	$1^{1/4}$	17	125	Hm	122	121	118	110	88



PUMP TYPE : SCROOL
PUMP BODY : GG 25 CASTING
PUMP SHAFT : AISI 304 INOX
MOTOR TYPE : AIR COOLING
FUEL TANK VOLUME : 3.5 lt
ACUMULATOR : 12 V 60 Ah
WEIGHT : 62 kg

GASOLINE MOTOPUMPS

TYPE	CYCLE	MOTOR POWER	OPERATING	INPUT	OUTPUT	Max m^3/h	Max Hm	m^3/h	25	35	45	55	65
SMT550/3 B	3000	4 HP	Weith Starter	3"	$2^{1/2}$	70	34	Hm	32	30	27	22	15

SM6-S



DEFINITION

They are preferential pumps designed to work in hot water with automatic switch.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

Such pumps are ideal pumps for pressurizing 0-80 ° C hot water produced in solar energy systems.
In addition, when the mains pressure is insufficient in the houses, it is directly connected to the mains line and supplies pressurized water. Appliances such as washing machines, dishwashers, and thermosiphons or combi boilers provide a definite solution to the problem of inactivity due to inadequate water pressure. It is a flow key and automatically switches on and off according to the required pressure.

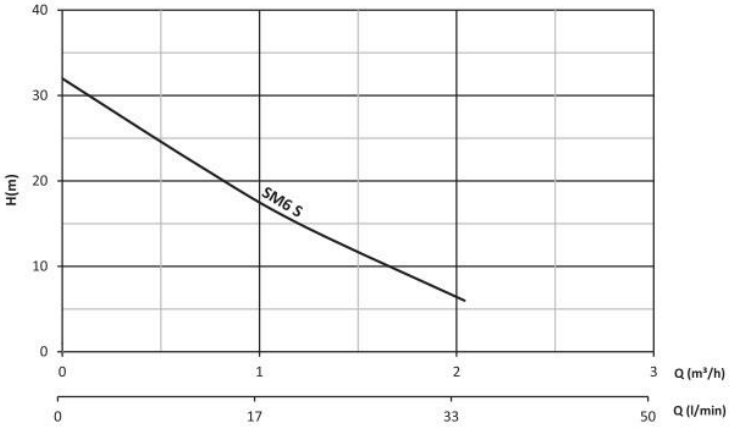
PUMP MATERIAL PROPERTIES

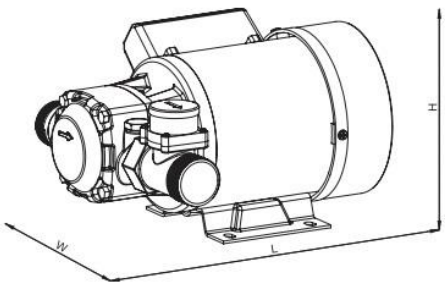
PUMP BODY	GG25 CASTING
IMPELLER	BRONZE
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-80°C
PROTECTION CLASS	IP 54
IZOLATION	CI.F
MECHANICAL SEAL	CERAMIC/CARBON

THERMAL PROTECTION IS AVAILABLE IN MONOPHASE MODELS AGAINST OVERLOADS.

PUMP TECHNICAL PROPERTIES

MOTOR									PUMP										
TYPE	KW	HP	V	Hz	A	rpm	CAPACITOR uf	Vc	INPUT OUTPUT	W mm	L mm	H mm	KG	m³/h	0.3	0.6	0.9	1.2	2
SM6-S	0.37	0.5	220	50	1.7	2900	8	450	1"	220	240	140	7	Hm	26	21	18	14	7





HOT WATER MINI BOOSTER

SM7-S H



DEFINITION

They are preferential pumps hot water mini packet water booster.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These pumps are ideal pumps for pressurizing buildings maximum 1 apartments and 2 floors, 0-80 ° C hot water produced in solar energy systems.

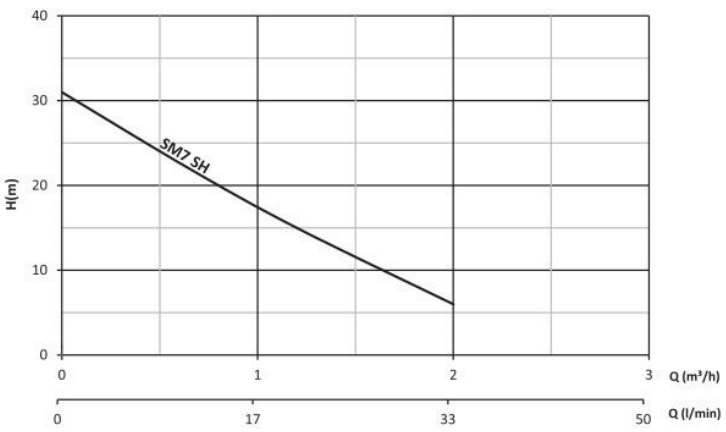
PUMP MATERIAL PROPERTIES

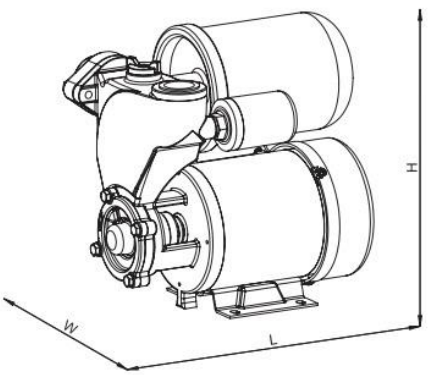
PUMP BODY	GG25 CASTING
IMPELLER	BRONZE
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-80°C
PROTECTION CLASS	IP 54
IZOLATION	CI.F
MECHANICAL SEAL	CERAMIC/CARBON

THERMAL PROTECTION IS AVAILABLE IN MONOPHASE MODELS AGAINST OVERLOADS.

PUMP TECHNICAL PROPERTIES

MOTOR									PUMP											
TYPE	KW	HP	V	Hz	A	rpm	CAPACITOR uf	Vc	INPUT OUTPUT	W mm	L mm	H mm	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"	190	240	255	8	Hm	26	21	18	14	7	





SUMAK®

HORIZONTAL SHAFT MULTI STAGE PUMPS



















HORIZONTAL SHAFT MULTI STAGE PUMPS

SYM8-220/6



DEFINITION

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

USAGE AREAS

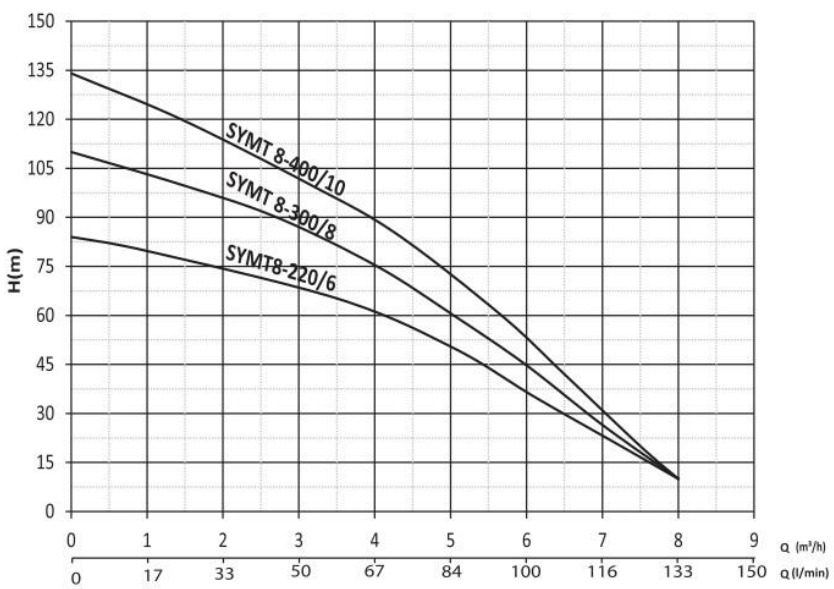
These types of pumps using up to maximum 135 m height pressured water for irrigation agricultural and drip page, for water booster in in industrial plants, treatment plants, garden sprinkler systems, water parks, gasoline and car wash stations.

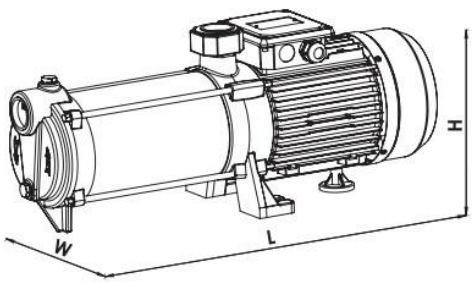
PUMP MATERIAL PROPERTIES

PUMP BODY	AISI 304 INOX
IMPELLER	NORLY
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
IZOLATION	CI.F
MECHANICAL SEAL	SIC / SIC

PUMP TECHNICAL PROPERTIES

MOTOR											PUMP										
TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	INPUT OUTPUT	W mm	L mm	H mm	KG	m³/h	1	3	5	6	7
SYM8-220/6 SYT8-220/6	1.6	2.2	220	380	50	10	4.8	2900	45	450	1 1/4 1 1/4	205	528	240	24.5	Hm	84	74	55	45	30
SYT8-300/8	2.2	3	-	380	50	-	5.4	2900	-	-	1 1/4 1 1/4	195	534	240	25.5		105	92	70	55	35
SYT8-400/10	3	4	-	380	50	-	6.4	2900	-	-	1 1/4 1 1/4	195	540	240	28		128	110	80	62	40





HORIZONTAL SHAFT MULTI STAGE PUMPS

SYM12-220/4



DEFINITION

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

USAGE AREAS

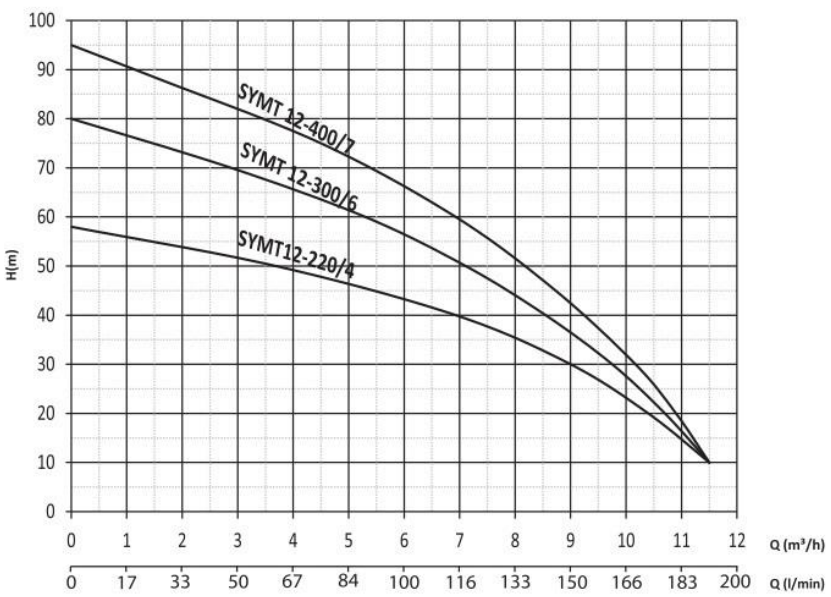
These types of pumps using up to maximum 95 m height pressured water for irrigation agricultural and drip page, for water booster in in industrial plants, treatment plants, garden sprinkler systems, water parks, gasoline and car wash stations.

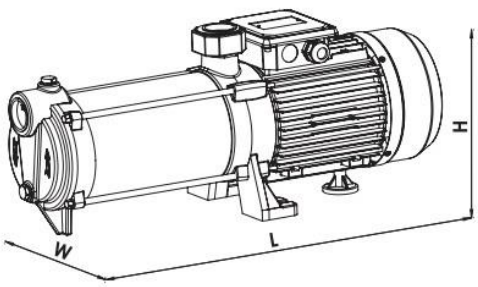
PUMP MATERIAL PROPERTIES

PUMP BODY	AISI 304 INOX
IMPELLER	NORLY
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
IZOLATION	CI.F
MECHANICAL SEAL	SIC / SIC

PUMP TECHNICAL PROPERTIES

MOTOR											PUMP										
TYPE	KW	HP	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	INPUT OUTPUT	W mm	L mm	H mm	KG	m³/h	2	4	6	8	10
SYM12-220/4 SYT12-220/4	1.6	2.2	220	380	50	11	5.5	2900	45	450	1 1/4 1 1/4	205	526	240	21.5	Hm	57	53	50	43	32
SYT12-300/6	2.2	3	-	380	50	-	5.7	2900	-	-	1 1/4 1 1/4	195	534	240	24		78	72	63	53	38
SYT12-400/7	3	4	-	380	50	-	6.4	2900	-	-	1 1/4 1 1/4	195	595	235	26		92	88	78	65	48





HORIZONTAL SHAFT MULTI STAGE PUMPS 2900 RPM

SYT32



DEFINITION

Horizontal shaft multi-stage casting pumps
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These pumps are used in agricultural irrigation, pressurized water supply, boiler feed heating and cooling systems, industrial, water transfer stations, treatment plants, water booster systems, fire systems and clean water supply.



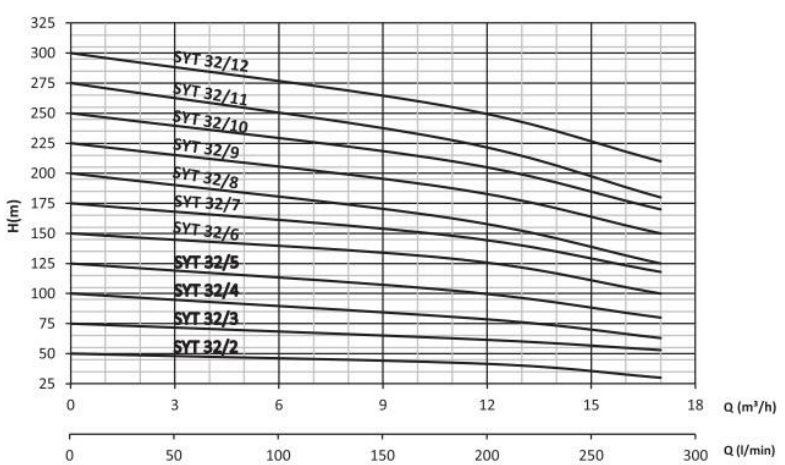
PUMP MATERIAL PROPERTIES

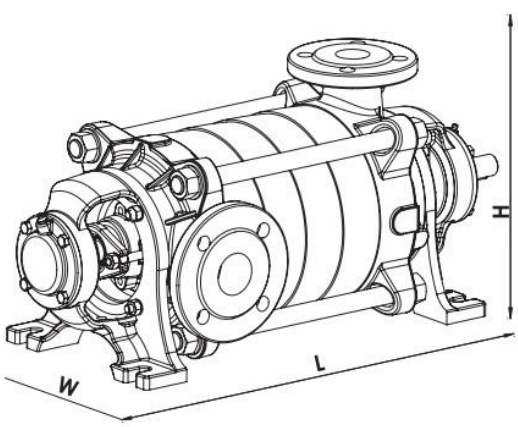
PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C - *120°C
IMPERMEABILITY	SOFT SEAL / MECHANICAL SEAL
INLET FLANGE	DN 40 PN 16
OUTLET FLANGE	DN 32 PN 16

PUMP TECHNICAL PROPERTIES

MOTOR					PUMP													
TYPE	KW	V	Hz	rpm	STAGE NUMBER	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	6	8	10	12	16
SYT32/2	4	380	50	2900	2	1 1/2	1 1/4	285	520	284	45	Hm	48	47	46	44	35
SYT32/3	5.5	380	50	2900	3	1 1/2	1 1/4	285	563	284	53		73	72	70	65	52
SYT32/4	5.5	380	50	2900	4	1 1/2	1 1/4	285	606	284	62		98	95	91	86	68
SYT32/5	7.5	380	50	2900	5	1 1/2	1 1/4	285	649	284	69		123	120	115	110	85
SYT32/6	11	380	50	2900	6	1 1/2	1 1/4	285	692	284	76		147	145	139	130	106
SYT32/7	11	380	50	2900	7	1 1/2	1 1/4	285	735	284	84		162	152	150	140	125
SYT32/8	11	380	50	2900	8	1 1/2	1 1/4	285	778	284	92		180	175	162	155	135
SYT32/9	15	380	50	2900	9	1 1/2	1 1/4	285	821	284	100		205	200	188	180	155
SYT32/10	15	380	50	2900	10	1 1/2	1 1/4	285	864	284	108		230	223	213	205	176
SYT32/11	18.5	380	50	2900	11	1 1/2	1 1/4	285	907	284	118		250	246	229	220	185
SYT32/12	18.5	380	50	2900	12	1 1/2	1 1/4	285	950	284	128		275	263	261	250	215

*Optionally it can be produced as until 120° C for use in hot water applications.
NOTE: Measurements and kg's in the table are belongs only to pump. (Except motor and chassis)





HORIZONTAL SHAFT MULTI STAGE PUMPS 2900 RPM

SYT40



DEFINITION

Horizontal shaft multi-stage CASTING pumps
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These pumps are used in agricultural irrigation, pressurized water supply, boiler feed heating and cooling systems, industrial, water transfer stations, treatment plants, water booster systems, fire systems and clean water supply.



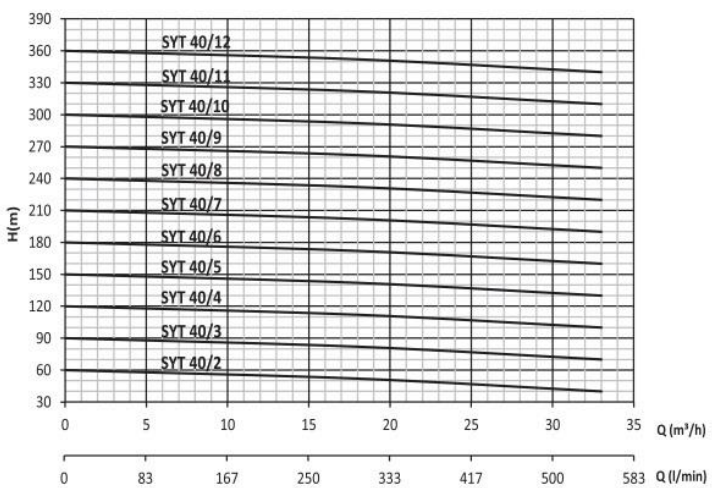
PUMP MATERIAL PROPERTIES

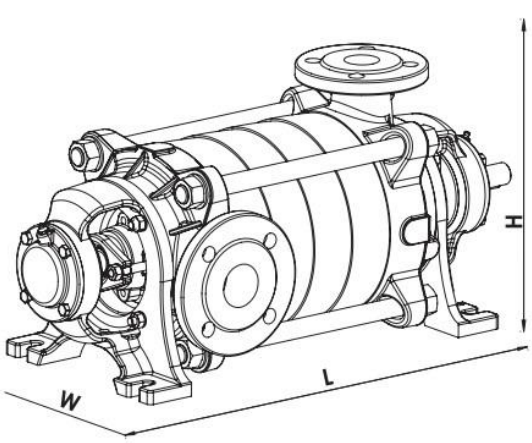
PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C - *120°C
IMPERMEABILITY	SOFT SEAL / MECHANICAL SEAL
INLET FLANGE	DN 50 PN 16
OUTLET FLANGE	DN 42 PN 16

PUMP TECHNICAL PROPERTIES

MOTOR					PUMP												
TYPE	KW	V	Hz	rpm	STAGE NUMBER	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	10	15	20	25	30
SYT40/2	7.5	380	50	2900	2	2"	1 1/2	335	536	335	55	Hm	55	52	50	48	42
SYT40/3	11	380	50	2900	3	2"	1 1/2	335	591	335	65		85	82	80	78	72
SYT40/4	15	380	50	2900	4	2"	1 1/2	335	646	335	75		115	112	110	108	102
SYT40/5	18.5	380	50	2900	5	2"	1 1/2	335	701	335	85		145	142	140	138	132
SYT40/6	22	380	50	2900	6	2"	1 1/2	335	756	335	96		175	172	170	168	162
SYT40/7	30	380	50	2900	7	2"	1 1/2	335	811	335	106.5		205	202	200	198	192
SYT40/8	30	380	50	2900	8	2"	1 1/2	335	866	335	118		235	232	230	228	222
SYT40/9	37	380	50	2900	9	2"	1 1/2	335	921	335	129.5		265	262	260	258	252
SYT40/10	45	380	50	2900	10	2"	1 1/2	335	976	335	141		295	292	290	288	282
SYT40/11	45	380	50	2900	11	2"	1 1/2	335	1031	335	153.5		325	322	320	318	312
SYT40/12	55	380	50	2900	12	2"	1 1/2	335	1086	335	165		355	352	350	348	342

*Optionally it can be produced as until 120° C for use in hot water applications.
NOTE: Measurements and kg's in the table are belongs only to pump. (Except motor and chassis)





HORIZONTAL SHAFT MULTI STAGE PUMPS 2900 RPM

SYT50



DEFINITION

Horizontal shaft multi-stage CASTING pumps
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These pumps are used in agricultural irrigation, pressurized water supply, boiler feed heating and cooling systems, industrial, water transfer stations, treatment plants, water booster systems, fire systems and clean water supply.



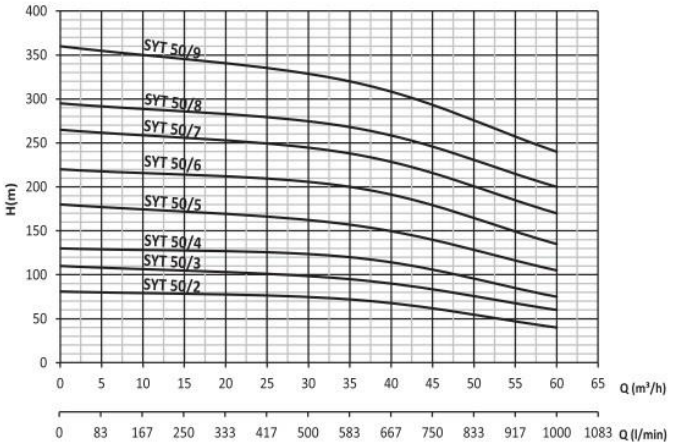
PUMP MATERIAL PROPERTIES

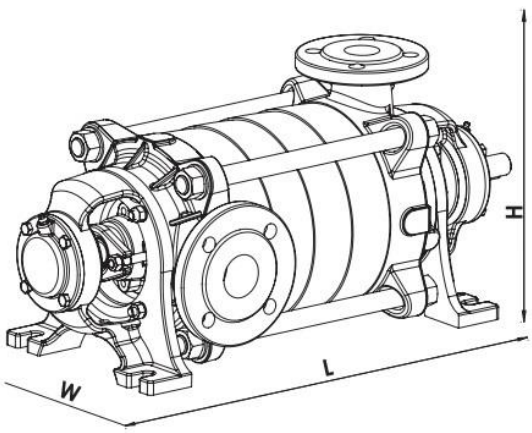
PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45^{0}C - *120^{0}C
IMPERMEABILITY	SOFT SEAL / MECHANICAL SEAL
INLET FLANGE	DN 65 PN 16
OUTLET FLANGE	DN 50 PN 16

PUMP TECHNICAL PROPERTIES

MOTOR					PUMP											
TYPE	KW	V	Hz	rpm	STAGE NUMBER	INPUT	OUTPUT	W mm	L mm	H mm	KG	m^3/h	35	40	45	50
SYT50/2	15	380	50	2900	2	2 1/2	2"	350	581	350	94	Hm	72	65	60	50
SYT50/3	18.5	380	50	2900	3	2 1/2	2"	350	643	350	112		95	87	80	75
SYT50/4	22	380	50	2900	4	2 1/2	2"	350	705	350	130		120	110	100	85
SYT50/5	30	380	50	2900	5	2 1/2	2"	350	767	350	148		157	150	145	139
SYT50/6	37	380	50	2900	6	2 1/2	2"	350	829	350	166		200	192	182	170
SYT50/7	45	380	50	2900	7	2 1/2	2"	350	891	350	185		238	230	218	205
SYT50/8	55	380	50	2900	8	2 1/2	2"	350	953	350	203		268	260	250	236
SYT50/9	75	380	50	2900	9	2 1/2	2"	350	1015	350	222		320	310	298	280

*Optionally it can be produced as until 120^0 C for use in hot water applications.
NOTE: Measurements and kg's in the table are belongs only to pump. (Except motor and chassis)





HORIZONTAL SHAFT MULTI STAGE PUMPS 2900 RPM

SYT65



DEFINITION

Horizontal shaft multi-stage CASTING pumps
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These pumps are used in agricultural irrigation, pressurized water supply, boiler feed heating and cooling systems, industrial, water transfer stations, treatment plants, water booster systems, fire systems and clean water supply.



PUMP MATERIAL PROPERTIES

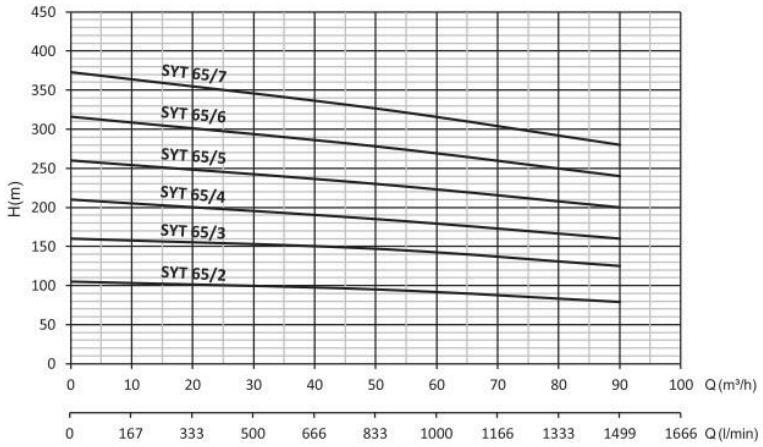
PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C - *120°C
IMPERMEABILITY	SOFT SEAL / MECHANICAL SEAL
INLET FLANGE	DN 80 PN 16
OUTLET FLANGE	DN 65 PN 16

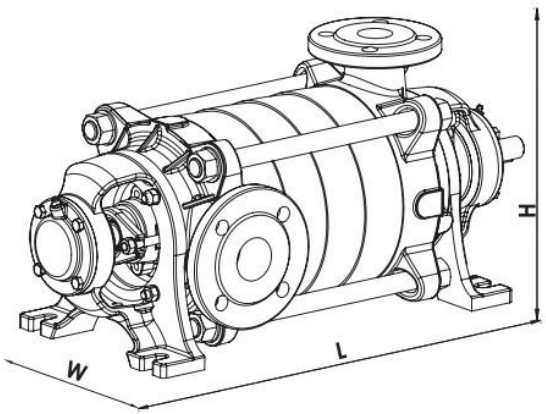
PUMP TECHNICAL PROPERTIES

MOTOR					PUMP											
TYPE	KW	V	Hz	rpm	STAGE NUMBER	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	60	70	80	90
SYT65/2	37	380	50	2900	2	3"	2 1/2	395	644	395	110	Hm	100	91	88	84
SYT65/3	55	380	50	2900	3	3"	2 1/2	395	715	395	132		150	142	138	137
SYT65/4	75	380	50	2900	4	3"	2 1/2	395	786	395	154		190	175	166	160
SYT65/5	90	380	50	2900	5	3"	2 1/2	395	857	395	176		240	218	210	200
SYT65/6	110	380	50	2900	6	3"	2 1/2	395	928	395	198		290	260	250	240
SYT65/7	110	380	50	2900	7	3"	2 1/2	395	999	395	220		340	302	290	280

*Optionally it can be produced as until 120° C for use in hot water applications.

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





HORIZONTAL SHAFT MULTI STAGE PUMPS 2900 RPM

SYT80



DEFINITION

Horizontal shaft multi-stage casting pumps
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These pumps are used in agricultural irrigation, pressurized water supply, boiler feed heating and cooling systems, industrial, water transfer stations, treatment plants, water booster systems, fire systems and clean water supply.



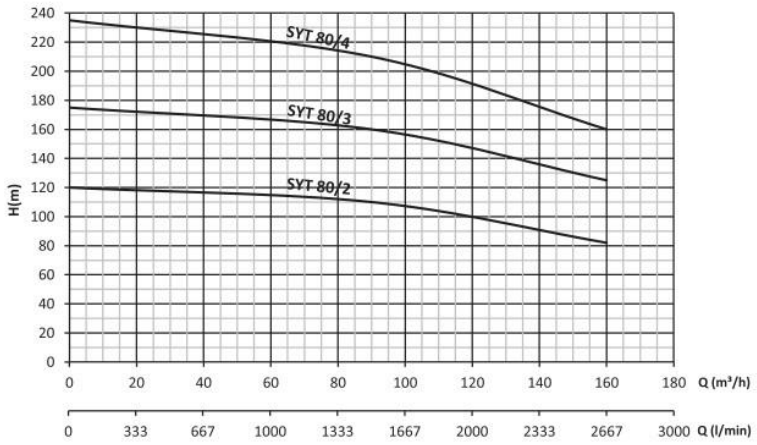
PUMP MATERIAL PROPERTIES

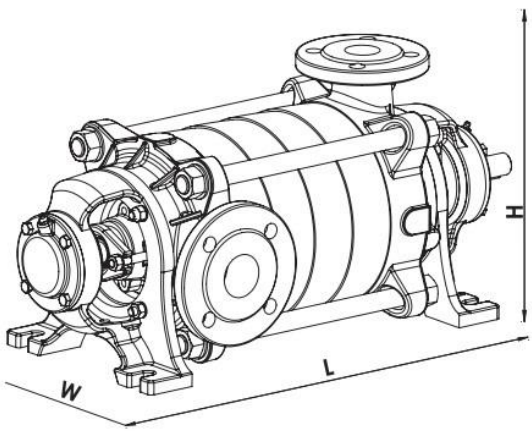
PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C - *120°C
IMPERMEABILITY	SOFT SEAL / MECHANICAL SEAL
INLET FLANGE	DN 100 PN 16
OUTLET FLANGE	DN 80 PN 16

PUMP TECHNICAL PROPERTIES

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

*Optionally it can be produced as until 120° C for use in hot water applications.
NOTE: Measurements and kg's in the table are belongs only to pump. (Except motor and chassis)





HORIZONTAL SHAFT END-SUCTION MUTLI-STAGE PUMPS 2900 RPM

SYT32/2E



DEFINITION

Horizontal shaft multi-stage CASTING pumps with end-suction
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These pumps lift the elbow losses from the centre, non-abrasive, non-hard or soft particles inside, low viscosity and low-density fluids. Besides, they are used in agricultural irrigation, pressurized water supply, boiler feed heating and cooling systems, industrial, water transfer stations, treatment plants, water booster systems, fire systems and clean water supply.



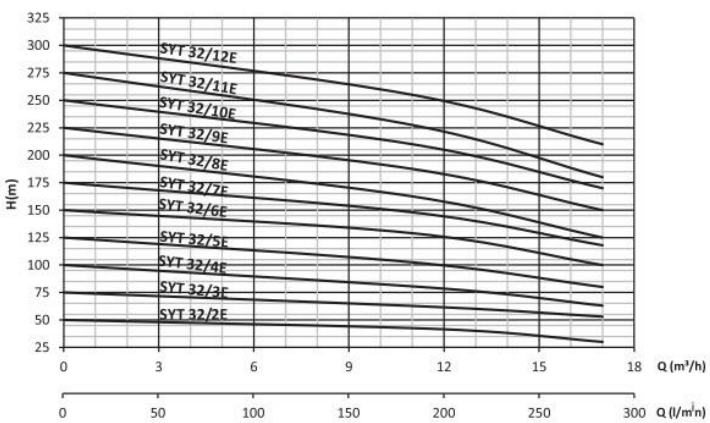
PUMP MATERIAL PROPERTIES

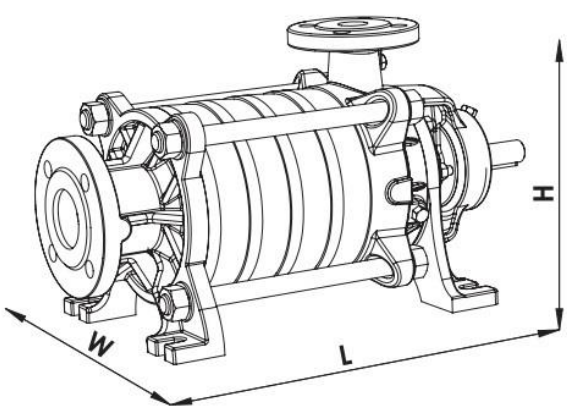
PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C - *120°C
IMPERMEABILITY	SOFT SEAL / MECHANICAL SEAL
INLET FLANGE	DN 40 PN 16
OUTLET FLANGE	DN 32 PN 16

PUMP TECHNICAL PROPERTIES

MOTOR					PUMP												
TYPE	KW	V	Hz	rpm	STAGE NUMBER	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	6	8	10	12	16
SYT32/2E	4	380	50	2900	2	2"	1 1/4	260	416	297	45	Hm	48	42	46	44	35
SYT32/3E	5.5	380	50	2900	3	2"	1 1/4	260	464	297	53		73	72	70	65	52
SYT32/4E	5.5	380	50	2900	4	2"	1 1/4	260	512	297	61		98	95	91	86	68
SYT32/5E	7.5	380	50	2900	5	2"	1 1/4	260	560	297	69		123	120	115	110	85
SYT32/6E	11	380	50	2900	6	2"	1 1/4	260	608	297	77		147	145	139	130	106
SYT32/7E	11	380	50	2900	7	2"	1 1/4	260	656	297	85		162	152	150	140	125
SYT32/8E	11	380	50	2900	8	2"	1 1/4	260	704	297	93		180	175	162	155	135
SYT32/9E	15	380	50	2900	9	2"	1 1/4	260	752	297	101		205	200	188	180	155
SYT32/10E	15	380	50	2900	10	2"	1 1/4	260	800	297	109		230	223	213	205	176
SYT32/11E	18.5	380	50	2900	11	2"	1 1/4	260	848	297	117		250	246	229	220	185
SYT32/12E	18.5	380	50	2900	12	2"	1 1/4	260	896	297	125		275	263	261	250	215

*Optionally it can be produced as until 120° C for use in hot water applications.
NOTE: Measurements and kg's in the table are belongs only to pump. (Except motor and chassis)





HORIZONTAL SHAFT END-SUCTION MUTLI-STAGE PUMPS 2900 RPM

SYT40/2E



DEFINITION

Horizontal shaft multi-stage CASTING pumps with end-suction
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These pumps lift the elbow losses from the centre, non-abrasive, non-hard or soft particles inside, low viscosity and low-density fluids. Besides, they are used in agricultural irrigation, pressurized water supply, boiler feed heating and cooling systems, industrial, water transfer stations, treatment plants, water booster systems, fire systems and clean water supply.



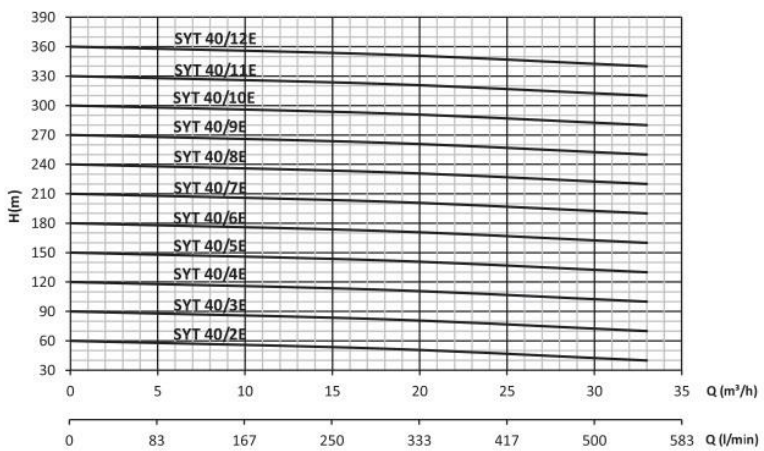
PUMP MATERIAL PROPERTIES

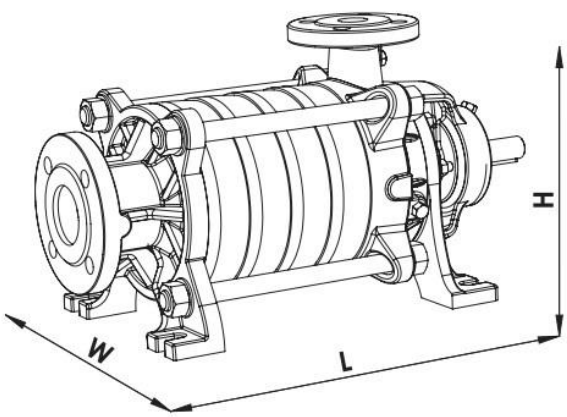
PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C - *120°C
IMPERMEABILITY	SOFT SEAL / MECHANICAL SEAL
INLET FLANGE	DN 50 PN 16
OUTLET FLANGE	DN 40 PN 16

PUMP TECHNICAL PROPERTIES

MOTOR					PUMP												
TYPE	KW	V	Hz	rpm	STAGE NUMBER	OUTPUT	INPUT	W mm	L mm	H mm	KG	m³/h	10	15	20	25	30
SYT40/2E	7.5	380	50	2900	2	2 1/2	1 1/2	260	440	305	51	Hm	55	52	50	48	42
SYT40/3E	11	380	50	2900	3	2 1/2	1 1/2	260	495	305	61		85	82	80	78	72
SYT40/4E	15	380	50	2900	4	2 1/2	1 1/2	260	550	305	71		115	112	110	108	102
SYT40/5E	18.5	380	50	2900	5	2 1/2	1 1/2	260	605	305	82		145	142	140	138	132
SYT40/6E	22	380	50	2900	6	2 1/2	1 1/2	260	660	305	92		175	172	170	168	162
SYT40/7E	30	380	50	2900	7	2 1/2	1 1/2	260	715	305	103		205	202	200	198	192
SYT40/8E	30	380	50	2900	8	2 1/2	1 1/2	260	770	305	113		235	232	230	228	222
SYT40/9E	37	380	50	2900	9	2 1/2	1 1/2	260	825	305	124		265	262	260	258	252
SYT40/10E	45	380	50	2900	10	2 1/2	1 1/2	260	880	305	134		295	292	290	288	282
SYT40/11E	45	380	50	2900	11	2 1/2	1 1/2	260	935	305	145		325	322	320	318	312
SYT40/12E	55	380	50	2900	12	2 1/2	1 1/2	260	990	305	155		355	252	250	348	342

* Optionally it can be produced as until 120° C for use in hot water applications.
NOTE: Measurements and kg's in the table are belongs only to pump. (Except motor and chassis)





HORIZONTAL SHAFT END-SUCTION MUTLI-STAGE PUMPS 2900 RPM

SYT50/2E



DEFINITION

Horizontal shaft multi-stage CASTING pumps with end-suction
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These pumps lift the elbow losses from the centre, non-abrasive, non-hard or soft particles inside, low viscosity and low-density fluids. Besides, they are used in agricultural irrigation, pressurized water supply, boiler feed heating and cooling systems, industrial, water transfer stations, treatment plants, water booster systems, fire systems and clean water supply.



PUMP MATERIAL PROPERTIES

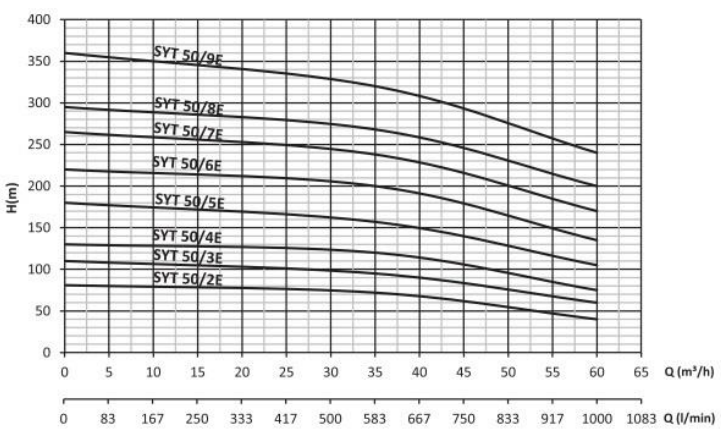
PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C - *120°C
IMPERMEABILITY	SOFT SEAL / MECHANICAL SEAL
INLET FLANGE	DN 65 PN 16
OUTLET FLANGE	DN 50 PN 16

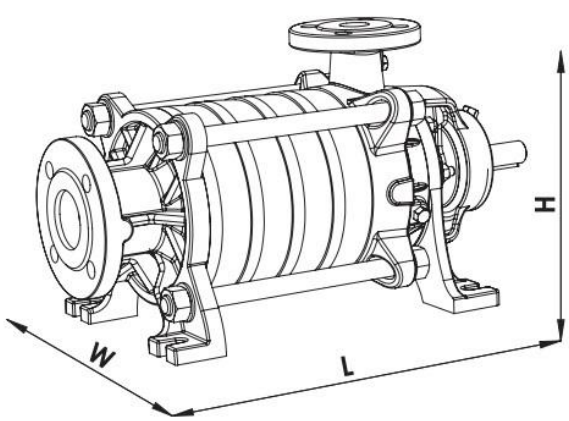
PUMP TECHNICAL PROPERTIES

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

* Optionally it can be produced as until 120° C for use in hot water applications.

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





HORIZONTAL SHAFT END-SUCTION MUTLI-STAGE PUMPS 2900 RPM

SYT65/2E



DEFINITION

Horizontal shaft multi-stage CASTING pumps with end-suction
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These pumps lift the elbow losses from the centre, non-abrasive, non-hard or soft particles inside, low viscosity and low-density fluids. Besides, they are used in agricultural irrigation, pressurized water supply, boiler feed heating and cooling systems, industrial, water transfer stations, treatment plants, water booster systems, fire systems and clean water supply.



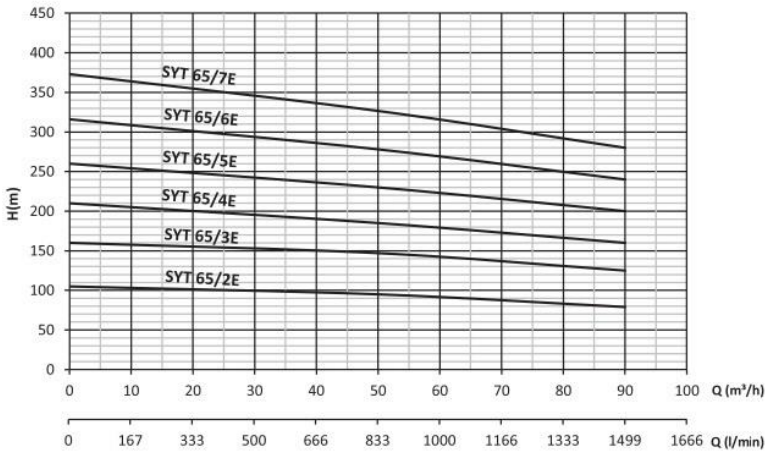
PUMP MATERIAL PROPERTIES

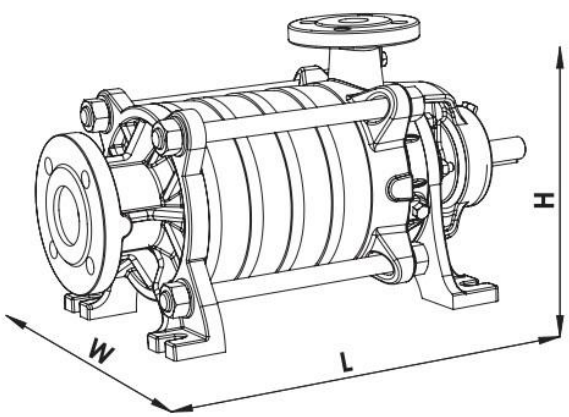
PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C - *120°C
IMPERMEABILITY	SOFT SEAL / MECHANICAL SEAL
INLET FLANGE	DN 80 PN 16
OUTLET FLANGE	DN 65 PN 16

PUMP TECHNICAL PROPERTIES

MOTOR					PUMP											
TYPE	KW	V	Hz	rpm	STAGE NUMBER	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	35	70	80	90
SYT65/2E	37	380	50	2900	2	4"	2 1/2	395	554	395	93	Hm	100	91	88	84
SYT65/3E	55	380	50	2900	3	4"	2 1/2	395	625	395	116		150	142	138	137
SYT65/4E	75	380	50	2900	4	4"	2 1/2	395	696	395	138		190	175	166	160
SYT65/5E	90	380	50	2900	5	4"	2 1/2	395	767	395	161		240	218	210	200
SYT65/6E	110	380	50	2900	6	4"	2 1/2	395	838	395	183		290	260	250	240
SYT65/7E	110	380	50	2900	7	4"	2 1/2	395	909	395	206		340	302	290	280

* Optionally it can be produced as until 120° C for use in hot water applications.
NOTE: Measurements and kg's in the table are belongs only to pump. (Except motor and chassis)





HORIZONTAL SHAFT MULTI STAGE PUMPS 1450 RPM

SYT32



DEFINITION

Horizontal shaft multi-stage CASTING pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These pumps are used in agricultural irrigation, pressurized water supply, boiler feed heating and cooling systems, industrial, water transfer stations, treatment plants, water booster systems, fire systems and clean water supply.



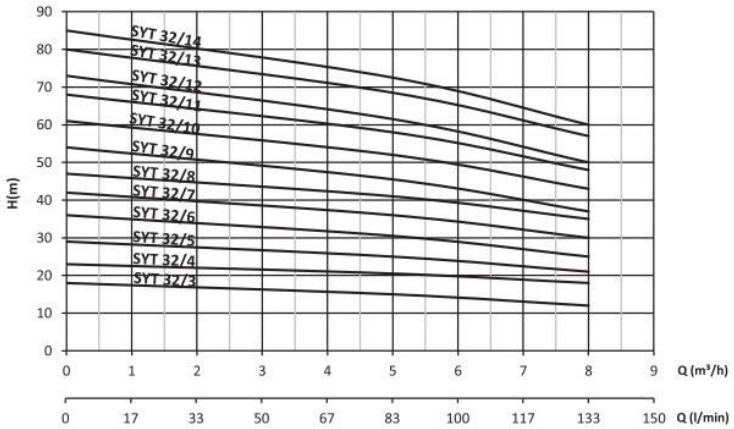
PUMP MATERIAL PROPERTIES

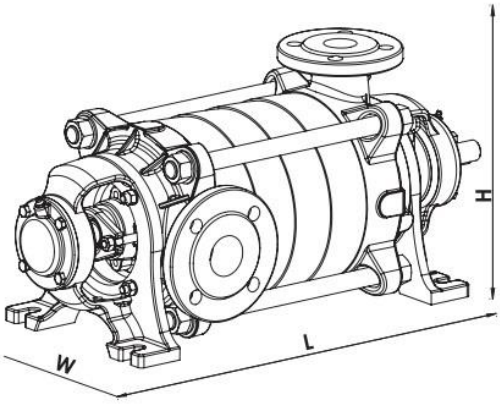
PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C - *120°C
IMPERMEABILITY	SOFT SEAL / MECHANICAL SEAL
INLET FLANGE	DN 40 PN 16
OUTLET FLANGE	DN 32 PN 16

PUMP TECHNICAL PROPERTIES

MOTOR					PUMP												
TYPE	KW	V	Hz	rpm	STAGE NUMBER	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	4	5	6	7	8
SYT32/3	0.75	380	50	1450	3	1 1/2	1 1/4	285	563	284	53	Hm	15	14	13.5	12	11
SYT32/4	1.1	380	50	1450	4	1 1/2	1 1/4	285	606	284	62		21	20	19.5	19	18
SYT32/5	1.1	380	50	1450	5	1 1/2	1 1/4	285	649	284	69		26	25	24	22	21
SYT32/6	1.5	380	50	1450	6	1 1/2	1 1/4	285	692	284	76		31	30	29	28	26
SYT32/7	1.5	380	50	1450	7	1 1/2	1 1/4	285	735	284	84		36	35	34.5	32	30
SYT32/8	2.2	380	50	1450	8	1 1/2	1 1/4	285	778	284	92		42	41	39.5	38	35
SYT32/9	2.2	380	50	1450	9	1 1/2	1 1/4	285	821	284	100		47	45	44	40	38
SYT32/10	2.2	380	50	1450	10	1 1/2	1 1/4	285	864	284	108		54	52	49.5	45	42
SYT32/11	3	380	50	1450	11	1 1/2	1 1/4	285	907	284	118		60	58	55	51	48
SYT32/12	3	380	50	1450	12	1 1/2	1 1/4	285	950	284	128		63	61	57	53	50
SYT32/13	3	380	50	1450	13	1 1/2	1 1/4	285	993	284	138		71	68	65	60	57
SYT32/14	4	380	50	1450	14	1 1/2	1 1/4	285	1036	284	147		75	71	69	64	60

*Optionally it can be produced as until 120° C for use in hot water applications.
NOTE: Measurements and kg's in the table are belongs only to pump. (Except motor and chassis)





HORIZONTAL SHAFT MULTI STAGE PUMPS 1450 RPM

SUMAK®

SYT40



DEFINITION

Horizontal shaft multi-stage CASTING pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These pumps are used in agricultural irrigation, pressurized water supply, boiler feed heating and cooling systems, industrial, water transfer stations, treatment plants, water booster systems, fire systems and clean water supply.



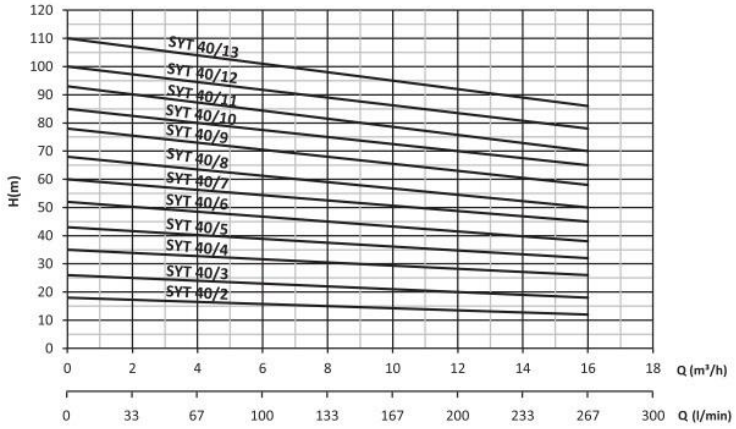
PUMP MATERIAL PROPERTIES

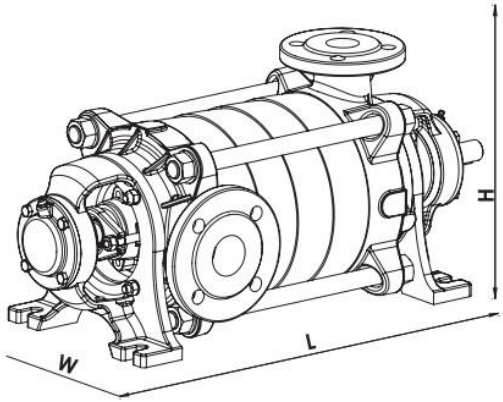
PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C - *120°C
IMPERMEABILITY	SOFT SEAL / MECHANICAL SEAL
INLET FLANGE	DN 50 PN 16
OUTLET FLANGE	DN 40 PN 16

PUMP TECHNICAL PROPERTIES

MOTOR					PUMP												
TYPE	KW	Hz	V	rpm	STAGE NUMBER	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	8	10	12	14	16
SYT40/2	1.1	50	380	1450	2	2"	1 1/2	335	536	335	55	Hm	15	14	13	12	11
SYT40/3	1.5	50	380	1450	3	2"	1 1/2	335	591	335	65		21	20	19.5	18	17
SYT40/4	2.2	50	380	1450	4	2"	1 1/2	335	646	335	75		30	29	28	27	25
SYT40/5	3	50	380	1450	5	2"	1 1/2	335	701	335	85.5		37	35	34.5	32	31
SYT40/6	3	50	380	1450	6	2"	1 1/2	335	756	335	96		45	43	41	40	39
SYT40/7	4	50	380	1450	7	2"	1 1/2	335	811	335	106.5		52	50	48	46	45
SYT40/8	4	50	380	1450	8	2"	1 1/2	335	866	335	118		59	56	54.5	51	50
SYT40/9	5.5	50	380	1450	9	2"	1 1/2	335	921	335	129.5		67	65	63	60	58
SYT40/10	5.5	50	380	1450	10	2"	1 1/2	335	976	335	141		75	72	70	68	65
SYT40/11	5.5	50	380	1450	11	2"	1 1/2	335	1031	335	153.5		81	78	75	74	74
SYT40/12	7.5	50	380	1450	12	2"	1 1/2	335	1086	335	165		89	85	83	80	78
SYT40/13	7.5	50	380	1450	13	2"	1 1/2	335	1141	335	177		98	95	91	89	86

*Optionally it can be produced as until 120° C for use in hot water applications.
NOTE: Measurements and kg's in the table are belongs only to pump. (Except motor and chassis)





HORIZONTAL SHAFT MULTI STAGE PUMPS 1450 RPM

SYT50



DEFINITION

Horizontal shaft multi-stage CASTING pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These pumps are used in agricultural irrigation, pressurized water supply, boiler feed heating and cooling systems, industrial, water transfer stations, treatment plants, water booster systems, fire systems and clean water supply.



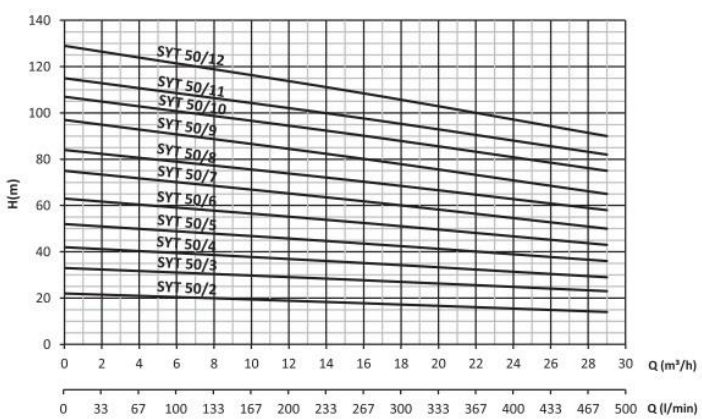
PUMP MATERIAL PROPERTIES

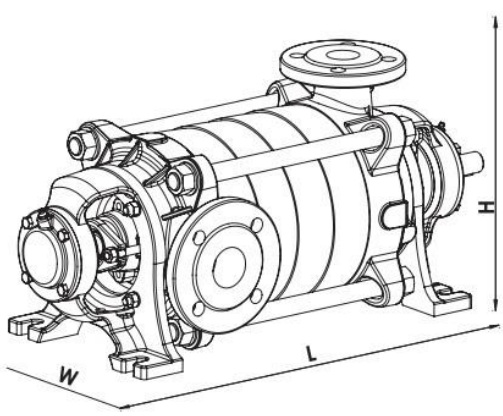
PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C - *120°C
IMPERMEABILITY	SOFT SEAL / MECHANICAL SEAL
INLET FLANGE	DN 65 PN 16
OUTLET FLANGE	DN 50 PN 16

PUMP TECHNICAL PROPERTIES

MOTOR					PUMP											
TYPE	KW	V	Hz	rpm	STAGE NUMBER	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	19	22	25	28
SYT50/2	2.2	380	50	1450	2	2 1/2	2"	350	581	350	94	Hm	16	15.5	15	14.5
SYT50/3	3	380	50	1450	3	2 1/2	2"	350	643	350	112		26	25	24.5	22
SYT50/4	4	380	50	1450	4	2 1/2	2"	350	705	350	130		34	32	30	29
SYT50/5	5.5	380	50	1450	5	2 1/2	2"	350	767	350	148		42	40	37	36
SYT50/6	5.5	380	50	1450	6	2 1/2	2"	350	829	350	166		50	48	45	43
SYT50/7	7.5	380	50	1450	7	2 1/2	2"	350	891	350	185		59	56	54	50
SYT50/8	7.5	380	50	1450	8	2 1/2	2"	350	953	350	203		67	65	62	59
SYT50/9	11	380	50	1450	9	2 1/2	2"	350	1015	350	222		76	73	70	66
SYT50/10	11	380	50	1450	10	2 1/2	2"	350	1077	350	240		86	83	79	75
SYT50/11	11	380	50	1450	11	2 1/2	2"	350	1139	350	259		94	90	86	82
SYT50/12	11	380	50	1450	12	2 1/2	2"	350	1201	350	277		105	100	95	91

*Optionally it can be produced as until 120° C for use in hot water applications.
NOTE: Measurements and kg's in the table are belongs only to pump. (Except motor and chassis)





HORIZONTAL SHAFT MULTI STAGE PUMPS 1450 RPM

SYT65



DEFINITION

Horizontal shaft multi-stage CASTING pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These pumps are used in agricultural irrigation, pressurized water supply, boiler feed heating and cooling systems, industrial, water transfer stations, treatment plants, water booster systems, fire systems and clean water supply.



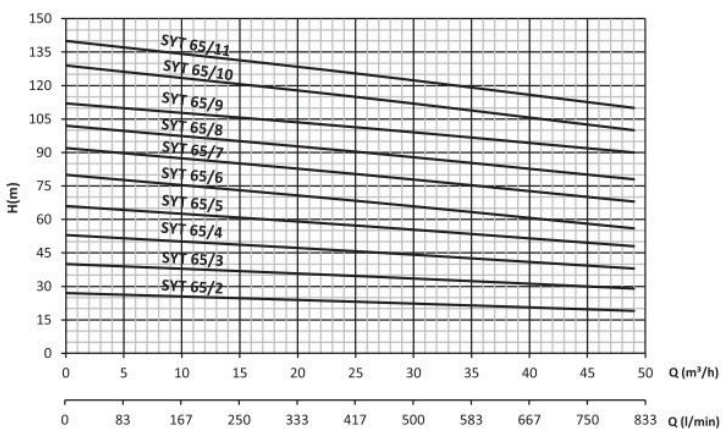
PUMP MATERIAL PROPERTIES

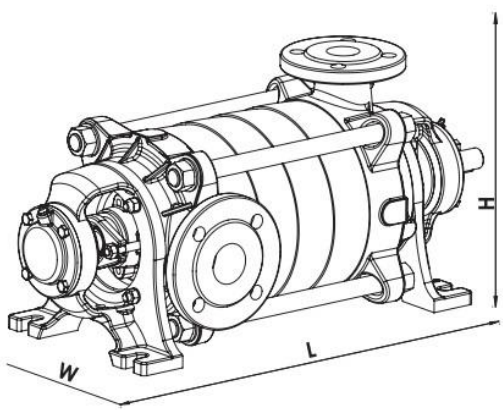
PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C - *120°C
IMPERMEABILITY	SOFT SEAL / MECHANICAL SEAL
INLET FLANGE	DN 80 PN 16
OUTLET FLANGE	DN 65 PN 16

PUMP TECHNICAL PROPERTIES

MOTOR					PUMP										
TYPE	KW	V	Hz	rpm	STAGE NUMBER	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h	34	39	44	49
SYT65/2	4	380	50	1450	2	3"	2 1/2	395	644	395	110	Hm	20	21	20	19
SYT65/3	5.5	380	50	1450	3	3"	2 1/2	395	715	395	132		32	31	30	29
SYT65/4	11	380	50	1450	4	3"	2 1/2	395	786	395	154		42	41	40	39
SYT65/5	11	380	50	1450	5	3"	2 1/2	395	857	395	176		55	52	50	49
SYT65/6	15	380	50	1450	6	3"	2 1/2	395	928	395	198		64	60	57	55
SYT65/7	15	380	50	1450	7	3"	2 1/2	395	999	395	220		75	72	70	67
SYT65/8	18.5	380	50	1450	8	3"	2 1/2	395	1070	395	242		85	83	80	77
SYT65/9	18.5	380	50	1450	9	3"	2 1/2	395	1141	395	263		97	95	92	90
SYT65/10	22	380	50	1450	10	3"	2 1/2	395	1212	395	286		110	105	102	100
SYT65/11	22	380	50	1450	11	3"	2 1/2	395	1283	395	308		120	115	115	110

*Optionally it can be produced as until 120° C for use in hot water applications.
NOTE: Measurements and kg's in the table are belongs only to pump. (Except motor and chassis)





HORIZONTAL SHAFT MULTI STAGE PUMPS 1450 RPM

SYT80



DEFINITION

Horizontal shaft multi-stage CASTING pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These pumps are used in agricultural irrigation, pressurized water supply, boiler feed heating and cooling systems, industrial, water transfer stations, treatment plants, water booster systems, fire systems and clean water supply.



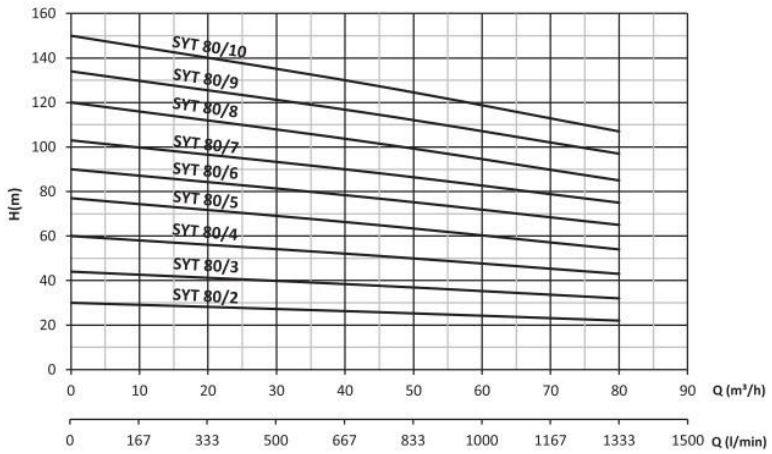
PUMP MATERIAL PROPERTIES

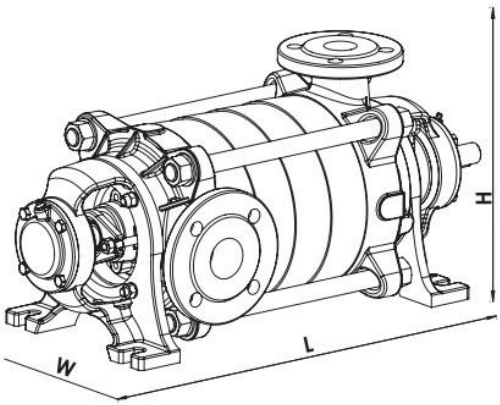
PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C - *120°C
IMPERMEABILITY	SOFT SEAL / MECHANICAL SEAL
INLET FLANGE	DN 100 PN 16
OUTLET FLANGE	DN 80 PN 16

PUMP TECHNICAL PROPERTIES

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

*Optionally it can be produced as until 120° C for use in hot water applications.
NOTE: Measurements and kg's in the table are belongs only to pump. (Except motor and chassis)





SUMAK®

SCROLL PUMPS

















SCROLL PUMPS 2900 RPM

SMT160/80





DEFINITION

Mono-stage SCROLL pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These pumps are used in agricultural irrigation, pressurized water supply, fire systems, in the discharge of clean water and few dirty waters, which do not contain solid particles (fibre, staple), high-flow water needs.

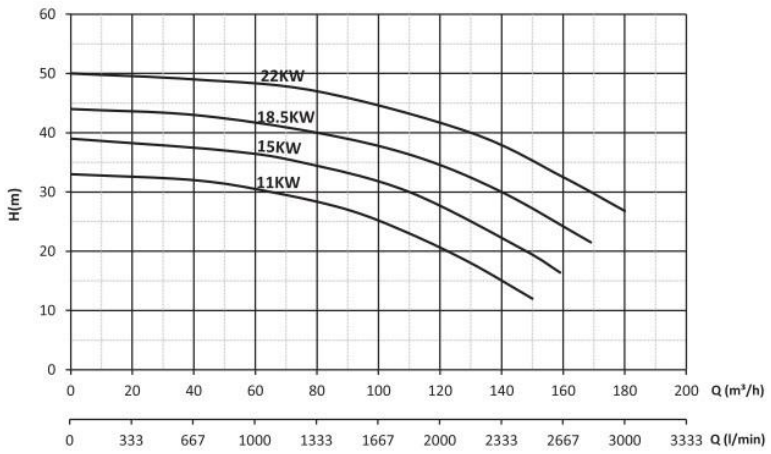
PUMP MATERIAL PROPERTIES

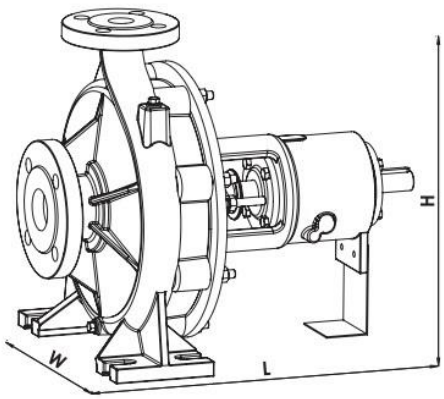
PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C - *120°C
IMPERMEABILITY	SOFT SEAL / MECHANICAL SEAL
INLET FLANGE	DN 100 PN 16
OUTLET FLANGE	DN 80 PN 16

PUMP TECHNICAL PROPERTIES

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	4"	3"	325	495	405	48	Hm	32	31	24	8	-
	15	380	50	2900	4"	3"	325	495	405	48.5		38	37	32	26	-
	18.5	380	50	2900	4"	3"	325	495	405	49		43	42	38	32	15
	22	380	50	2900	4"	3"	325	495	405	49.5		48	47	46	40	28

*Optionally it can be produced as until 120° C for use in hot water applications.
NOTE: Measurements and kg's in the table are belongs only to pump. (Except motor and chassis)





SMT250/32





DEFINITION

Mono-stage SCROLL pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These pumps are used in agricultural irrigation, pressurized water supply, fire systems, in the discharge of clean water and few dirty waters, which do not contain solid particles (fibre, staple), high-flow water needs.

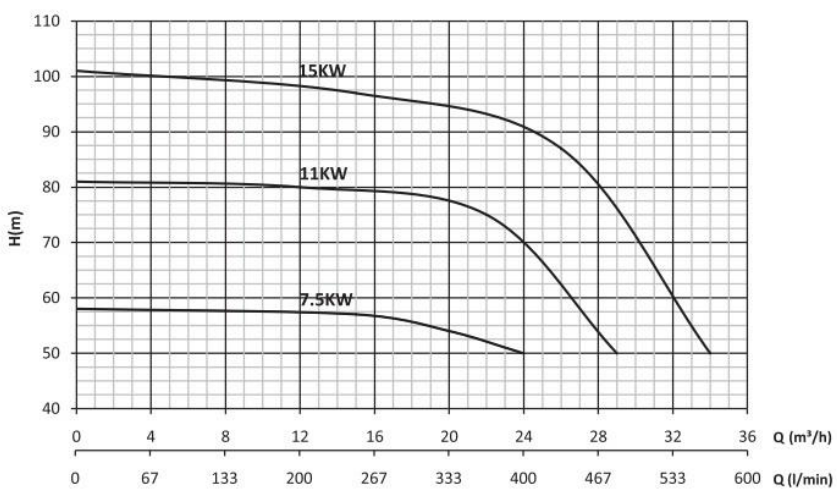
PUMP MATERIAL PROPERTIES

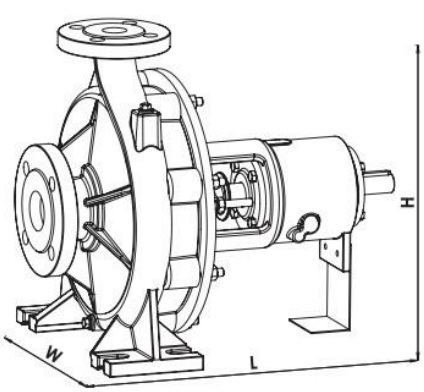
PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C - *120°C
IMPERMEABILITY	SOFT SEAL / MECHANICAL SEAL
INLET FLANGE	DN 50 PN 16
OUTLET FLANGE	DN 32 PN 16

PUMP TECHNICAL PROPERTIES

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	2"	1 1/4	320	460	405	49	Hm	58	57	56	54	45
	11	380	50	2900	2"	1 1/4	320	460	405	49.5		81	80	79	77	68
	15	380	50	2900	2"	1 1/4	320	460	405	50		100	98	97	94	88

*Optionally it can be produced as until 120° C for use in hot water applications.
NOTE: Measurements and kg's in the table are belongs only to pump. (Except motor and chassis)





SMT250/40





DEFINITION

Mono-stage SCROLL pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These pumps are used in agricultural irrigation, pressurized water supply, fire systems, in the discharge of clean water and few dirty waters, which do not contain solid particles (fibre, staple), high-flow water needs.

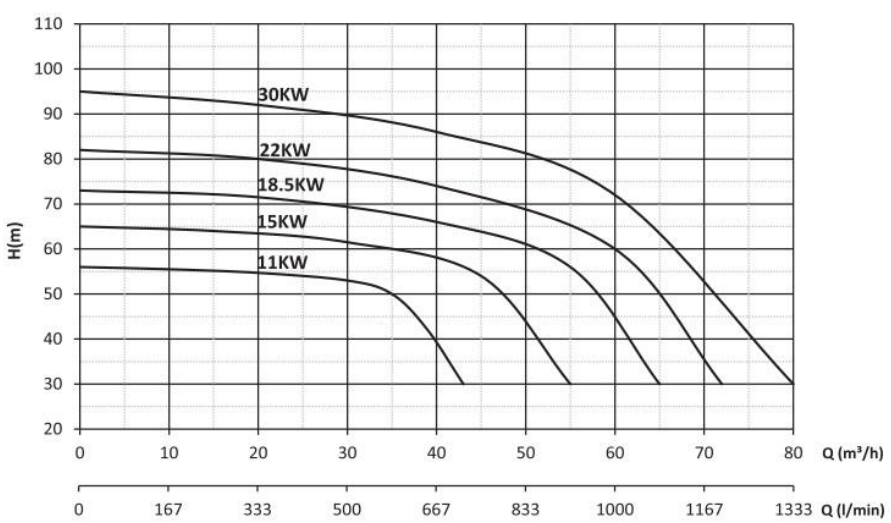
PUMP MATERIAL PROPERTIES

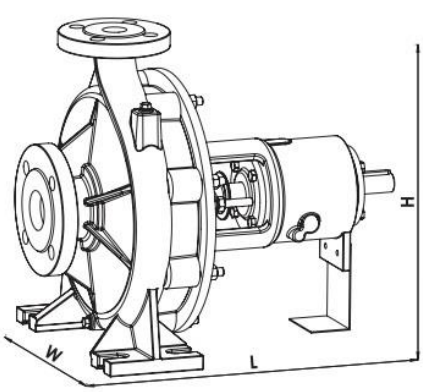
PUMP BODY	**GG25 CASTING**
IMPELLER	**GG25 CASTING**
SHAFT	**AISI 420**
LIQUID PUMPING TEMPERATURE	**0-45°C - *120°C**
IMPERMEABILITY	**SOFT SEAL / MECHANICAL SEAL**
INLET FLANGE	**DN 65 PN 16**
OUTLET FLANGE	**DN 40 PN 16**

PUMP TECHNICAL PROPERTIES

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	2½	1½	320	460	405	51	Hm	54	51	40	-	-
	15	380	50	2900	2½	1½	320	460	405	51.5		63	61	58	45	-
	18.5	380	50	2900	2½	1½	320	460	405	51.5		72	68	65	61	45
	22	380	50	2900	2½	1½	320	460	405	52		80	78	73	68	60
	30	380	50	2900	2½	1½	320	460	405	52		91	90	86	81	72

*Optionally it can be produced as until 120° C for use in hot water applications.
NOTE: Measurements and kg's in the table are belongs only to pump. (Except motor and chassis)





SMT250/50





DEFINITION

Mono-stage SCROLL pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These pumps are used in agricultural irrigation, pressurized water supply, fire systems, in the discharge of clean water and few dirty waters, which do not contain solid particles (fibre, staple), high-flow water needs.

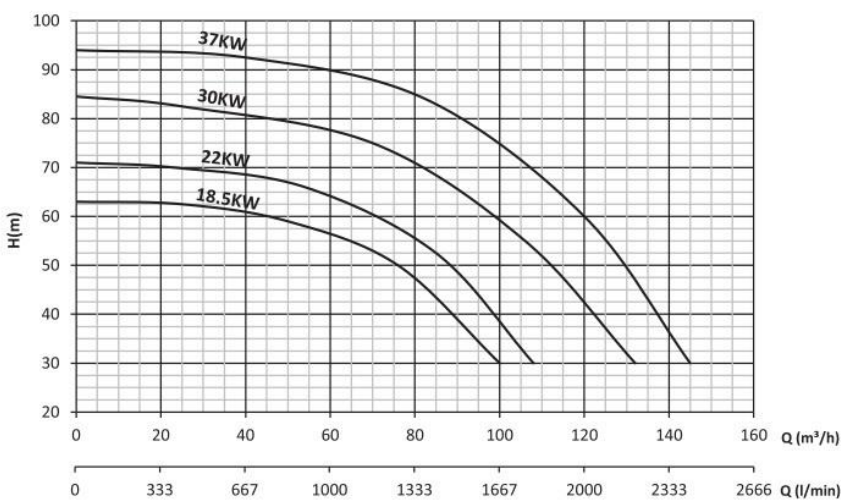
PUMP MATERIAL PROPERTIES

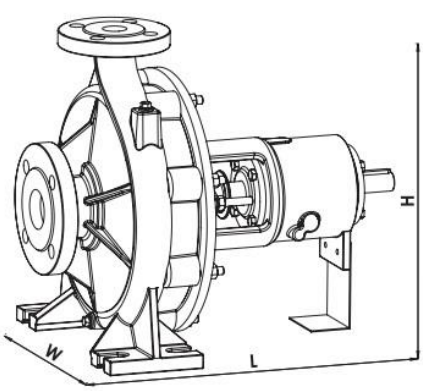
PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C - *120°C
IMPERMEABILITY	SOFT SEAL / MECHANICAL SEAL
INLET FLANGE	DN 65 PN 16
OUTLET FLANGE	DN 40 PN 16

PUMP TECHNICAL PROPERTIES

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	2 1/2	2"	360	460	405	54	Hm	62	61	57	48	30
	22	380	50	2900	2 1/2	2"	360	460	405	54.5		70	68	64	55	38
	30	380	50	2900	2 1/2	2"	360	460	405	55		83	81	77	71	59
	37	380	50	2900	2 1/2	2"	360	460	405	55		93	92	90	85	75

*Optionally it can be produced as until 120° C for use in hot water applications.
NOTE: Measurements and kg's in the table are belongs only to pump. (Except motor and chassis)





SMT250/65





DEFINITION

Mono-stage SCROLL pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These pumps are used in agricultural irrigation, pressurized water supply, fire systems, in the discharge of clean water and few dirty waters, which do not contain solid particles (fibre, staple), high-flow water needs.

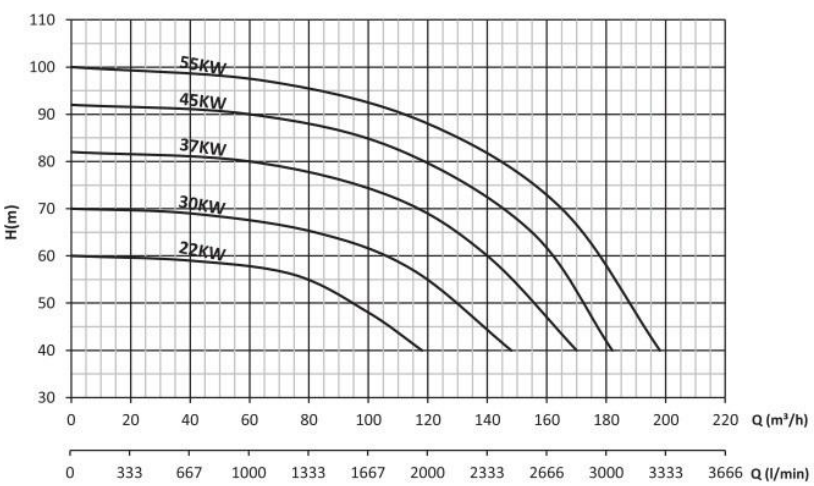
PUMP MATERIAL PROPERTIES

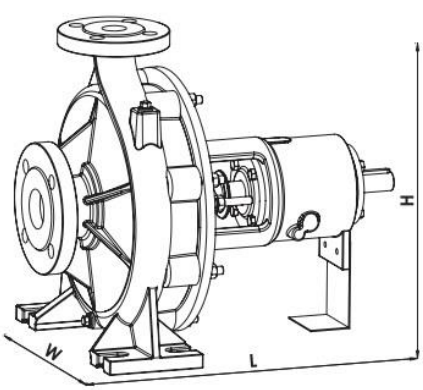
PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C - *120°C
IMPERMEABILITY	SOFT SEAL / MECHANICAL SEAL
INLET FLANGE	DN 80 PN 16
OUTLET FLANGE	DN 65 PN 16

PUMP TECHNICAL PROPERTIES

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	3"	2 1/2	360	550	450	75	Hm	58	55	48	35	-
	30	380	50	2900	3"	2 1/2	360	550	450	75.5		68	65	61	55	-
	37	380	50	2900	3"	2 1/2	360	575	450	76		80	78	74	69	47
	45	380	50	2900	3"	2 1/2	360	575	450	76.5		90	88	85	80	61
	55	380	50	2900	3"	2 1/2	360	575	450	77		96	95	92	87	73

*Optionally it can be produced as until 120° C for use in hot water applications.
NOTE: Measurements and kg's in the table are belongs only to pump. (Except motor and chassis)





SCROLL PUMPS 2900 RPM

SMT250/80





DEFINITION

Mono-stage SCROLL pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These pumps are used in agricultural irrigation, pressurized water supply, fire systems, in the discharge of clean water and few dirty waters, which do not contain solid particles (fibre, staple), high-flow water needs.

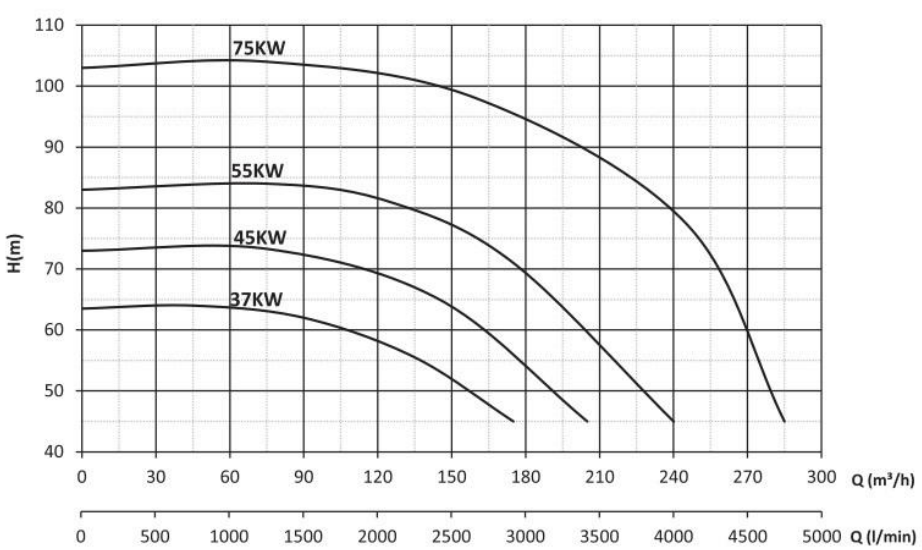
PUMP MATERIAL PROPERTIES

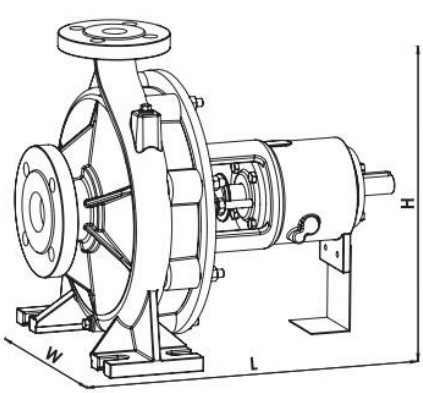
PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C (120°C)
IMPERMEABILITY	SOFT SEAL / MECHANICAL SEAL
INLET FLANGE	DN 100 PN 16
OUTLET FLANGE	DN 80 PN 16

PUMP TECHNICAL PROPERTIES

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	4"	3"	400	470	480	77	Hm	63	60	52	45	-
	45	380	50	2900	4"	3"	400	470	480	78		73	71	64	54	-
	55	380	50	2900	4"	3"	400	470	480	79		83	82	78	69	53
	75	380	50	2900	4"	3"	400	470	480	82		102	101	99	95	85

*Optionally it can be produced as until 120° C for use in hot water applications.
NOTE: Measurements and kg's in the table are belongs only to pump. (Except motor and chassis)





SCROLL PUMPS 2900 RPM

SMT250/100





DEFINITION

Mono-stage SCROLL pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These pumps are used in agricultural irrigation, pressurized water supply, fire systems, in the discharge of clean water and few dirty waters, which do not contain solid particles (fibre, staple), high-flow water needs.

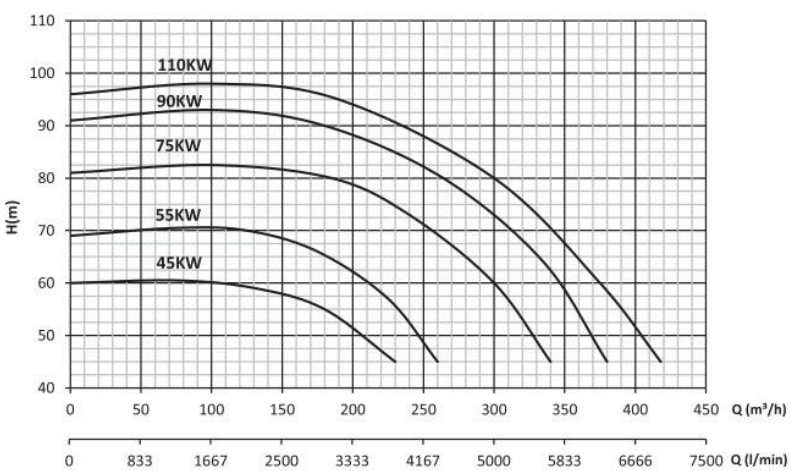
PUMP MATERIAL PROPERTIES

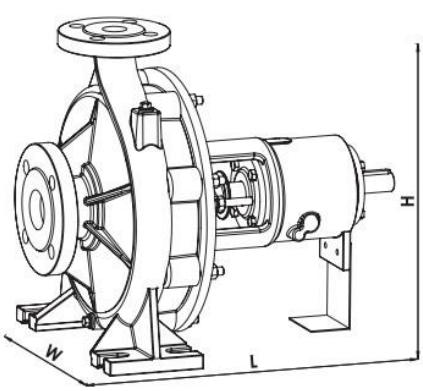
PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C (120°C)
IMPERMEABILITY	SOFT SEAL / MECHANICAL SEAL
INLET FLANGE	DN 125 PN 16
OUTLET FLANGE	DN 100 PN 16

PUMP TECHNICAL PROPERTIES

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	5"	4"	400	610	505	89	Hm	55	52	46	-	-
	55	380	50	2900	5"	4"	400	610	505	89.5		66	62	55	49	-
	75	380	50	2900	5"	4"	400	610	505	90		80	78	75	72	60
	90	380	50	2900	5"	4"	400	610	505	90.5		90	87	84	82	73
	110	380	50	2900	5"	4"	400	610	505	91		95	93	91	87	80

*Optionally it can be produced as until 120° C for use in hot water applications.
NOTE: Measurements and kg's in the table are belongs only to pump. (Except motor and chassis)





SCROLL PUMPS 1450 RPM

SMT160/80





DEFINITION

Mono-stage SCROLL pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These pumps are used in agricultural irrigation, pressurized water supply, fire systems, in the discharge of clean water and few dirty waters, which do not contain solid particles (fibre, staple), high-flow water needs.

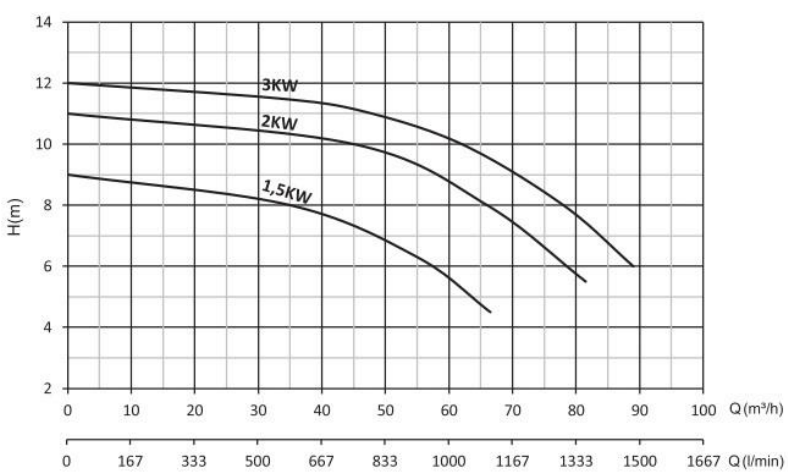
PUMP MATERIAL PROPERTIES

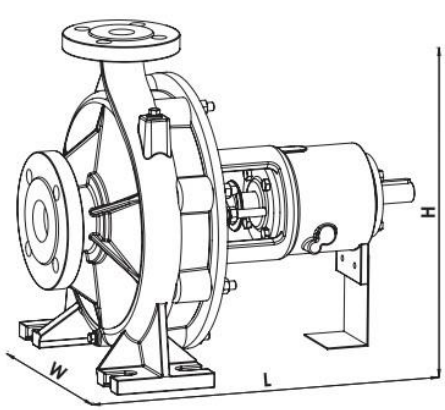
PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C (120°C)
IMPERMEABILITY	SOFT SEAL / MECHANICAL SEAL
INLET FLANGE	DN 100 PN 16
OUTLET FLANGE	DN 80 PN 16

PUMP TECHNICAL PROPERTIES

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	4"	3"	325	495	405	48	Hm	8.5	7.5	5.5	-	-
	2.2	380	50	1450	4"	3"	325	495	405	49		10.5	10	8.5	6	3
	3	380	50	1450	4"	3"	325	495	405	49,5		11.5	11	10	7.5	6

*Optionally it can be produced as until 120° C for use in hot water applications.
NOTE: Measurements and kg's in the table are belongs only to pump. (Except motor and chassis)





SMT250/32





DEFINITION

Mono-stage SCROLL pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These pumps are used in agricultural irrigation, pressurized water supply, fire systems, in the discharge of clean water and few dirty waters, which do not contain solid particles (fibre, staple), high-flow water needs.

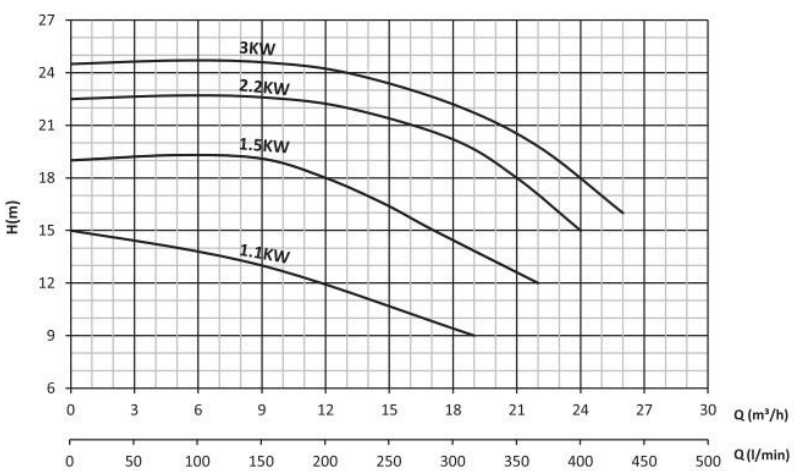
PUMP MATERIAL PROPERTIES

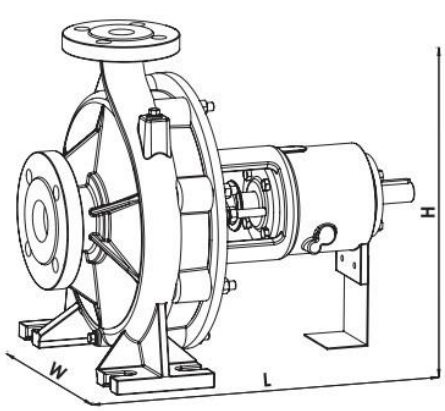
PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C (120°C)
IMPERMEABILITY	SOFT SEAL / MECHANICAL SEAL
INLET FLANGE	DN 50 PN 16
OUTLET FLANGE	DN 32 PN 16

PUMP TECHNICAL PROPERTIES

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	2"	1 1/4	320	460	405	49	Hm	12	10	9	-	-
	1.5	380	50	1450	2"	1 1/4	320	460	405	49.5		18	16	14	12	-
	2.2	380	50	1450	2"	1 1/4	320	460	405	50		22	21	20	17	-
	3	380	50	1450	2"	1 1/4	320	460	405	50.5		24	23	22	20	16

*Optionally it can be produced as until 120° C for use in hot water applications.
NOTE: Measurements and kg's in the table are belongs only to pump. (Except motor and chassis)





SCROLL PUMPS 1450 RPM

SMT250/40





DEFINITION

Mono-stage SCROLL pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These pumps are used in agricultural irrigation, pressurized water supply, fire systems, in the discharge of clean water and few dirty waters, which do not contain solid particles (fibre, staple), high-flow water needs.

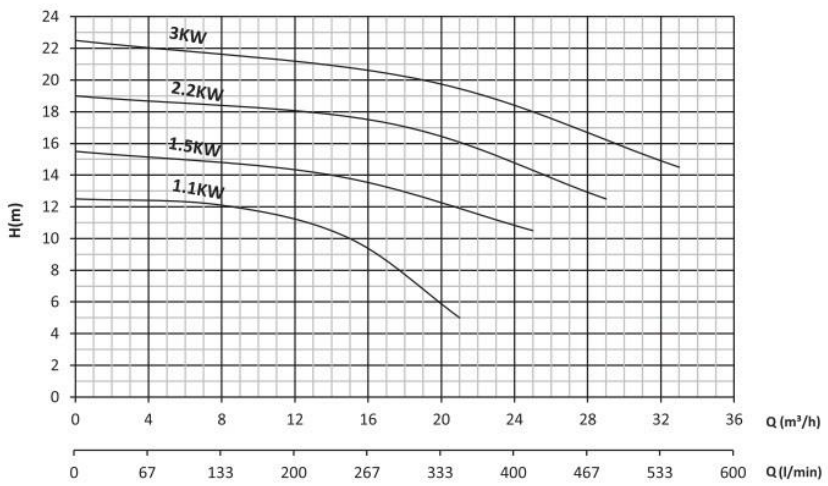
PUMP MATERIAL PROPERTIES

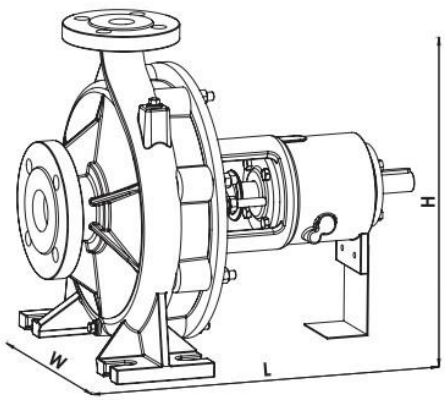
PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C (120°C)
IMPERMEABILITY	SOFT SEAL / MECHANICAL SEAl
INLET FLANGE	DN 65 PN 16
OUTLET FLANGE	DN 40 PN 16

PUMP TECHNICAL PROPERTIES

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	2½	1½	320	460	405	51	Hm	11.5	10	6	-	-
	1.5	380	50	1450	2½	1½	320	460	405	51.5		14.5	13.5	12	10.5	-
	2.2	380	50	1450	2½	1½	320	460	405	51.5		18.5	17.5	16.5	14.5	-
	3	380	50	1450	2½	1½	320	460	405	52		21.5	20.5	19.5	18	16

*Optionally it can be produced as until 120° C for use in hot water applications.
NOTE: Measurements and kg's in the table are belongs only to pump. (Except motor and chassis)





SMT250/50





DEFINITION

Mono-stage SCROLL pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These pumps are used in agricultural irrigation, pressurized water supply, fire systems, in the discharge of clean water and few dirty waters, which do not contain solid particles (fibre, staple), high-flow water needs.

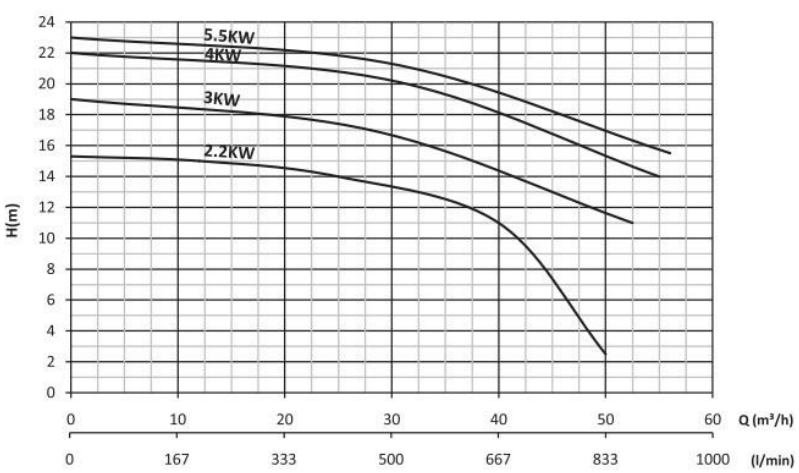
PUMP MATERIAL PROPERTIES

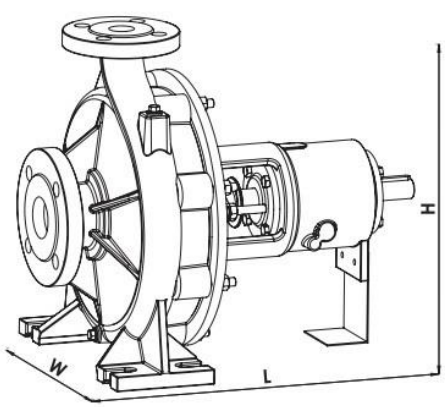
PPUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C (120°C)
IMPERMEABILITY	SOFT SEAL / MECHANICAL SEAL
INLET FLANGE	DN 65 PN 16
OUTLET FLANGE	DN 50 PN 16

PUMP TECHNICAL PROPERTIES

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	2½	2"	360	460	405	54	Hm	12.5	11	7	-	-
	3	380	50	1450	2½	2"	360	460	405	54.5		15.5	14.5	13	11.5	-
	4	380	50	1450	2½	2"	360	460	405	55		19	18	16.5	15.5	14
	5.5	380	50	1450	2½	2"	360	460	405	55		20.5	19	18	17	15.5

*Optionally it can be produced as until 120° C for use in hot water applications.
NOTE: Measurements and kg's in the table are belongs only to pump. (Except motor and chassis)





SCROLL PUMPS 1450 RPM

SMT250/65





DEFINITION

Mono-stage SCROLL pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These pumps are used in agricultural irrigation, pressurized water supply, fire systems, in the discharge of clean water and few dirty waters, which do not contain solid particles (fibre, staple), high-flow water needs.

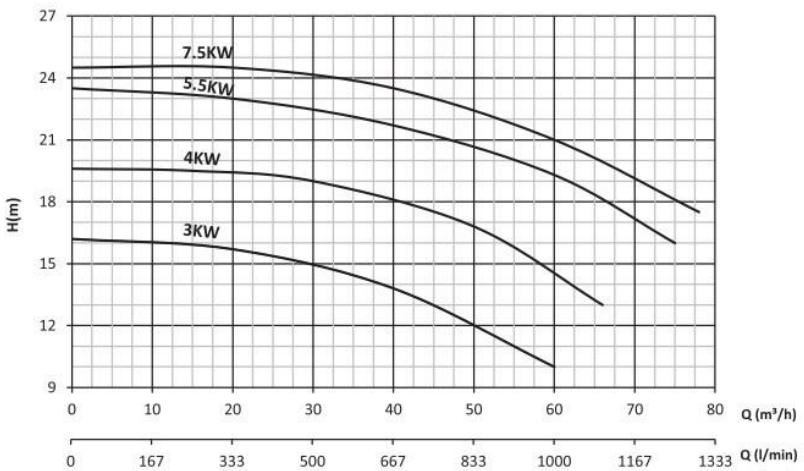
PUMP MATERIAL PROPERTIES

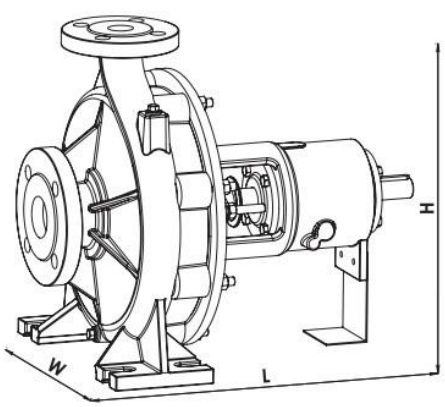
PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C (120°C)
IMPERMEABILITY	SOFT SEAL / MECHANICAL SEAL
INLET FLANGE	DN 80 PN 16
OUTLET FLANGE	DN 65 PN 16

PUMP TECHNICAL PROPERTIES

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	3"	2 1/2	360	550	450	75	Hm	15	13.5	12	10	-
	4	380	50	1450	3"	2 1/2	360	550	450	75.5		19	18	16.5	14.5	-
	5.5	380	50	1450	3"	2 1/2	360	575	450	76		22.5	21.5	20.5	19.5	17
	7.5	380	50	1450	3"	2 1/2	360	575	450	76.5		24	23.5	22.5	21	19

*Optionally it can be produced as until 120° C for use in hot water applications.
NOTE: Measurements and kg's in the table are belongs only to pump. (Except motor and chassis)





SCROLL PUMPS 1450 RPM

SMT250/80





DEFINITION

Mono-stage SCROLL pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These pumps are used in agricultural irrigation, pressurized water supply, fire systems, in the discharge of clean water and few dirty waters, which do not contain solid particles (fibre, staple), high-flow water needs.

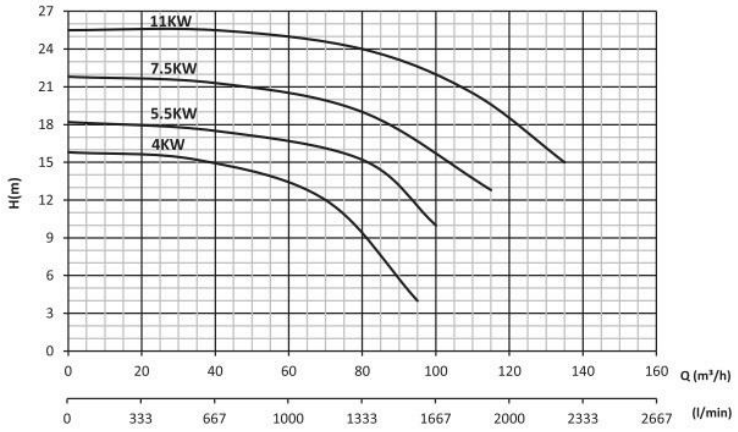
PUMP MATERIAL PROPERTIES

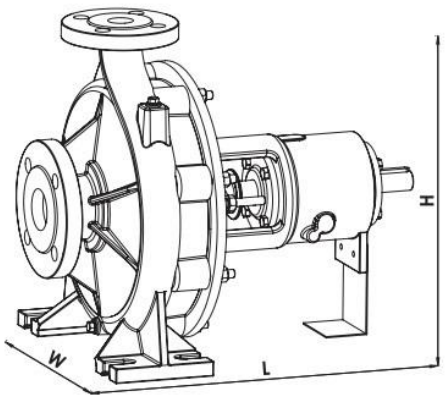
PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C (120°C)
IMPERMEABILITY	SOFT SEAL / MECHANICAL SEAL
INLET FLANGE	DN 100 PN 16
OUTLET FLANGE	DN 80 PN 16

PUMP TECHNICAL PROPERTIES

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	4"	3"	400	470	480	77	Hm	15	13.5	9.5	-	-
	5.5	380	50	1450	4"	3"	400	470	480	78		17.5	16.5	15	10	-
	7.5	380	50	1450	4"	3"	400	470	480	79		21.5	20.5	19	15.5	-
	11	380	50	1450	4"	3"	400	470	480	82		25.5	25	24	22	18.5

*Optionally it can be produced as until 120° C for use in hot water applications.
NOTE: Measurements and kg's in the table are belongs only to pump. (Except motor and chassis)





SCROLL PUMPS 1450 RPM

SMT250/100





DEFINITION

Mono-stage SCROLL pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These pumps are used in agricultural irrigation, pressurized water supply, fire systems, in the discharge of clean water and few dirty waters, which do not contain solid particles (fibre, staple), high-flow water needs.

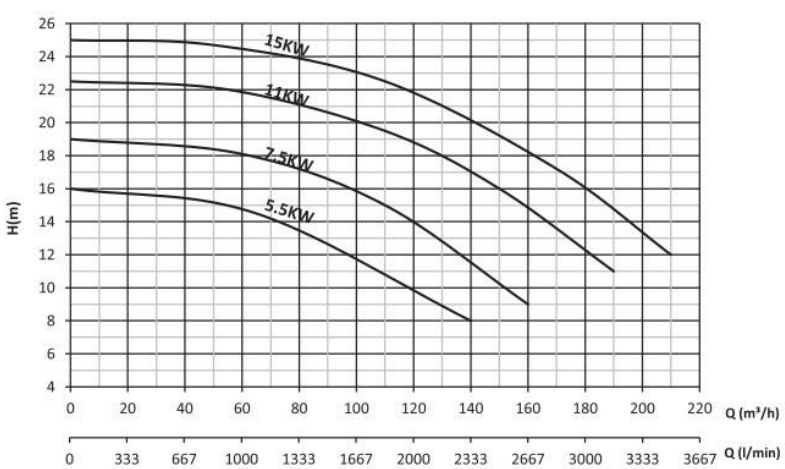
PUMP MATERIAL PROPERTIES

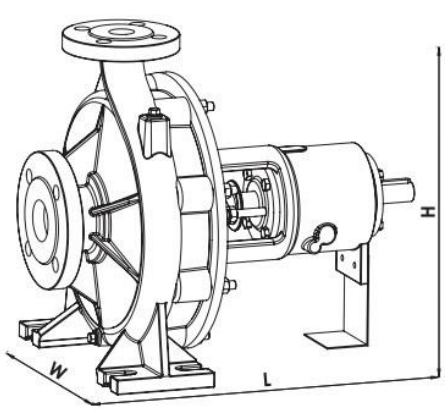
PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C (120°C)
IMPERMEABILITY	SOFT SEAL / MECHANICAL SEAL
INLET FLANGE	DN 125 PN 16
OUTLET FLANGE	DN 100 PN 16

PUMP TECHNICAL PROPERTIES

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	5"	4"	400	610	505	89	Hm	13.5	11	8	-	-
	7.5	380	50	1450	5"	4"	400	610	505	89.5		17	15	11.5	-	-
	11	380	50	1450	5"	4"	400	610	505	90		21	19.5	17	13.5	9
	15	380	50	1450	5"	4"	400	610	505	90.5		24	22.5	20	17	13

*Optionally it can be produced as until 120° C for use in hot water applications.
NOTE: Measurements and kg's in the table are belongs only to pump. (Except motor and chassis)





SCROLL PUMPS 1450 RPM

SMT315/50





DEFINITION

Mono-stage SCROLL pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These pumps are used in agricultural irrigation, pressurized water supply, fire systems, in the discharge of clean water and few dirty waters, which do not contain solid particles (fibre, staple), high-flow water needs.

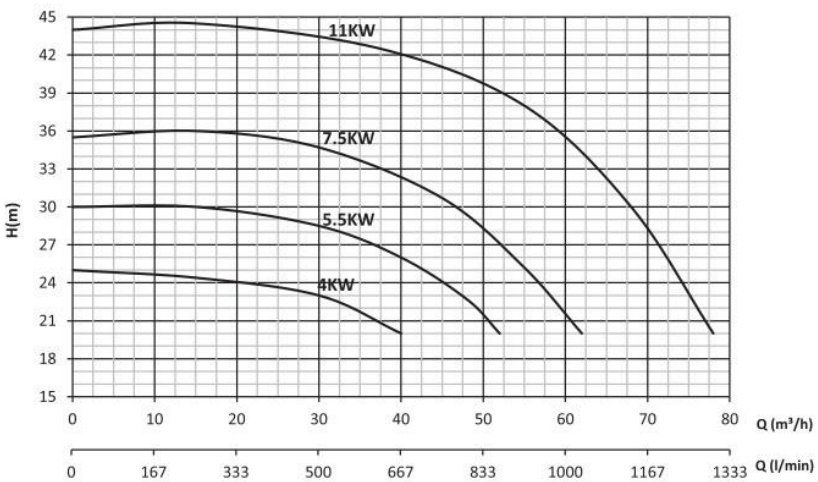
PUMP MATERIAL PROPERTIES

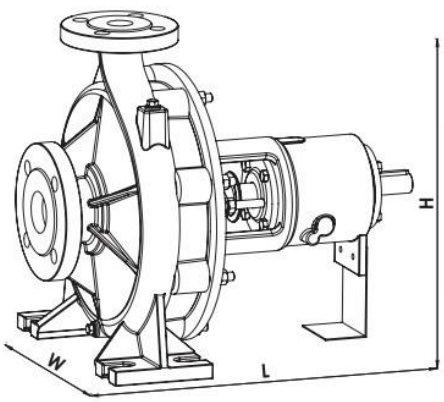
PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C (120°C)
IMPERMEABILITY	SOFT SEAL / MECHANICAL SEAL
INLET FLANGE	DN 65 PN 16
OUTLET FLANGE	DN 50 PN 16

PUMP TECHNICAL PROPERTIES

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	2½	2"	320	575	505	84	Hm	24	23	20	-	-
	5.5	380	50	1450	2½	2"	320	575	505	86		29	28	26	21	-
	7.5	380	50	1450	2½	2"	320	575	505	88		36	34	32	28	-
	11	380	50	1450	2½	2"	320	575	505	90		44	43	42	40	35

*Optionally it can be produced as until 120° C for use in hot water applications.
NOTE: Measurements and kg's in the table are belongs only to pump. (Except motor and chassis)





SCROLL PUMPS 1450 RPM

SMT315/65





DEFINITION

Mono-stage SCROLL pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These pumps are used in agricultural irrigation, pressurized water supply, fire systems, in the discharge of clean water and few dirty waters, which do not contain solid particles (fibre, staple), high-flow water needs.

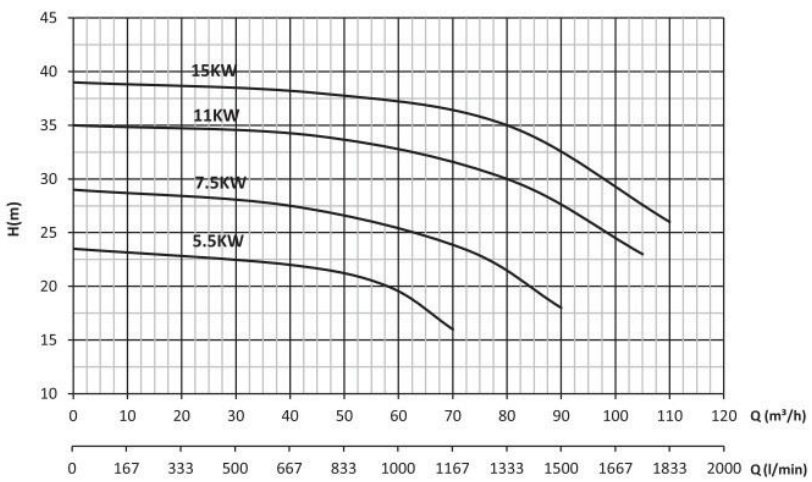
PUMP MATERIAL PROPERTIES

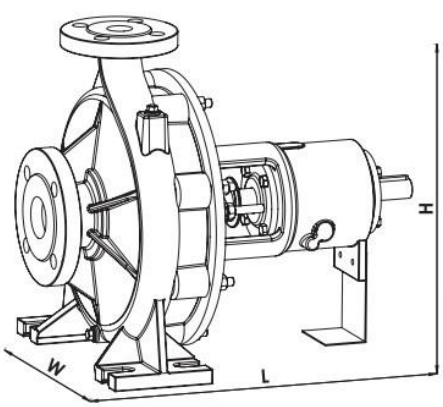
PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C (120°C)
IMPERMEABILITY	SOFT SEAL / MECHANICAL SEAL
INLET FLANGE	DN 80 PN 16
OUTLET FLANGE	DN 65 PN 16

PUMP TECHNICAL PROPERTIES

MOTOR					PUMP										
TYPE	KW	V	Hz	rpm	INPUT	OUTPUT	W mm	L mm	H mm	KG	m³/h / Hm	20	40	60	80	100
SMT315/65	5.5	380	50	1450	3"	2½	400	595	505	90		23	22	19.5	-	-
	7.5	380	50	1450	3"	2½	400	595	505	92		28	27.5	25	22	-
	11	380	50	1450	3"	2½	400	595	505	94		34.5	34	33	30	24
	15	380	50	1450	3"	2½	400	595	505	96		38	37.5	37	35	29

*Optionally it can be produced as until 120° C for use in hot water applications.
NOTE: Measurements and kg's in the table are belongs only to pump. (Except motor and chassis)





SCROLL PUMPS 1450 RPM

SMT315/80





DEFINITION

Mono-stage SCROLL pumps.
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These pumps are used in agricultural irrigation, pressurized water supply, fire systems, in the discharge of clean water and few dirty waters, which do not contain solid particles (fibre, staple), high-flow water needs.

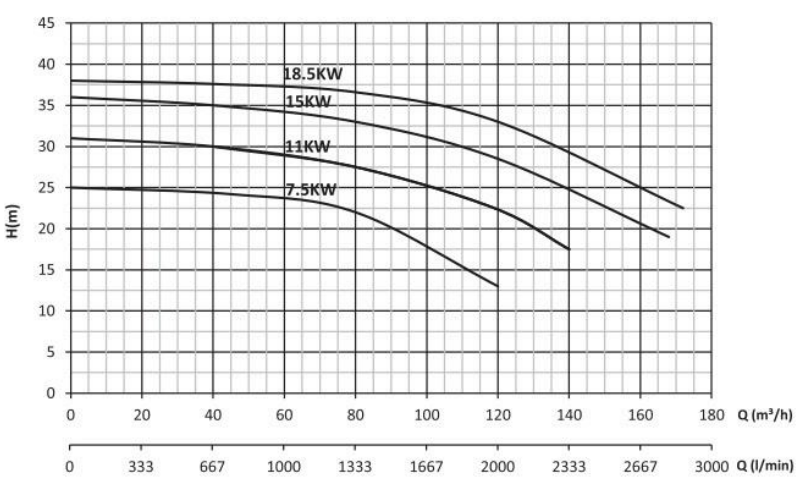
PUMP MATERIAL PROPERTIES

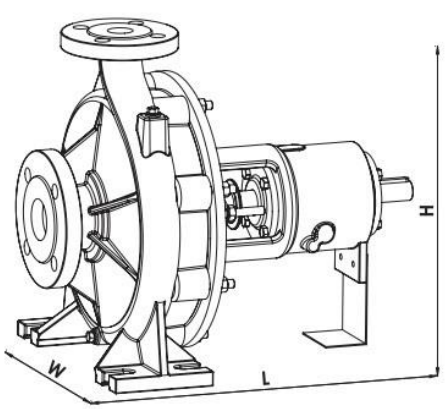
PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C (120°C)
IMPERMEABILITY	SOFT SEAL / MECHANICAL SEAL
INLET FLANGE	DN 100 PN 16
OUTLET FLANGE	DN 80 PN 16

PUMP TECHNICAL PROPERTIES

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	4"	3"	400	595	565	92	Hm	22	17	13	-	-
	11	380	50	1450	4"	3"	400	595	565	94		28	25	22	17	-
	15	380	50	1450	4"	3"	400	595	565	97		33	31	28	24	20
	18.5	380	50	1450	4"	3"	400	595	565	100		36	35	33	29	25

*Optionally it can be produced as until 120° C for use in hot water applications.
NOTE: Measurements and kg's in the table are belongs only to pump. (Except motor and chassis)





SML160/65 - SML160/80



DEFINITION

Single stage self-priming suction and discharge flanges can be mounted on the same axis in straight pipe on these side pumps, which facilitate the service when the defective parts are replaced and maintained without removing the SCROLL.

USAGE AREAS

This type pumps are used in industrial plants, swimming pools, geothermal plants, heating and cooling systems, air conditioning systems, and water distribution systems.

PUMP MATERIAL PROPERTIES

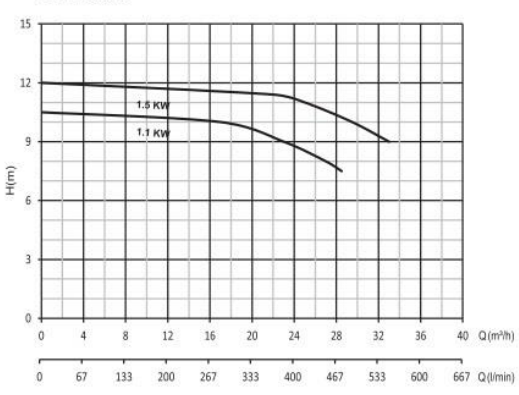
PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C (120°C)
PROTECTION CLASS	IP 54
IZOLATION	CI.F
IMPERMEABILITY MECHANICAL SEAL	CERAMIC / CARBON
INLET-OUTLET	DN FLANGE

PUMP TECHNICAL PROPERTIES

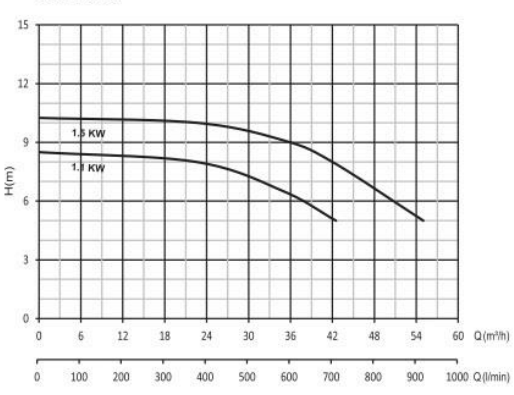
MOTOR					PUMP										
TYPE	KW	HP	Hz	rpm	INPUT OUTPUT	W mm	L mm	H mm	KG	m³/h	8	12	20	28	32
SML160/65	1.1	1.5	50	1450	65	252	380	550	37	Hm	10.4	10	9.5	7.5	-
	1.5	2	50	1450	65	252	380	550	37		11.8	11.6	11.4	10.4	9.2

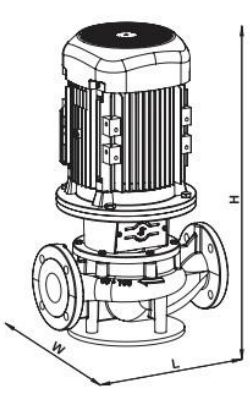
TYPE	KW	HP	Hz	rpm	INPUT OUTPUT	W mm	L mm	H mm	KG	m³/h	18	30	42	48	54
SML160/80	1.1	1.5	50	1450	80	280	425	570	41	Hm	8	7	5	-	-
	1.5	2	50	1450	80	280	425	570	41		10	9.5	8	6.5	5

SML160/65



SML160/80





SML160/65 - SML160/80



DEFINITION

Single stage self-priming suction and discharge flanges can be mounted on the same axis in straight pipe on these side pumps, which facilitate the service when the defective parts are replaced and maintained without removing the SCROLL.

USAGE AREAS

This type pumps are used in industrial plants, swimming pools, geothermal plants, heating and cooling systems, air conditioning systems, and water distribution svstems.

PUMP MATERIAL PROPERTIES

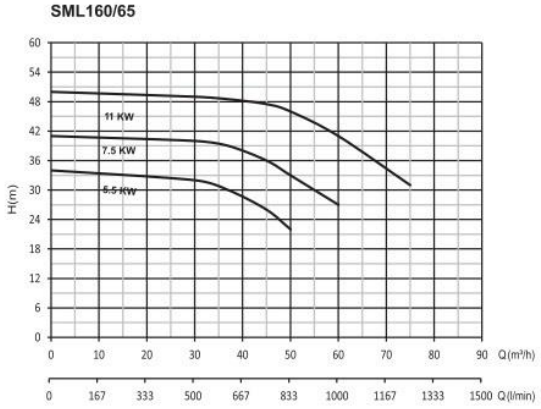
PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C (120°C)
PROTECTION CLASS	IP 54
IZOLATION	CI.F
IMPERMEABILITY MECHANICAL SEAL	CERAMIC / CARBON
INLET-OUTLET	DN FLANGE

PUMP TECHNICAL PROPERTIES

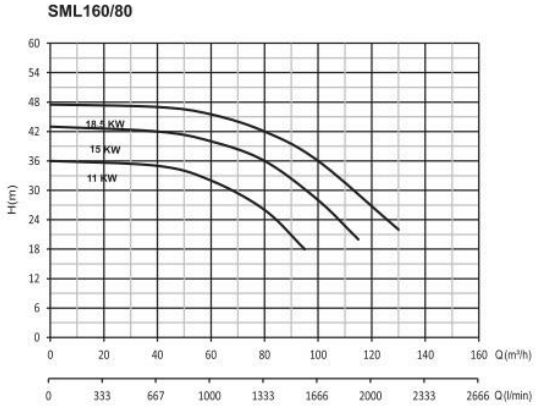
MOTOR					PUMP									
TYPE	KW	HP	Hz	rpm	INPUT OUTPUT	W mm	L mm	H mm	KG	m³/h	20	40	50	60	70
SML160/65	5.5	7.5	50	2900	65	252	380	640	71	Hm	33	27	20	-	-
	7.5	10	50	2900	65	252	380	700	87		39	37	33	27	-
	11	15	50	2900	65	252	380	730	96		49	48	46	40	34

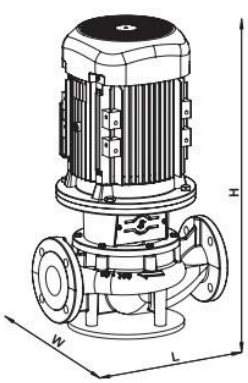
TYPE	KW	HP	Hz	rpm	INPUT OUTPUT	W mm	L mm	H mm	KG	m³/h	40	60	80	100	120
SML160/80	11	15	50	2900	80	280	425	750	107	Hm	35	32	26	-	-
	15	20	50	2900	80	280	425	810	125		42	39	36	27	-
	18.5	25	50	2900	80	280	425	810	145		46	44	42	36	26

SML160/65



SML160/80





SUMAK®

BOOSTER SETS























WATER BOOSTER SELECTION TABLE

PRACTICAL PIPE SELECTION TABLE 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

PRACTICAL (m^3/h) SELECTION TABLE ACCORDING TO THE NUMBER OF APARTMENTS Table 2

NUMBER OF FLATS	m^3/h	NUMBER OF FLATS	Q (m^3/h)	NUMBER OF FLATS	Q (m^3/h)	NUMBER OF FLATS	Q (m^3/h)	NUMBER OF FLATS	Q (m^3/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: A 16 bar expansion tank should be used in pump types over 10 bar.

The use of tables; determine the pressure according to the number of floors from Table 1. From Table 2, set the flow (m^3 / h) according to the number of apartments. 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.

New Product

SMJH 85



DEFINITION

These types of packages are systems used in apartments, villas, schools, hospitals, factories and public housing. The sound level of our BOOSTER SETS is below 84 dB.
It is manufactured at frequencies of 50 Hz and 60 Hz.

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

SMINOX H 150-4

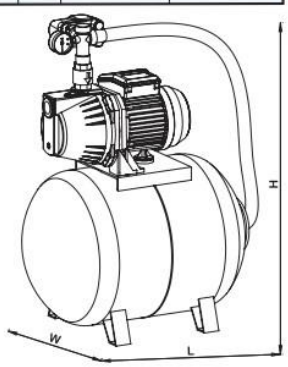


TYPE	HP	Hm	Q Max	TANK VOLUME	W mm	L mm	H mm	NUMBER OF FLATS	NUMBER OF FLOORS
SMINOX H 150/4 SMINOX H 150/4T (FLOAT SWITCH)	1 5	55	5.8	50	350	650	720	12	5

SYMH 8



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



USAGE AREAS

This type of BOOSTER SETS offers 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 your company for any multi-pump systems and frequency-controlled water booster.
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	CONNECTION INPUT	CONNECTION OUTPUT	MAX FLOW m^3/h	CAPACITY mss	NUMBER OF FLATS	NUMBER OF FLOORS
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

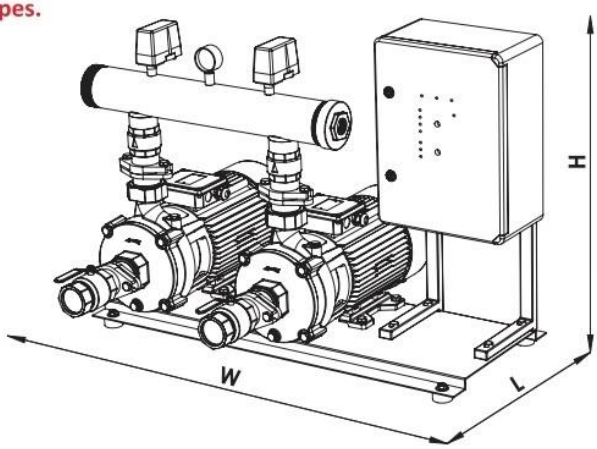
The scale is approximate and may vary.

Note: Our BOOSTER SETS are produced in classic type with pressure switch.

Please consult your company for frequency converter types.

SM K T A 550 2

- 2 — Number of Pumps Stages
- 550 — Pump Power (HP)
- A — Number of Pumps A=1 B=2 C=3
- T — Three phase
- A — Multi stage
- K — Pump Type
- SM



USAGE AREAS

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. It is suitable for use in hygienic environments because all surfaces that are in contact with water are full stainless. Consult your company for any multi-pump systems and frequency-controlled water booster.
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	CONNECTION INPUT	CONNECTION OUTPUT	MAX FLOW m^3/h	CAPACITY mss	NUMBER OF FLATS	NUMBER OF FLOORS
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

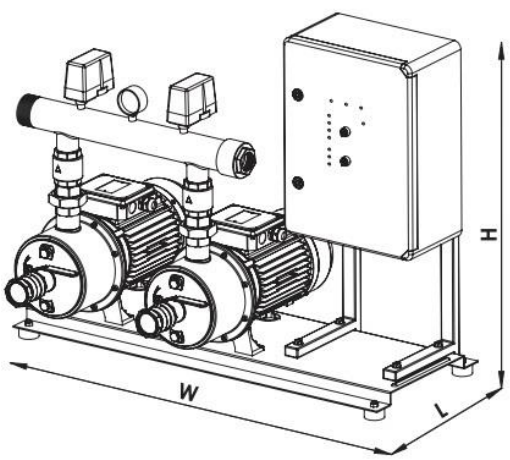
The scale is approximate and may vary.

Note: Our BOOSTER SETS are produced in classic type with pressure switch.

Please consult your company for frequency converter types.

SMINOX 12 A 220 2

- 2 → Number of Pump Stages
- 220 → Pump Power (220=2.2HP-300=3.0HP)
- A → Number of Pumps A=1B=2 C=3
- 12 → Max. Pump Flow
- SMINOX → Pump Type



VERTICAL SHAFT MULTI STAGE FULL STAINLESS INLINE PUMPS

SHTP8-300/10

Shaft Housing



DEFINITION

Vertical shaft multi-staged pumps with stainless body
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

These pumps is suitable for use, 2.2 HP - 7.5 HP multi-stage water contact places are very quiet due to the complex stainless INLINE design, suitable for liquid pressures up to 155 Hm and -15 ° C + 120 ° C, because of its hygienic nature, it is used in treatment plants, food sector, hot water applications, in many sectors including waterborne systems in buildings with a maximum of 30 floors up to 144 apartments.

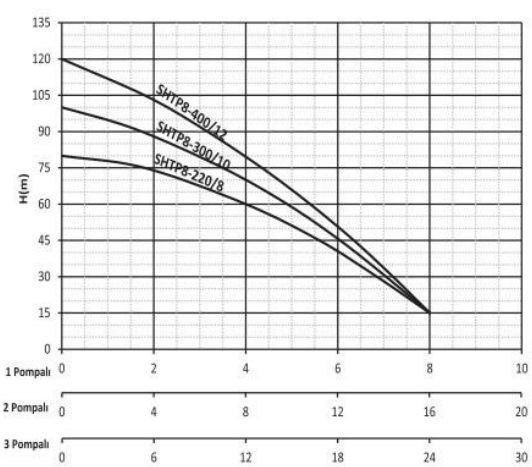
PUMP MATERIAL PROPERTIES

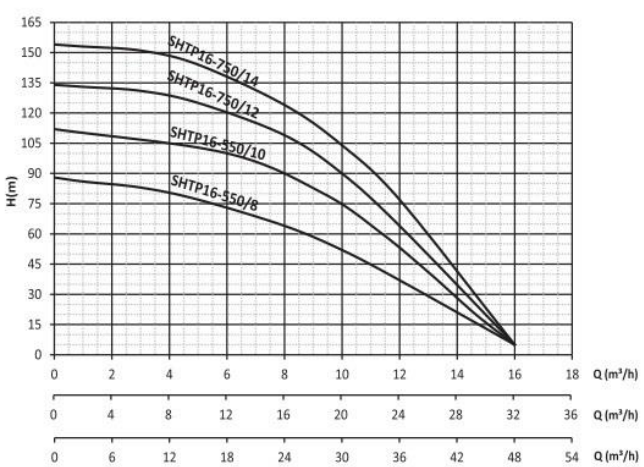
PUMP BODY	AISI 304 INOX
IMPELLER	AISI 304 INOX
STAGE DIFFUSER	AISI 304 INOX
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-45°C - 120°C
PROTECTION CLASS	IP 54
IZOLATION	CI.F
MECHANICAL SEAL	CARTRIDGE TYPE

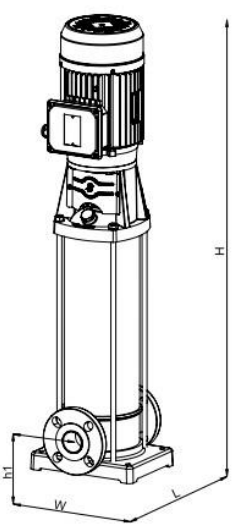
PUMP TECHNICAL PROPERTIES

MOTOR						PUMP												
TYPE	KW	V	Hz	A	rpm	INPUT OUTPUT	W mm	L mm	H mm	h1 mm	KG	m³/h	1	3	5	8	10	12	16
SHTP8-220/8	1.6	380	50	4.2	2900	1 1/2 1 1/2	240	242	807	80	40	Hm	82	77	55	15	-	-	-
SHTP8-300/10	2.2	380	50	5.2	2900	1 1/2 1 1/2	240	242	867	80	41		102	90	70	15	-	-	-
SHTP8-400/12	3	380	50	6.2	2900	1 1/2 1 1/2	240	242	928	80	43		120	105	83	15	-	-	-
SHTP16-550/8	4	380	50	6	2900	1 1/2 1 1/2	240	242	899	80	51		85	81	75	63	50	35	5
SHTP16-550/10	4	380	50	7.7	2900	1 1/2 1 1/2	240	242	959	80	52		110	106	102	90	75	52	5
SHTP16-750/12	5.5	380	50	9.5	2900	1 1/2 1 1/2	240	242	1020	80	55		133	130	125	108	88	64	5
SHTP16-750/14	5.5	380	50	11.2	2900	1 1/2 1 1/2	240	242	1081	80	56		153	150	145	122	103	75	5

The inlet and outlet of SHTP series pumps can be manufactured as DN 40 PN 16 flanged type optionally.







VERTICAL SHAFT MULTI STAGE FULL STAINLESS INLINE BOOSTER SETS

USAGE AREAS

This type of booster sets offers 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. It is suitable for use in hygienic environments because all surfaces that are in contact with water are full stainless. Consult your company for any multi-pump systems and water booster. 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	CONNECTION INPUT	CONNECTION OUTPUT	MAX FLOW m^3/h	CAPACITY mss	NUMBER OF FLATS	NUMBER OF FLOORS
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
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

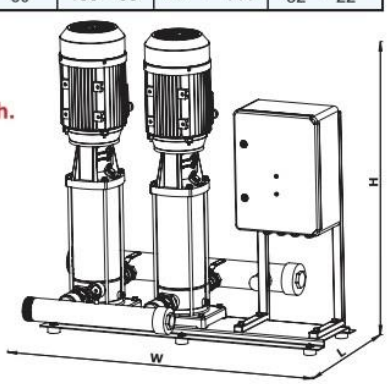
The scale is approximate and may vary.

Note: Our BOOSTER SETS are produced in classic type with pressure switch.

Please consult your company for frequency converter types.

SH T P 8 A 30010

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



VERTICAL SHAFT STAINLESS MULTI IMPELLER AND DIFFUSER INLINE PUMPS

SHTPD8-300/10

Shaft Housing



DEFINITION

Vertical shaft multi-staged pumps with stainless body
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

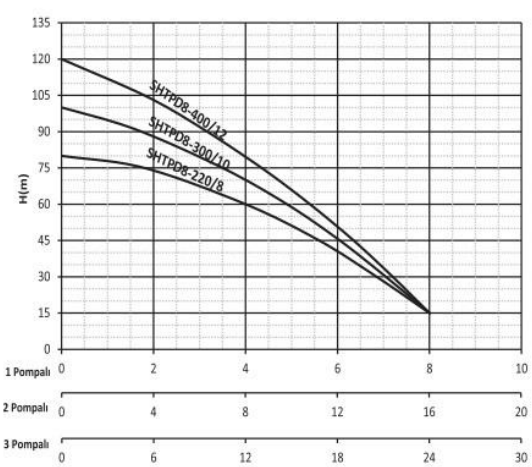
These pumps is suitable for use, 2.2 HP - 7.5 HP multi-stage water contact places are very quiet due to the complex stainless INLINE design, suitable for liquid pressures up to 155 Hm and -15 ° C + 120 ° C, because of its hygienic nature, it is used in treatment plants, food sector, hot water applications, in many sectors including waterborne systems in buildings with a maximum of 30 floors up to 144 apartments.

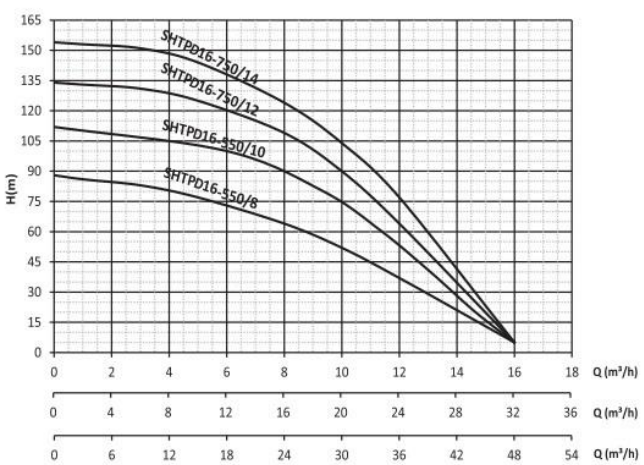
PUMP MATERIAL PROPERTIES

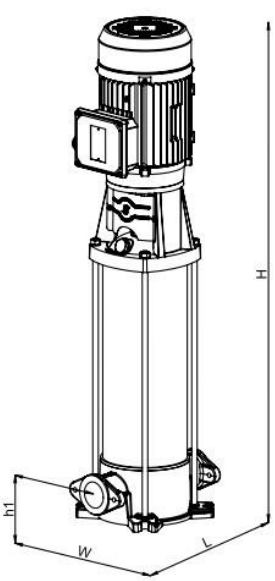
PUMP BODY	GG25
IMPELLER	AISI 304 INOX
STAGE DIFFUSER	AISI 304 INOX
SHAFT	AISI 304 INOX
LIQUID PUMPING TEMPERATURE	0-45°C - 120°C
PROTECTION CLASS	IP 54
IZOLATION	CI.F
MECHANICAL SEAL	CARTRIDGE TYPE

PUMP TECHNICAL PROPERTIES

MOTOR						PUMP													
TYPE	KW	V	Hz	A	rpm	INPUT OUTPUT	W mm	L mm	H mm	h1 mm	KG	m³/h	1	3	5	8	10	12	16
SHTPD8-220/8	1.6	380	50	4.2	2900	1 1/2 1 1/2	240	242	807	62	40	Hm	82	77	55	15	-	-	-
SHTPD8-300/10	2.2	380	50	5.2	2900	1 1/2 1 1/2	240	242	867	62	41		102	90	70	15	-	-	-
SHTPD8-400/12	3	380	50	6.2	2900	1 1/2 1 1/2	240	242	928	62	43		120	105	83	15	-	-	-
SHTPD16-550/8	4	380	50	6	2900	1 1/2 1 1/2	240	242	899	62	51		85	81	75	63	50	35	5
SHTPD16-550/10	4	380	50	7.7	2900	1 1/2 1 1/2	240	242	959	62	52		110	106	102	90	75	52	5
SHTPD16-750/12	5.5	380	50	9.5	2900	1 1/2 1 1/2	240	242	1020	62	55		133	130	125	108	88	64	5
SHTPD16-750/14	5.5	380	50	11.2	2900	1 1/2 1 1/2	240	242	1081	62	56		153	150	145	122	103	75	5







VERTICAL SHAFT STAINLESS MULTI IMPELLER AND DIFFUSER INLINE BOOSTER SETS

USAGE AREAS

This type of booster sets offers 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. It is suitable for use in hygienic environments because all surfaces that are in contact with water are full stainless. Consult your company for any multi-pump systems and water booster. 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	CONNECTION INPUT	CONNECTION OUTPUT	MAX FLOW m^3/h	CAPACITY mss	NUMBER OF FLATS	NUMBER OF FLOORS
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
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

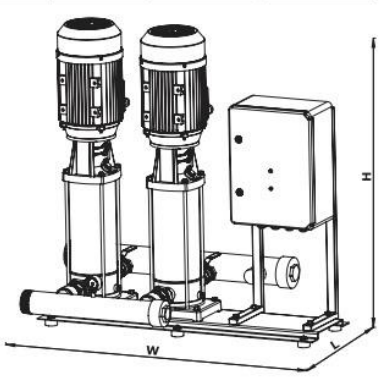
The scale is approximate and may vary.

Note: Our BOOSTER SETS are produced in classic type with pressure switch.

Please consult your company for frequency converter types.

SH T P D 8 A 30010

- SH: Pump Type
- T: M: Single phase T:Three phase
- P: Stainless Hydraulic Part
- D: GG25 Transceiver Body
- 8: Max. Pump Flow
- A: Number of Pumps A=1B=2 C=3
- 30: Pump Power (220=2.2HP-300=3.0HP)
- 10: Number of Pumps Stages



SHM6 - SHT6



DEFINITION

Vertical shaft Multi-staged pumps with stainless body
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

This type pumps are used for water booster and pressurized water needs in hospitals, residential units, hotels, public housing, petrol stations, holiday villages, shopping centres, social facilities, fire systems.

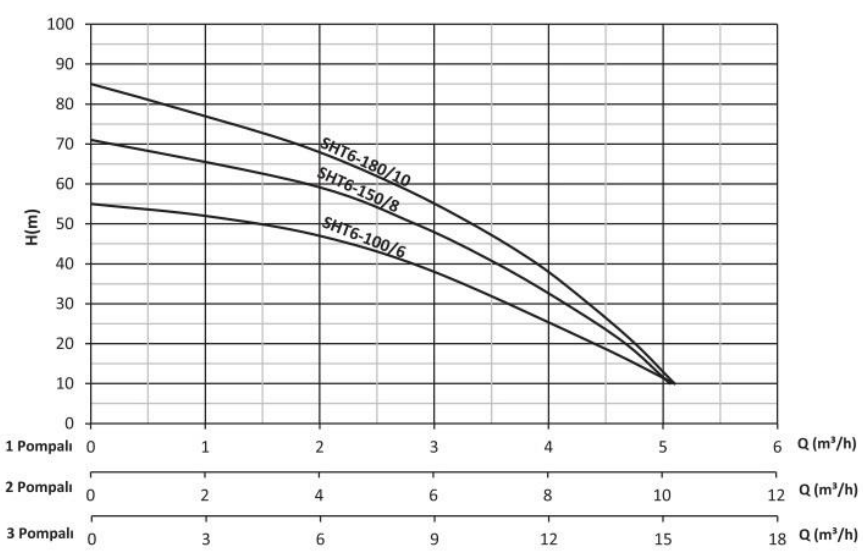
PUMP MATERIAL PROPERTIES

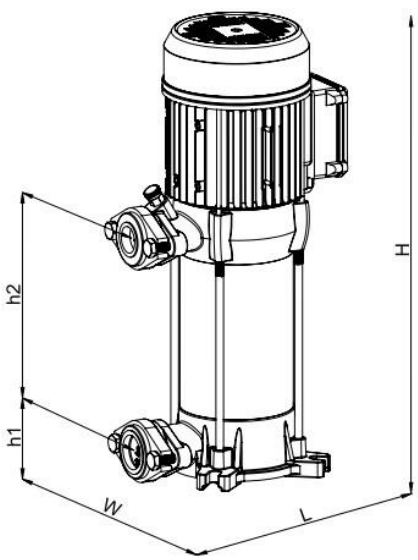
PUMP BODY	AISI 304 INOX
IMPELLER	NORLY
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
IZOLATION	CI.F
MECHANICAL SEAL	CERAMIC/CARBON

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

PUMP TECHNICAL PROPERTIES

MOTOR										PUMP													
TYPE	KW	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	INPUT OUTPUT	W mm	L mm	H mm	h1 mm	h2 mm	KG	m³/h		1	2	3	4	5
SHM6-100/6 SHT6-100/6	0.75	220	380	50	5	2.4	2900	25	450	1¼ 1"	240	290	556	33	228	18	Hm		52	46	38	10	-
SHM6-150/8 SHT6-150/8	1.1	220	380	50	5.5	2.4	2900	25	450	1¼ 1"	240	290	556	33	279	16			68	60	48	32	10
SHT6-180/10	1.35	-	380	50	-	3.2	2900	-	-	1¼ 1"	240	237	606	33	330	17			83	72	57	37	10





USAGE AREAS

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 your company for any multi-pump systems and water booster.
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	CONNECTION INPUT	CONNECTION OUTPUT	MAX FLOW m^3/h	CAPACITY mss	NUMBER OF FLATS	NUMBER OF FLOORS
SHT6A-100/6	1 x 0.75	220	380	50	2900	340	290	570	1¼	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	1¼	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	1¼	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

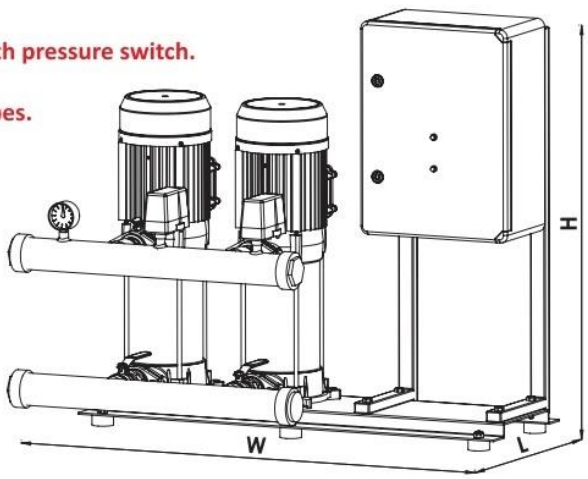
The scale is approximate and may vary.

Note: Our BOOSTER SETS are produced in classic type with pressure switch.

Please consult your company for frequency converter types.

SH M 6 A 150 8

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



SHM8 - SHT8



DEFINITION

Vertical shaft Multi-staged pumps with stainless body
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

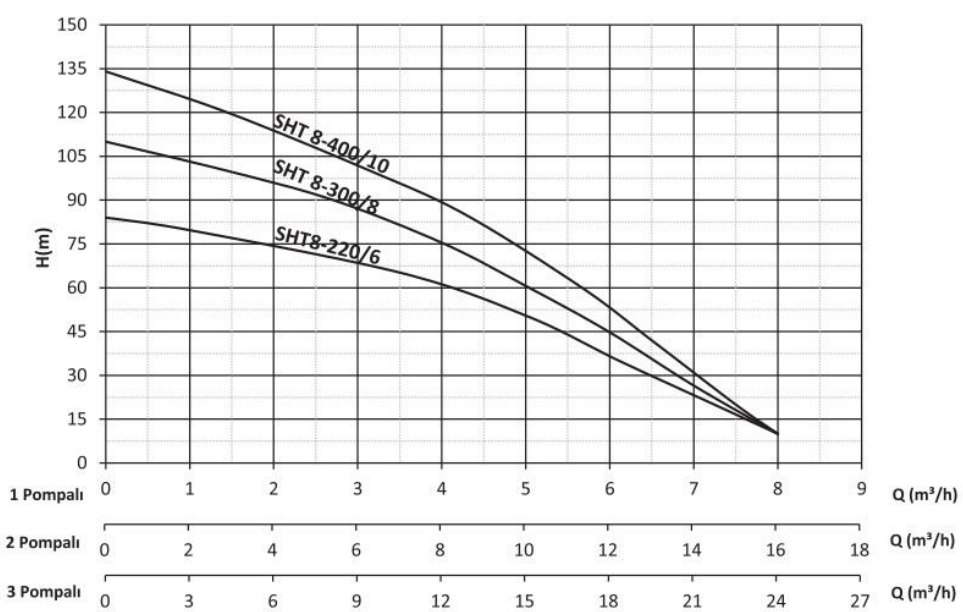
This type pumps are used for water booster and pressurized water needs in hospitals, residential units, hotels, public housing, petrol stations, holiday villages, shopping centres, social facilities, fire systems.

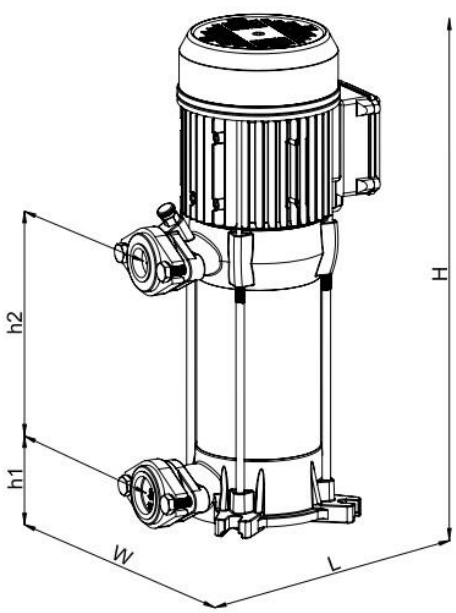
PUMP MATERIAL PROPERTIES

PUMP BODY	AISI 304 INOX
IMPELLER	NORLY
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
IZOLATION	CI.F
MECHANICAL SEAL	CERAMIC/CARBON

PUMP TECHNICAL PROPERTIES

MOTOR										PUMP												
TYPE	KW	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	INPUT OUTPUT	W mm	L mm	H mm	h1 mm	h2 mm	KG	m³/h	1	2	3	5	7
SHM8-220/6 SHT8-220/6	1.6	220	380	50	10	5.2	2900	45	450	1¼ 1"	240	290	554	35	210	22	Hm	82	77	72	56	30
SHT8-300/8	2.2	-	380	50	-	5.4	2900	-	-	1¼ 1"	240	290	600	35	257	25		105	100	92	70	35
SHT8-400/10	3	-	380	50	-	6.4	2900	-	-	1¼ 1"	240	290	645	35	304	28		127	120	110	80	38





USAGE AREAS

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 your company for any multi-pump systems and water booster.
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	CONNECTION INPUT	CONNECTION OUTPUT	MAX FLOW m^3/h	CAPACITY mss	NUMBER OF FLATS	NUMBER OF FLOORS
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	-	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	-	380	50	2900	940	465	820	2"	2"	8 - 11	80 - 60	36 - 52	17 - 10
SHT8C-300/8	3 x 2.2	-	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

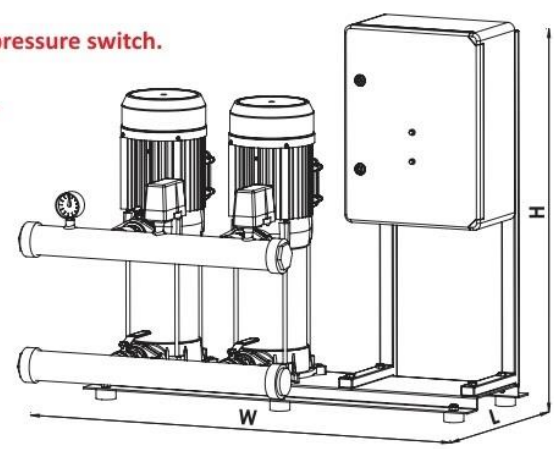
The scale is approximate and may vary.

Note: Our BOOSTER SETS are produced in classic type with pressure switch.

Please consult your company for frequency converter types.

SH M 8 A 220 6

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



SHM12 - SHT12

Shaft Housing



DEFINITION

Vertical shaft multi-staged pumps with stainless body
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

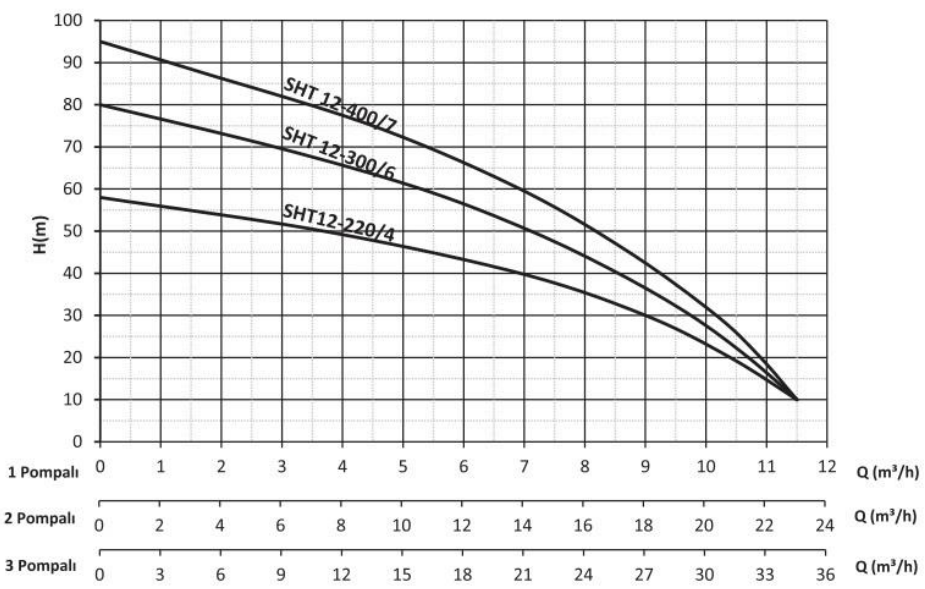
This type pumps are used for water booster and pressurized water needs in hospitals, residential units, hotels, public housing, petrol stations, holiday villages, shopping centres, social facilities, fire systems.

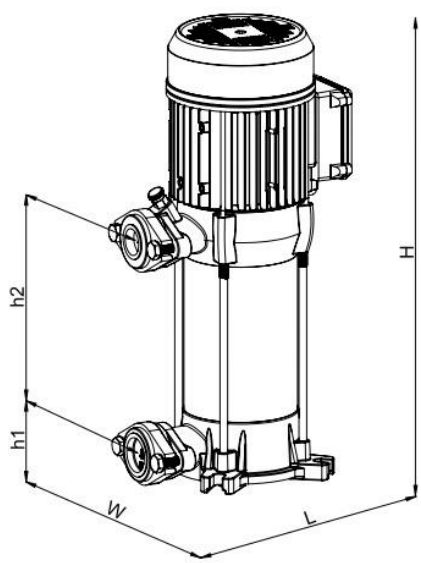
PUMP MATERIAL PROPERTIES

PUMP BODY	AISI 304 INOX
IMPELLER	NORLY
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
IZOLATION	CI.F
MECHANICAL SEAL	CERAMIC/CARBON

PUMP TECHNICAL PROPERTIES

MOTOR										PUMP													
TYPE	KW	V SINGLE	V THREE	Hz	A SINGLE	A THREE	rpm	CAPACITOR uf	CAPACITOR Vc	INPUT OUTPUT	W mm	L mm	H mm	h1 mm	h2 mm	KG	m³/h	2	4	6	8	10
SHM12-220/4 SHT12-220/4	1.6	220	380	50	11	5.5	2900	45	450	1 1/4 1 1/4	240	290	496	35	183	22	Hm	57	53	50	43	32
SHT12-300/6	2.2	-	380	50	-	5.7	2900	-	-	1 1/4 1 1/4	240	290	551	35	240	24		77	72	63	52	37
SHT12-400/7	3	-	380	50	-	8	2900	-	-	1 1/4 1 1/4	240	290	585	35	268	28		91	87	76	62	47





USAGE AREAS

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 your company for any multi-pump systems and water booster.
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	CONNECTION INPUT	CONNECTION OUTPUT	MAX FLOW m^3/h	CAPACITY mss	NUMBER OF FLATS	NUMBER OF FLOORS
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	-	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	-	380	50	2900	940	465	820	2"	2"	8 - 15	70 - 50	38 - 70	14 - 9
SHT12C 300/6	3 x 2.2	-	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

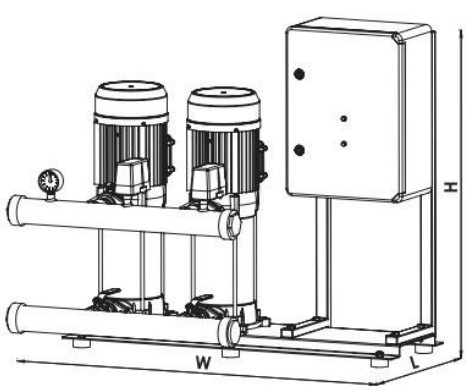
The scale is approximate and may vary.

Note: Our BOOSTER SETS are produced in classic type with pressure switch.

Please consult your company for frequency converter 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

Shaft Housing



DEFINITION

Vertical shaft Multi-staged pumps with stainless body
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

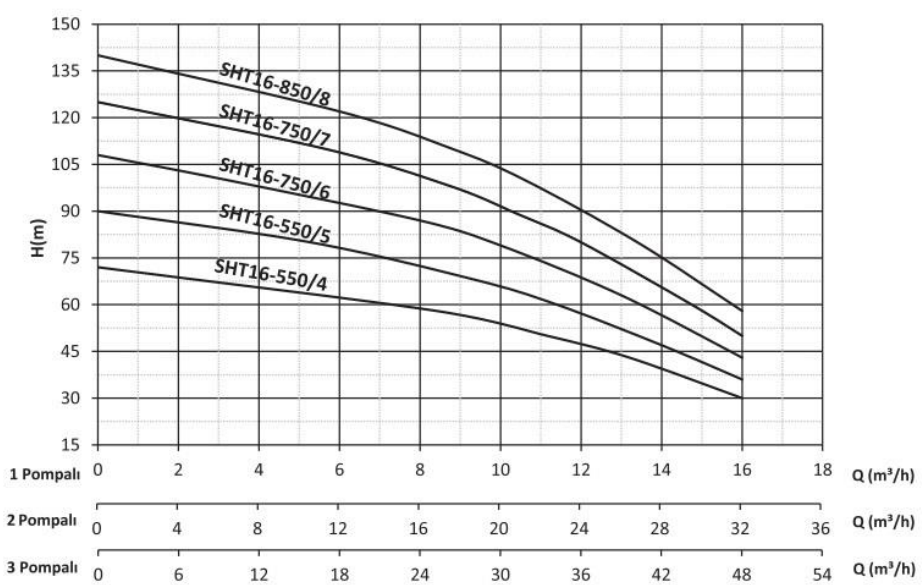
This type pumps are used for water booster and pressurized water needs in hospitals, residential units, hotels, public housing, petrol stations, holiday villages, shopping centres, social facilities, fire systems.

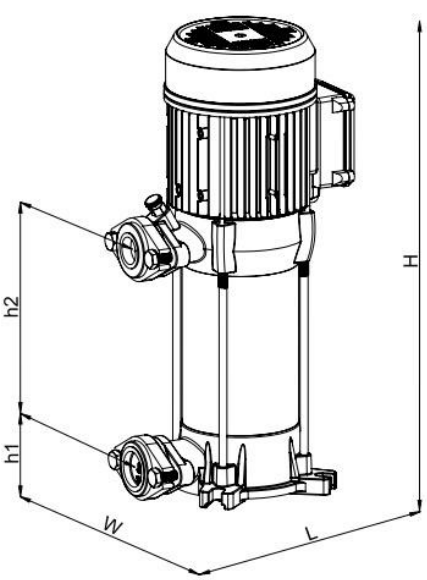
PUMP MATERIAL PROPERTIES

PUMP BODY	AISI 304 INOX
IMPELLER	NORLY
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
IZOLATION	CI.F
MECHANICAL SEAL	CERAMIC/CARBON

PUMP TECHNICAL PROPERTIES

MOTOR						PUMP											
TYPE	KW	V	Hz	A	rpm	INPUT OUTPUT	W mm	L mm	H mm	h1 mm	h2 mm	KG	m³/h	2	6	10	12	16
SHT16 - 550/4	4	380	50	8	2900	$1^{1/2}$ $1^{1/4}$	240	220	580	40	206	37	Hm	67	61	52	45	30
SHT16 - 550/5	4	380	50	9.7	2900	$1^{1/2}$ $1^{1/4}$	240	220	610	40	239	38		83	78	67	58	37
SHT16 - 750/6	5.5	380	50	11.2	2900	$1^{1/2}$ $1^{1/4}$	240	220	660	40	272	43		100	91	78	68	44
SHT16 - 750/7	5.5	380	50	11.4	2900	$1^{1/2}$ $1^{1/4}$	240	220	690	40	305	44		120	109	91	80	50
SHT16-850/8	6.3	380	50	12.8	2900	$1^{1/2}$ $1^{1/4}$	240	220	720	40	338	48		135	121	104	90	59





USAGE AREAS

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 your company for any multi-pump systems and water booster.
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	CONNECTION INPUT	CONNECTION OUTPUT	MAX FLOW m^3/h	CAPACITY mss	NUMBER OF FLATS	NUMBER OF FLOORS
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

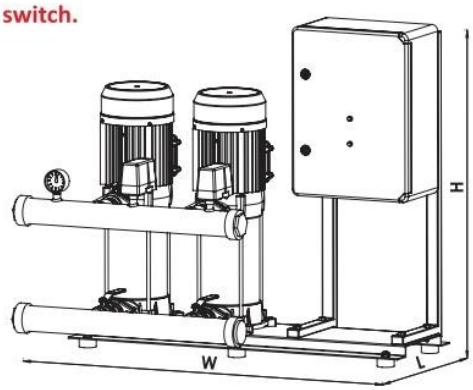
The scale is approximate and may vary.

Note: Our BOOSTER SETS are produced in classic type with pressure switch.

Please consult your company for frequency converter types.

SH T 16 A 750 6

- SH — Pump Type
- T — M:Single Phase T:Three Phase
- 16 — Max. Three Phase
- A — Number of Pumps A=1 B=2 C=3
- 750 — Pump Power (HP)
- 6 — Number of Pump Stages



SHT24

Shaft Housing



DEFINITION

Vertical shaft Multi-staged pumps
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

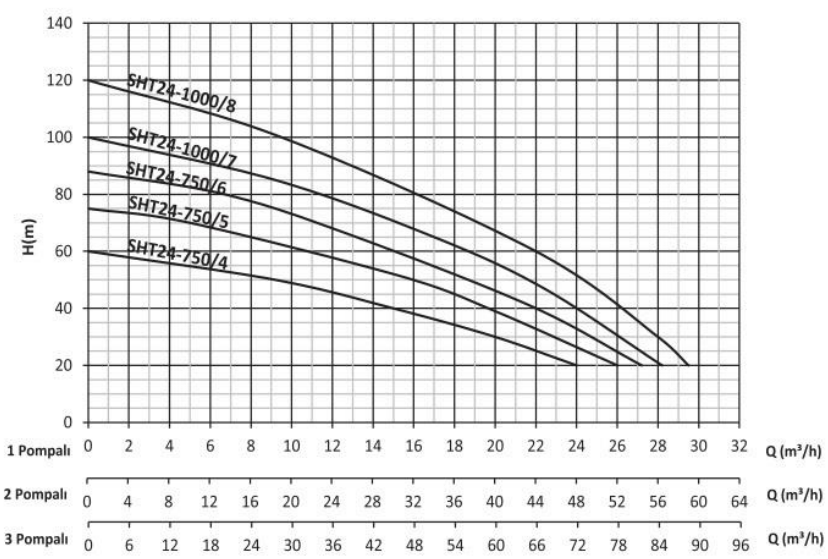
This type pumps are used for water booster and pressurized water needs in hospitals, residential units, hotels, public housing, petrol stations, holiday villages, shopping centres, social facilities, fire systems.

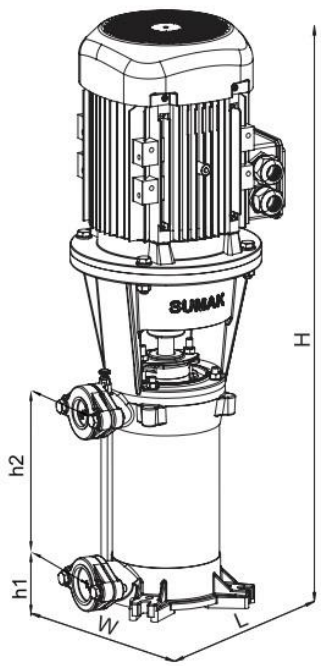
PUMP MATERIAL PROPERTIES

PUMP BODY	AISI 304 INOX
IMPELLER	NORLY
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
IZOLATION	CI.F
MECHANICAL SEAL	CERAMIC/CARBON

PUMP TECHNICAL PROPERTIES

MOTOR						PUMP												
TYPE	KW	V	Hz	A	rpm	INPUT OUTPUT	W mm	L mm	H mm	h1 mm	h2 mm	KG	m³/h	8	12	16	20	24
SHT24-750/4	5.5	380	50	11	2900	2" 1½	304	336	920	44	279	67	Hm	51	45	37	30	20
SHT24-750/5	5.5	380	50	11	2900	2" 1½	304	336	970	44	327	68		65	57	50	39	25
SHT24-750/6	5.5	380	50	11	2900	2" 1½	304	336	1010	44	375	68		77	68	57	45	33
SHT24-1000/7	7.5	380	50	15	2900	2" 1½	304	336	1120	44,	423	85		87	78	67	55	40
SHT24-1000/8	7.5	380	50	15	2900	2" 1½	304	336	1170	44	471	86		105	95	80	67	51





USAGE AREAS

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 your company for any multi-pump systems and water booster.
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	CONNECTION INPUT	CONNECTION OUTPUT	MAX FLOW m^3/h	CAPACITY mss	NUMBER OF FLATS	NUMBER OF FLOORS
SHT24A 750/4	1 x 5.5	380	50	2900	750	517	1065	2"	2"	9 - 20	50 - 30	42 - 95	8 - 3
SHT24B 750/4	2 x 5.5	380	50	2900	1105	567	1065	3"	2½	18 - 40	50 - 30	84 - 190	8 - 3
SHT24C 750/4	3 x 5.5	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

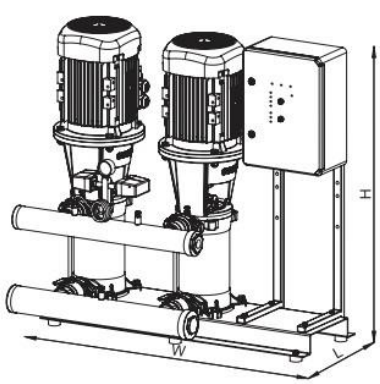
The scale is approximate and may vary.

Note: Our BOOSTER SETS are produced in classic type with pressure switch.

Please consult your company for frequency converter types.

SH T 24 A 1000 7

- 7 — Number of Pump 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



SHT34

Shaft Housing



DEFINITION

Vertical shaft Multi-staged pumps
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

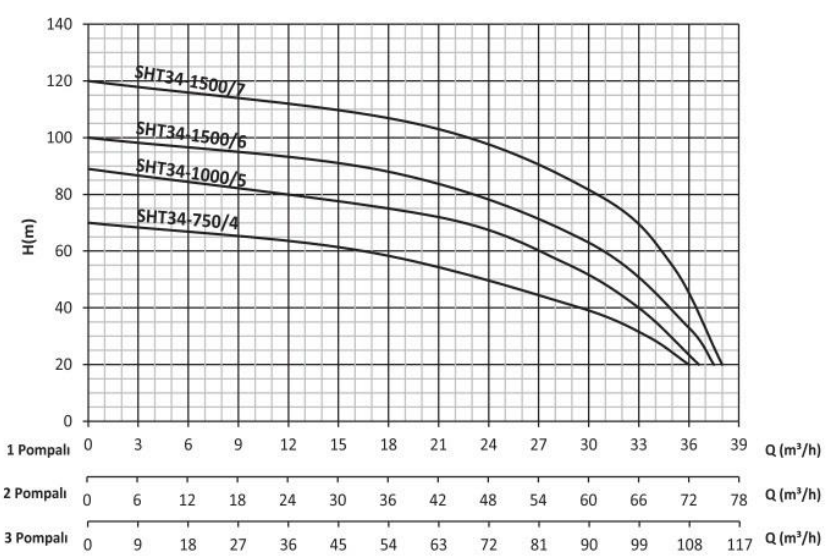
This type pumps are used for water booster and pressurized water needs in hospitals, residential units, hotels, public housing, petrol stations, holiday villages, shopping centres, social facilities, fire systems.

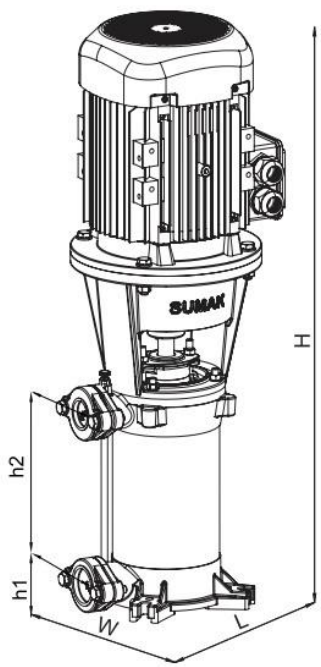
PUMP MATERIAL PROPERTIES

PUMP BODY	AISI 304 INOX
IMPELLER	NORLY
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
IZOLATION	CI.F
MECHANICAL SEAL	CERAMIC/CARBON

PUMP TECHNICAL PROPERTIES

MOTOR						PUMP											
TYPE	KW	V	Hz	A	rpm	INPUT OUTPUT	W mm	L mm	H mm	h1 mm	h2 mm	KG	m³/h	12	18	24	30	36
SHT34-750/4	5.5	380	50	11	2900	2" 1½	340	336	920	44	279	80	Hm	64	58	50	39	20
SHT34-1000/5	7.5	380	50	15	2900	2" 1½	340	336	1030	44	327	92		80	75	67	51	25
SHT34-1500/6	11	380	50	22	2900	2" 1½	340	336	1100	44	375	93		93	88	78	62	33
SHT34-1500/7	11	380	50	22	2900	2" 1½	340	336	1150	44	423	94		112	106	97	81	45





USAGE AREAS

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 your company for any multi-pump systems and water booster.
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	CONNECTION INPUT	CONNECTION OUTPUT	MAX FLOW m^3/h	CAPACITY mss	NUMBER OF FLATS	NUMBER OF FLOORS
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

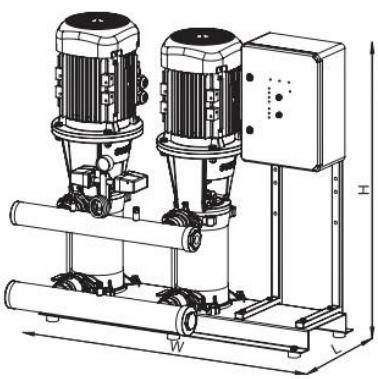
The scale is approximate and may vary.

Note: Our BOOSTER SETS are produced in classic type with pressure switch.

Please consult your company for frequency converter types.

SH T 34 A 15006

- Number of Pump Stage
- Pump Power (HP)
- Number of Pump A=1 B=2 C=3
- Max. Pump Flow
- T:Three Phase
- Pump Type



SHT32



DEFINITION

Vertical shaft Multi-staged pumps
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

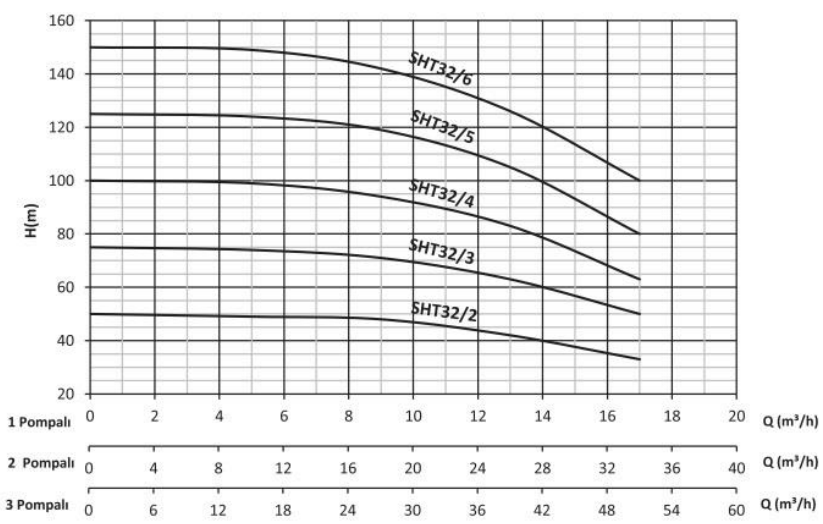
This type pumps are used for water booster and pressurized water needs in hospitals, residential units, hotels, public housing, petrol stations, holiday villages, shopping centres, social facilities, fire systems.

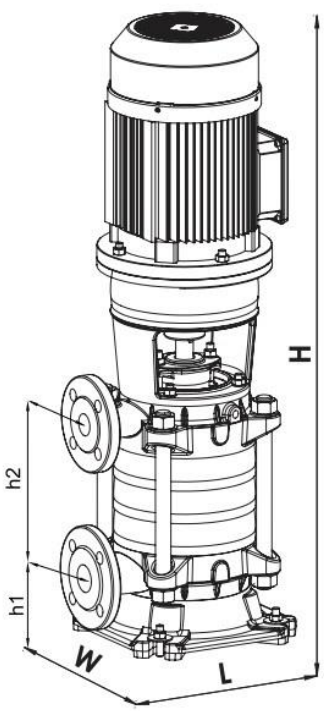
PUMP MATERIAL PROPERTIES

PPUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
IZOLATION	CI.F
MECHANICAL SEAL	CERAMIC/CARBON

PUMP TECHNICAL PROPERTIES

MOTOR					PUMP											
TYPE	KW	V	Hz	rpm	INPUT OUTPUT	W mm	L mm	H mm	h1 mm	h2 mm	KG	m³/h	6	8	10	12	16
SHT32/2	3	380	50	2900	1 1/2 1 1/4	240	236	820	100	131	87	Hm	48	47	46	44	35
SHT32/3	4	380	50	2900	1 1/2 1 1/4	240	284	870	100	179	101		73	72	70	65	52
SHT32/4	5.5	380	50	2900	1 1/2 1 1/4	240	332	920	100	227	107		98	95	91	86	68
SHT32/5	7.5	380	50	2900	1 1/2 1 1/4	240	380	990	100	275	134		123	120	115	110	85
SHT32/6	11	380	50	2900	1 1/2 1 1/4	240	428	1040	100	323	156		147	145	139	130	106





USAGE AREAS

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 your company for any multi-pump systems and water booster.
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	CONNECTION INPUT	CONNECTION OUTPUT	MAX FLOW m^3/h	CAPACITY mss
SHTA 32/2	1 x 3	380	50	2900	335	800	1119	1 1/2	1 1/4	13 - 19	40 - 20
SHTB 32/2	2 x 3	380	50	2900	675	1415	1119	3"	2 1/2	26 - 38	40 - 20
SHTC 32/2	3 x 3	380	50	2900	1106	1415	1119	4"	3"	39 - 57	40 - 20
SHTA 32/3	1 x 4	380	50	2900	335	800	1209	1 1/2	1 1/4	10 - 18	70 - 30
SHTB 32/3	2 x 4	380	50	2900	675	1015	1209	3"	2 1/2	20 - 36	70 - 30
SHTC 32/3	3 x 4	380	50	2900	1106	1015	1209	4"	3"	30 - 54	70 - 30
SHTA 32/4	1 x 5.5	380	50	2900	335	800	1274	1 1/2	1 1/4	10 - 19	90 - 60
SHTB 32/4	2 x 5.5	380	50	2900	675	1015	1274	3"	2 1/2	20 - 38	90 - 60
SHTC 32/4	3 x 5.5	380	50	2900	1106	1015	1274	4"	3"	30 - 57	90 - 60
SHTA 32/5	1 x 7.5	380	50	2900	335	800	1385	1 1/2	1 1/4	12 - 17	110 - 70
SHTB 32/5	2 x 7.5	380	50	2900	675	1015	1385	3"	2 1/2	24 - 34	110 - 70
SHTC 32/5	3 x 7.5	380	50	2900	1106	1015	1385	4"	3"	36 - 51	110 - 70
SHTA 32/6	1 x 11	380	50	2900	335	800	1479	1 1/2	1 1/4	12 - 18	130 - 90
SHTB 32/6	2 x 11	380	50	2900	675	1015	1479	3"	2 1/2	24 - 36	130 - 90
SHTC 32/6	3 x 11	380	50	2900	1106	1015	1479	4"	3"	36 - 54	130 - 90

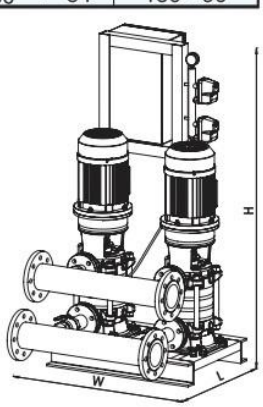
The scale is approximate and may vary.

Note: Our BOOSTER SETS are produced in classic type with pressure switch.

Please consult your company for frequency converter types.

SH T A 32 6 11

- Pump Type
- T:Three Phase
- Max. Pump Flow
- Number of Pump A=1 B=2 C=3
- Number of Pump Stage
- Pompa Power (KW)



SHT40



DEFINITION

Vertical shaft Multi-staged pumps
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

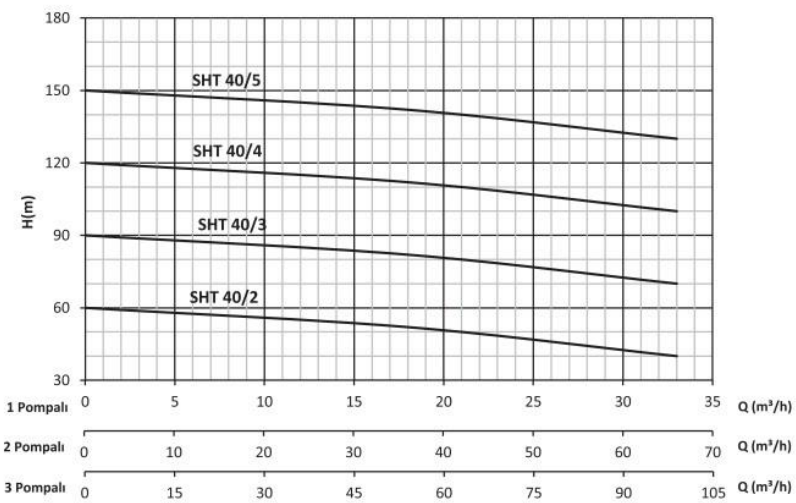
This type pumps are used for water booster and pressurized water needs in hospitals, residential units, hotels, public housing, petrol stations, holiday villages, shopping centres, social facilities, fire systems.

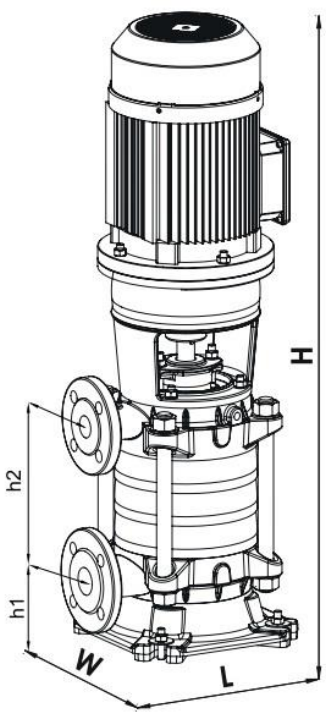
PUMP MATERIAL PROPERTIES

PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
IZOLATION	CI.F
MECHANICAL SEAL	CERAMIC/CARBON

PUMP TECHNICAL PROPERTIES

MOTOR					PUMP												
TYPE	KW	V	Hz	rpm	INPUT OUTPUT	W mm	L mm	H mm	h1 mm	h2 mm	KG	m³/h	10	15	20	25	30
SHT40/2	7.5	380	50	2900	2" 1 1/2	305	305	910	105	145	127.5	Hm	55	52	50	48	42
SHT40/3	11	380	50	2900	2" 1 1/2	305	305	965	105	200	153		85	82	80	78	72
SHT40/4	15	380	50	2900	2" 1 1/2	305	305	1040	105	255	176.5		115	112	110	108	102
SHT40/5	18.5	380	50	2900	2" 1 1/2	305	305	1115	105	310	215		145	142	140	138	132





USAGE AREAS

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 your company for any multi-pump systems and water booster.
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	CONNECTON INPUT	CONNECTON OUTPUT	MAX FLOW m^3/h	CAPACITY mss
SHTA40/2	1 x 7.5	380	50	2900	335	800	1255	2"	1 1/2	32 - 38	40 - 30
SHTB40/2	2 x 7.5	380	50	2900	675	1415	1255	3"	3"	64 - 76	40 - 30
SHTC40/2	3 x 7.5	380	50	2900	1106	1415	1255	5"	4"	96 - 114	40 - 30
SHTA40/3	1 x 11	380	50	2900	335	800	1356	2"	1 1/2	20 - 33	80 - 60
SHTB40/3	2 x 11	380	50	2900	675	1015	1356	3"	3"	40 - 66	80 - 60
SHTC40/3	3 x 11	380	50	2900	1106	1015	1356	5"	4"	60 - 99	80 - 60
SHTA40/4	1 x 15	380	50	2900	335	800	1511	2"	1 1/2	20 - 34	110 - 80
SHTB40/4	2 x 15	380	50	2900	675	1015	1511	3"	3"	40 - 68	110 - 80
SHTC40/4	3 x 15	380	50	2900	1106	1015	1511	5"	4"	60 - 102	110 - 80
SHTA40/5	1 x 18.5	380	50	2900	335	800	1610	2"	1 1/2	32 - 35	130 - 90
SHTB40/5	2 x 18.5	380	50	2900	675	1015	1610	3"	3"	64 - 70	130 - 90
SHTC40/5	3 x 18.5	380	50	2900	1106	1015	1610	5"	4"	96 - 105	130 - 90

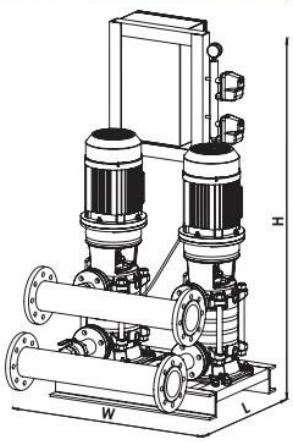
The scale is approximate and may vary.

Note: Our booster sets are produced in classic type with pressure switch.

Please consult your company for frequency converter types.

SH T A 40 3 11

- Pump Power(KW)
- Number of Pump Stage
- Pressure Flange Nominal Diameter
- Number of Pumps A=1 B=2 C=3
- T:Three Phase
- Pump Type



SHT50



DEFINITION

Vertical shaft Multi-staged pumps
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

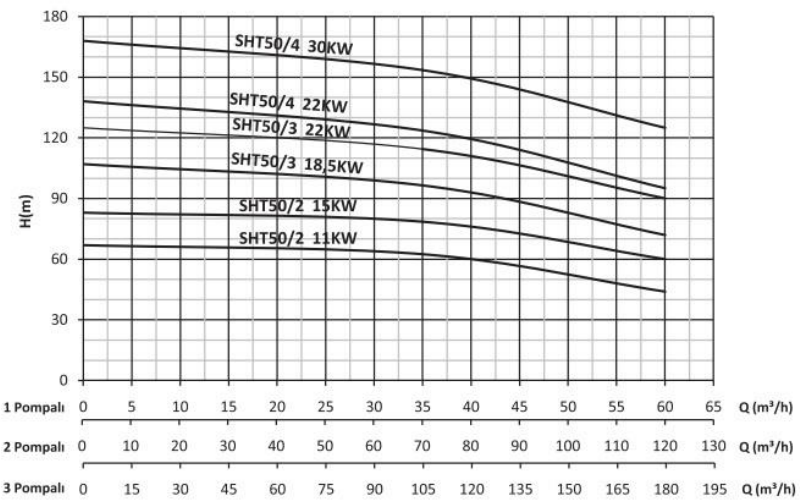
This type pumps are used for water booster and pressurized water needs in hospitals, residential units, hotels, public housing, petrol stations, holiday villages, shopping centres, social facilities, fire systems.

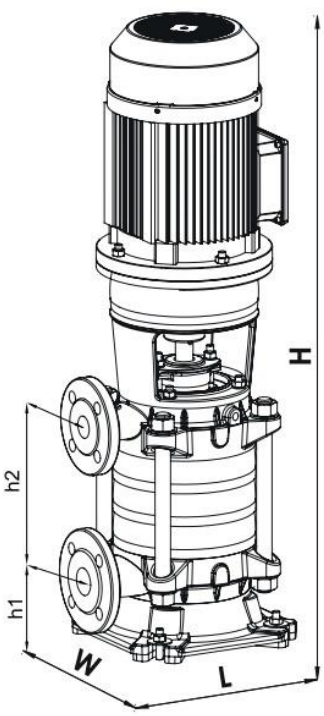
PUMP MATERIAL PROPERTIES

PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
IZOLATION	CI.F
MECHANICAL SEAL	CERAMIC/CARBON

PUMP TECHNICAL PROPERTIES

MOTOR					PUMP											
TYPE	KW	V	Hz	rpm	INPUT OUTPUT	W mm	L mm	H mm	h1 mm	h2 mm	KG	m³/h	35	40	45	50
SHT50/2	11	380	50	2900	2 1/2"	355	355	1050	120	169	195	Hm	61	60	58	50
SHT50/2	15	380	50	2900	2 1/2"	355	355	1070	120	169	205		78	75	70	68
SHT50/3	18.5	380	50	2900	2 1/2"	355	355	1135	120	236	247		95	92	88	81
SHT50/3	22	380	50	2900	2 1/2"	355	355	1155	120	236	255		112	110	105	100
SHT50/4	22	380	50	2900	2 1/2"	355	355	1245	120	303	268		122	120	112	108
SHT50/4	30	380	50	2900	2 1/2"	355	355	1265	120	303	279		152	150	142	137





USAGE AREAS

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 your company for any multi-pump systems and water booster.
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	CONNECTION INPUT	CONNECTION OUTPUT	MAX FLOW m^3/h	CAPACITY mss
SHTA50/2	1 x 11	380	50	2900	435	800	1440	2 1/2	2"	27 - 48	65 - 50
SHTB50/2	2 x 11	380	50	2900	875	1515	1440	5"	4"	54 - 96	65 - 50
SHTC50/2	3 x 11	380	50	2900	1350	1515	1440	6"	5"	81 - 144	65 - 50
SHTA50/2	1 x 15	380	50	2900	435	800	1500	2 1/2	2"	28 - 50	80 - 60
SHTB50/2	2 x 15	380	50	2900	875	1515	1500	5"	4"	56 - 100	80 - 60
SHTC50/2	3 x 15	380	50	2900	1350	1515	1500	6"	5"	84 - 150	80 - 60
SHTA50/3	1 x 18.5	380	50	2900	435	800	1590	2 1/2	2"	27 - 55	100 - 70
SHTB50/3	2 x 18.5	380	50	2900	875	1015	1590	5"	4"	54 - 110	100 - 70
SHTC50/3	3 x 18.5	380	50	2900	1350	1015	1590	6"	5"	81 - 165	100 - 70
SHTA50/3	1 x 22	380	50	2900	435	800	1670	2 1/2	2"	20 - 52	120 - 90
SHTB50/3	2 x 22	380	50	2900	875	1015	1670	5"	4"	40 - 104	120 - 90
SHTC50/3	3 x 22	380	50	2900	1350	1015	1670	6"	5"	60 - 156	120 - 90
SHTA50/4	1 x 22	380	50	2900	435	800	1720	2 1/2	2"	20 - 50	130 - 100
SHTB50/4	2 x 22	380	50	2900	875	1015	1720	5"	4"	40 - 100	130 - 100
SHTC50/4	3 x 22	380	50	2900	1350	1015	1720	6"	5"	60 - 150	130 - 100
SHTA50/4	1 x 30	380	50	2900	435	800	1750	2 1/2	2"	25 - 50	160 - 100
SHTB50/4	2 x 30	380	50	2900	875	1015	1750	5"	4"	50 - 100	160 - 100
SHTC50/4	3 x 30	380	50	2900	1350	1015	1750	6"	5"	75 - 150	160 - 100

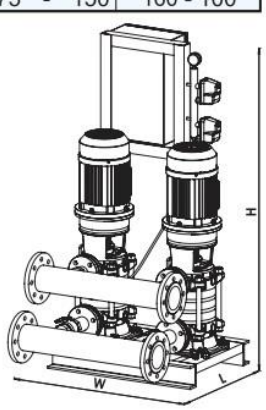
The scale is approximate and may vary.

Note: Our booster sets are produced in classic type with pressure switch.

Please consult your company for frequency converter 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 Pump Stages
- Pump Power (KW)



SHT65



DEFINITION

Vertical shaft multi-staged pumps
It is manufactured at frequencies of 50 Hz and 60 Hz.

USAGE AREAS

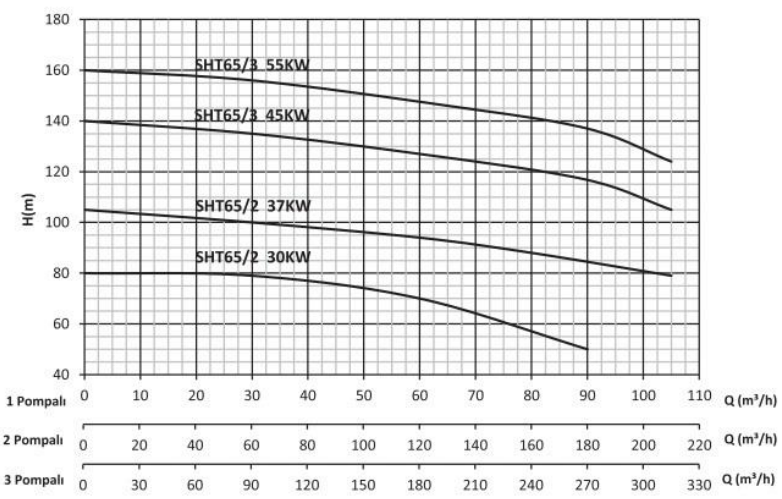
This type pumps are used for water booster and pressurized water needs in hospitals, residential units, hotels, public housing, petrol stations, holiday villages, shopping centres, social facilities, fire systems.

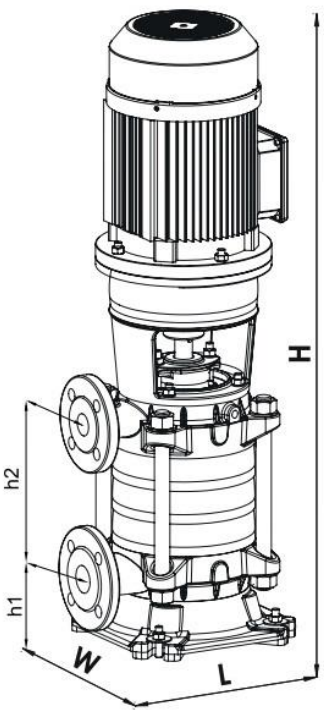
PUMP MATERIAL PROPERTIES

PUMP BODY	GG25 CASTING
IMPELLER	GG25 CASTING
SHAFT	AISI 420
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
IZOLATION	CI.F
MECHANICAL SEAL	CERAMIC/CARBON

PUMP TECHNICAL PROPERTIES

MOTOR					PUMP											
TYPE	KW	V	Hz	rpm	INPUT OUTPUT	W mm	L mm	H mm	h1 mm	h2 mm	KG	m³/h	60	70	80	90
SHT65/2	30	380	50	2900	3" 2 1/2	375	375	1185	130	200	259	Hm	70	65	57	50
SHT65/2	37	380	50	2900	3" 2 1/2	375	375	1205	130	200	269		92	91	88	84
SHT65/3	45	380	50	2900	3" 2 1/2	375	375	1260	130	275	375		127	124	120	116
SHT65/3	55	380	50	2900	3" 2 1/2	375	375	1290	130	275	432		143	142	138	137





USAGE AREAS

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 your company for any multi-pump systems and water booster.
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	CONNECTION INPUT	CONNECTION OUTPUT	MAX FLOW m^3/h	CAPACITY mss
SHTA65/2	1 x 30	380	50	2900	435	800	1539	3"	2 1/2	45 - 75	75 - 60
SHTB65/2	2 x 30	380	50	2900	975	1570	1539	6"	5"	90 - 150	75 - 60
SHTC65/2	3 x 30	380	50	2900	1466	1570	1539	8"	6"	135 - 225	75 - 60
SHTA65/2	1 x 37	380	50	2900	435	800	1559	3"	2 1/2	30 - 100	100 - 80
SHTB65/2	2 x 37	380	50	2900	975	1570	1559	6"	5"	60 - 200	100 - 80
SHTC65/2	3 x 37	380	50	2900	1466	1570	1559	8"	6"	90 - 300	100 - 80
SHTA65/3	1 x 45	380	50	2900	435	800	1702	3"	2 1/2	50 - 80	130 - 120
SHTB65/3	2 x 45	380	50	2900	975	1015	1702	6"	5"	100 - 160	130 - 120
SHTC65/3	3 x 45	380	50	2900	1466	1015	1702	8"	6"	150 - 240	130 - 120
SHTA65/3	1 x 55	380	50	2900	435	800	1702	3"	2 1/2	50 - 90	150 - 135
SHTB65/3	2 x 55	380	50	2900	975	1015	1702	6"	5"	100 - 180	150 - 135
SHTC65/3	3 x 55	380	50	2900	1466	1015	1702	8"	6"	150 - 270	150 - 135

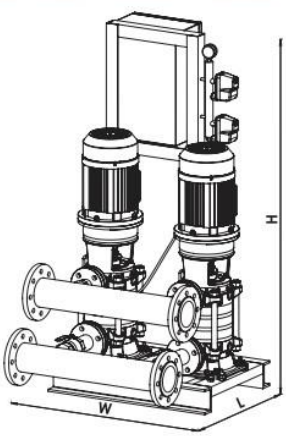
The scale is approximate and may vary.

Note: Our BOOSTER SETS are produced in classic type with pressure switch.

Please consult your company for frequency converter types.

SH T A 65 2 30

- 30 — Pump Power (KW)
- 2 — Number of Pumps Stages
- 65 — Pressure Flange Nominal Diameter
- A — Number of Pumps A=1 B=2 C=3
- T — T:Three Phase
- SH — Pump Type



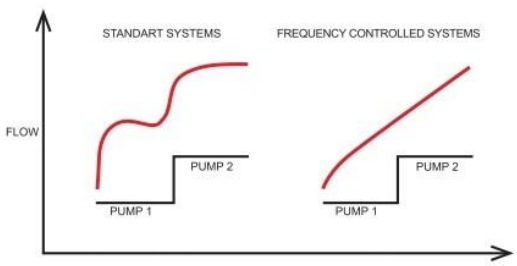
FREQUENCY CONTROLLED BOOSTER SETS

DEFINITION

Frequency Controlled BOOSTER SETS are used to maximize energy savings and to provide continuous pressurized water for variable flow demand. With the frequency converter, high efficiency and protection is ensured in the pumps. Depending on demand, all our BOOSTER SETS are manufactured with frequency drive.

PROPERTIES

- More economical due to high energy saving
- Unique protection with upgraded security systems
- Lower starting current
- Lower water-hammer risk with adjustable starting and stopping time
- Precise pressure measurement with pressure transmitters
- Motor transport system
- Equal aging system with rotation
- Digital control panel
- 0,37 KW - 55 KW
- Multi-pump controlled
- RoHs compliant
- CE Certified



USAGE AREAS

- Villas, apartments and sites,
- Hospitals, schools, business centres, hotels, social facilities and holiday villages,
- The garden, park, greenhouse and farms,
- Warehouse, refinery, shipyard, factory and water treatment plants.



TYPE	KW	V	Hz	d/d	Hm
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

USAGE AREAS

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 your company for any multi-pump systems and frequency controlled water booster.
It is manufactured at frequencies of 50 Hz and 60 Hz.



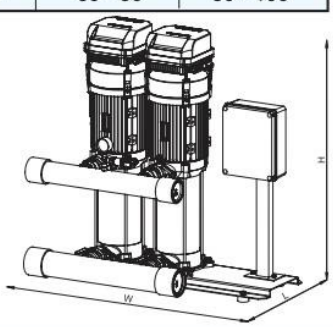




MOTOR					PUMP						
TYPE	KW	V	Hz	rpm	W mm	L mm	H mm	CONNECTION INPUT	CONNECTION OUTPUT	MAX. FLOW m³/h	CAPACITY mss
SHT 6A 180/10 FK	1x1.35	380	50	2900	340	290	624	1¼	1"	3.2 - 1.5	50 - 70
SHT 6B 180/10 FK	2x1.35	380	50	2900	940	465	834	2"	2"	6.4 - 3	50 - 70
SHT 6C 180/10 FK	3x1.35	380	50	2900	1190	465	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

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



SUMAK®

FIRE FIGHTING SYSTEMS























NFPA®
MEMBER 09-10
2712407



USAGE AREAS

Designed according to the power, flow and discharge heights specified in the projects, these types of fire extinguishing BOOSTER SETS designed according to NFPA20 standards are used in military facilities, hospitals, business and shopping centres, factories, public housing, storage, ships, schools and social service buildings .

EY



EEY



EEEY

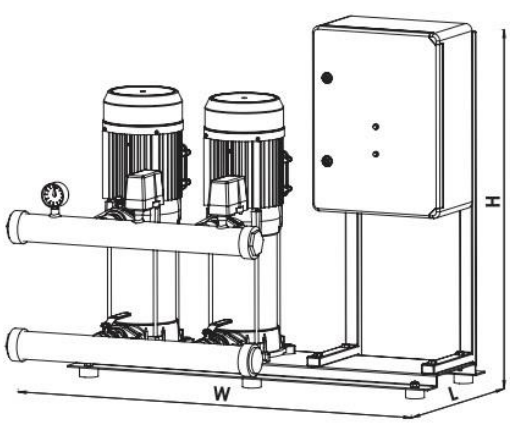


MOTOR					PUMP						
TYPE	KW	V	Hz	rpm	W mm	L mm	H mm	CONNECTION INPUT	CONNECTION OUTPUT	60mss	80mss
SHT 12 A 400/7 EY	1x3	380	50	2900	350	290	585	$1^{1/4}$	$1^{1/4}$	1x7m³	1x5m³
SHT 12 B 400/7 EEY	2x3	380	50	2900	940	465	820	2"	2"	2x7m³	2x5m³
SHT 12 C 400/7 EEEY	3x3	380	50	2900	1190	465	820	2"	2"	3x7m³	3x5m³
SHT 16 A 550/5 EY	1x4	380	50	2900	370	330	660	$1^{1/2}$	$1^{1/4}$	1x12m³	1x7m³
SHT 16 B 550/5 EEY	2x4	380	50	2900	940	550	820	3"	$2^{1/2}$	2x12m³	2x7m³
SHT 16 C 550/5 EEEY	3x4	380	50	2900	1190	550	820	3"	$2^{1/2}$	3x12m³	3x7m³
SHT16 A 750/7 EY	1x5.5	380	50	2900	370	330	700	$1^{1/2}$	$1^{1/4}$	1x16m³	1x12m³
SHT 16 B 750/7 EEY	2x5.5	380	50	2900	940	550	820	3"	$2^{1/2}$	2x16m³	2x12m³
SHT 16 C 750/7 EEEY	3x5.5	380	50	2900	1190	550	820	3"	$2^{1/2}$	3x16m³	3x12m³
SHT 24 A 1000/7 EY	1x7.5	380	50	2900	817	670	1145	2"	2"	1x20m³	1x16m³
SHT 24 B 1000/7 EEY	2x7.5	380	50	2900	1177	684	1145	3"	$2^{1/2}$	2x20m³	2x16m³
SHT 24 C 1000/7 EEEY	3x7.5	380	50	2900	1537	684	1145	DN100	3"	3x20m³	3x16m³
SHT 34 A 1500/6 EY	1x11	380	50	2900	817	670	1105	2"	2"	1x32m³	1x24m³
SHT 34 B 1500/6 EEY	2x11	380	50	2900	1117	684	1105	3"	$2^{1/2}$	2x32m³	2x24m³
SHT 34 C 1500/6 EEEY	3x11	380	50	2900	1537	684	1105	DN100	3"	3x32m³	3x24m³

***A 16 bar expansion tank should be used in pump types over 10 bar.**

SH T16 A 550 5 EEE Y

- Fire
- Electrical
- Number of Pump Stages
- Pump Power (KW)
- Number of Pumps (A=1 B=2 C=3 Pumps)
- Motor Structure Size
- T:Three Phase
- Pump Type



New Product



EY



EJY



EEJY

ELECTRIC FIRE FIGHTING SYSTEMS

TYPE	CIRCUIT	MOTOR POWER	OPERATING	W mm	L mm	H mm	CONNECTION INPUT	CONNECTION OUTPUT	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

ELECTRIC + JOCKEY FIRE FIGHTING SYSTEMS

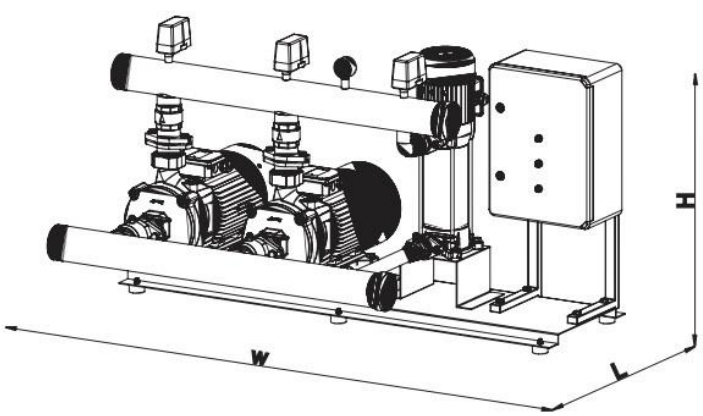
TYPE	CIRCUIT	MOTOR POWER	OPERATING	W mm	L mm	H mm	CONNECTION INPUT	CONNECTION OUTPUT	mss	m³/h
SMKT 750 EJY	3000	1x7.5 HP 1x1.8 HP	AUTOMATIC	950	790	730	3"	2 1/2	60 80	1x15 1x12
SMKT 750/2 EJY	3000	1x7.5 HP 1x1.8 HP	AUTOMATIC	950	850	730	3"	2 1/2	40 60	1x26 1x15

ELECTRIC + ELECTRIC + JOCKEY FIRE FIGHTING SYSTEMS

TYPE	CIRCUIT	MOTOR POWER	OPERATING	W mm	L mm	H mm	CONNECTION INPUT	CONNECTION OUTPUT	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

SMK T 750/2 E E JY

- Fire Jokey
- Electric
- Electric
- Number Of Pump Stages
- Pump Power (KW)
- T:Three Phase
- Pump Type





DY



DJY



EDJY

DIESEL FIRE FIGHTING SYSTEMS

TYPE	CIRCUIT	MOTOR POWER	OPERATING	W mm	L mm	H mm	CONNECTION INPUT	CONNECTION OUTPUT	mss	m³/h
SMKT 750 DY	3000	1x7.5 HP	AUTOMATIC AND MANUAL STARTER	1305	680	730	1 1/2	1 1/2	60 80	1x15 1x12
SMKT 750/2 DY	3000	1x7.5 HP	AUTOMATIC AND MANUAL STARTER	1305	680	730	2"	2"	40 60	1x26 1x15

DIESEL + JOCKEY FIRE FIGHTING SYSTEMS

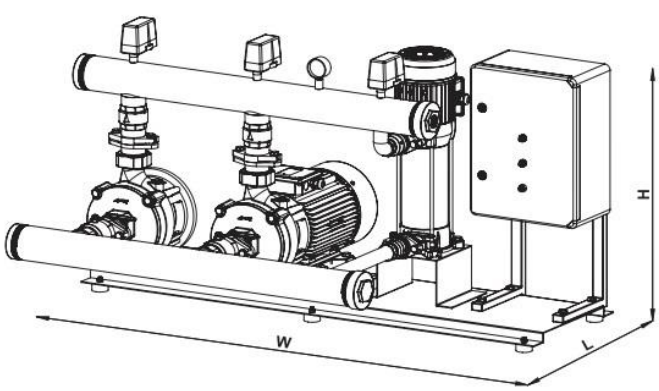
TYPE	CIRCUIT	MOTOR POWER	OPERATING	W mm	L mm	H mm	CONNECTION INPUT	CONNECTION OUTPUT	mss	m³/h
SMKT 750 DJY	3000	1x7.5 HP 1x1.8 HP	AUTOMATIC AND MANUAL STARTER	1305	1070	730	3"	2 1/2	60 80	1x15 1x12
SMKT 750/2 DJY	3000	1x7.5 HP 1x1.8 HP	AUTOMATIC AND MANUAL STARTER	1305	1070	730	3"	2 1/2	40 60	1x26 1x15

DIESEL + ELECTRIC + JOCKEY FIRE FIGHTING SYSTEMS

TYPE	CIRCUIT	MOTOR POWER	OPERATING	W mm	L mm	H mm	CONNECTION INPUT	CONNECTION OUTPUT	mss	m³/h
SMKT 750 EDJY	3000	2x7.5 HP 1x1.8 HP	AUTOMATIC AND MANUAL STARTER	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 STARTER	1305	1070	730	3"	2 1/2	40 60	2x26 2x15

SMK T 750/2 E D J Y

- Fire
- Jokey
- Diesel
- Elektrical
- Number of Pump Stages
- Pump Power (KW)
- T:Three Phase
- Pump Type











ELECTRIC FIRE FIGHTING SYSTEMS

TYPE	KW	V	Hz	d/d	60 mss	80 mss	Hm
SHT16 B 550/5 -EEY	2x4	380	50	2900	2x12m³/h	2x10m³/h	90
SHT16 A 750/7 -EY	1x5.5	380	50	2900	1x16m³/h	1x12m³/h	125
SHT16 B 750/7 - EEY	2x5.5	380	50	2900	2x16m³/h	2x12m³/h	125
SHT24 B 1000/6-EEY	2x7.5	380	50	2900	2x24m³/h	2x20m³/h	102
SHT34 B 2000/7 - EEY	2x15	380	50	2900	2x36m³/h	2x34m³/h	128
SHTA 40/3 - EJY	1x11	380	50	2900	1x35m³/h	1x20m³/h	101
SHT B40/3 - EEY	2x11	380	50	2900	2x35m³/h	2x20m³/h	101
SYT 32/4-EEJY	2x5.5	380	50	2900	2x15m³/h	2x12m³/h	100
SMT250/65-EY	1x37	380	50	2900	1x140m³/h	1x75m³/h	82
SMT250/65-EEJY	2x37	380	50	2900	2x140m³/h	2x75m³/h	82
SMT250/100-EY	1x75	380	50	2900	1x300m³/h	1x175m³/h	82
SMT250/100-EEJY	2x75	380	50	2900	2x300m³/h	2x175m³/h	82

SH T 16 A 22 6 E E J D Y

- Fire
- Diesel
- Jokey
- Elektrical
- Number of Pump Stages
- Pump Power (HP)
- Number of Pumps A=1 B=2 C=3
- Max. Pump Flow
- T:Three Phase
- Pump Type





ELECTRIC + DIESEL FIRE FIGHTING SYSTEMS

TYPE	KW	V	Hz	d/d	60 mss	80 mss	Hm
SYT32/4-EDJY	2x5.5	380	50	2900	2x15m³/h	2x12m³/h	100
SMT250/65-DY	1x37	380	50	2900	1x140m³/h	1x75m³/h	82
SMT250/65-EDJY	2x37	380	50	2900	2x140m³/h	2x75m³/h	82
SMT250/100-DY	1x75	380	50	2900	2x300m³/h	1x175m³/h	82
SMT250/100-EDJY	2x75	380	50	2900	2x300m³/h	2x175m³/h	82

*Fire pump systems can be manufactured specially, depending on demand.

NFPA®
MEMBER 09-10
2712407

DEFINITION

It is an electric fire groups which can water between 10 m³ / h and 450 m³ / h, conforms to TSE standards and NFPA20 fire regulations.

USAGE AREAS

Designed according to the power, flow and discharge heights specified in the projects, these types of fire extinguishing BOOSTER SETS designed according to NFPA20 standards are used in military facilities, hospitals, business and shopping centres, factories, public housing, storage, ships, schools and social service buildings .

SHT SERIES ELECTRIC FIRE FIGHTING SYSTEMS

SHT







Usage Areas

- **Military Facilities**
- **Hotels**
- **Hospitals**
- **Business and Shopping Centres**
- **Factories**
- **Mass Housing**
- **Warehouses**
- **Ships**
- **Social Service Buildings**

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DEFINITION

It is an electric fire groups, which can water between 10 m^3 / h and 450 m^3 / h, conforms to TSE standards and NFPA20 fire regulations.

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SYT AND SMT SERIES ELECTRIC FIRE FIGHTING SYSTEMS



Usage Areas

- Military Facilities
- Hotels
- Hospitals
- Business and Shopping Centres
- Factories
- Mass Housing
- Warehouses
- Ships
- Social Service Buildings



NFPA®
MEMBER 09-10
2712407

DEFINITION

It is an electric fire groups, which can water between 10 m^3 / h and 450 m^3 / h, conforms to TSE standards and NFPA20 fire regulations.

USAGE AREAS

Designed according to the power, flow and discharge heights specified in the projects, these types of fire extinguishing BOOSTER SETS designed according to NFPA20 standards are used in military facilities, hospitals, business and shopping centres, factories, public housing, storage, ships, schools and social service buildings .

SMT SERIES DIESEL FIRE FIGHTING SYSTEMS



Usage Areas

- Military Facilities
- Hotels
- Hospitals
- Business and Shopping Centres
- Factories
- Mass Housing
- Warehouses
- Ships
- Social Service Buildings



NFPA®
MEMBER 09-10
2712407

DEFINITION

It is an electric fire groups, which can water between 10 m^3 / h and 450 m^3 / h, conforms to TSE standards and NFPA20 fire regulations.

USAGE AREAS

Designed according to the power, flow and discharge heights specified in the projects, these types of fire extinguishing BOOSTER SETS designed according to NFPA20 standards are used in military facilities, hospitals, business and shopping centres, factories, public housing, storage, ships, schools and social service buildings .

SYT AND SMT SERIES ELECTRIC + DIESEL FIRE FIGHTING SYSTEMS

Usage Areas

- Military Facilities
- Hotels
- Hospitals
- Business and Shopping Centres
- Factories
- Mass Housing
- Warehouses
- Ships
- Social Service Buildings



NFPA®
MEMBER 09-10
2712407

DEFINITION الوصف

It is an electric fire groups, which can water between 10 m³ / h and 450 m³ / h, conforms to TSE standards and NFPA20 fire regulations.

USAGE AREAS

Designed according to the power, flow and discharge heights specified in the projects, these types of fire extinguishing BOOSTER SETS designed according to NFPA20 standards are used in military facilities, hospitals, business and shopping centres, factories, public housing, storage, ships, schools and social service buildings .

SYT AND SMT SERIES ELECTRIC + DIESEL FIRE FIGHTING SYSTEMS

Usage Areas

- Military Facilities
- Hotels
- Hospitals
- Business and Shopping Centres
- Factories
- Mass Housing
- Warehouses
- Ships
- Social Service Buildings



LIQUID FLUID PIPE LOSS TABLE

PLASTIC PIPE		25	32	40	50	63	75	90	110	140	160	200	225	280
METAL PIPES		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 100 M (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

Motor Power				Minimum Cable Cuts (mm²)									
	kW	HP		4x1	4x1.5	4x2.5	4x4	4x6	4x10	4x16	4x25	4x35	4x50
220 V - 50 Hz (Single Phase)	0.37	0.5	The maximum allowable cable lenght (m)	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				
380 V - 50 Hz (Three Phase)	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



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CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS

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BELGE NUMARASI / REFERENCE NUMBER OF LICENCE: 0219761-TSE-02/02
BELGENİN İLK VERİLİŞ TARİHİ / DATE OF FIRST ISSUE OF LICENCE: 17.04.2007
BELGENİN SON GEÇERLİLİK TARİHİ / LICENCE VALID UNTIL: 31.01.2020
BELGE SAHİBİ KURULUŞUN ADI: SUMAK POMPA ANONİM ŞİRKETİ

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BELGENİN SON GEÇERLİLİK TARİHİ / LICENCE VALID UNTIL: 31.01.2020
BELGE SAHİBİ KURULUŞUN ADI / NAME OF THE LICENCE HOLDER: SUMAK POMPA ANONİM ŞİRKETİ
BELGE SAHİBİ KURULUŞUN ADRESİ / ADRESS OF THE LICENCE HOLDER: ŞERİFALİ MAH. KUTUP SK. NO:18 /1 ÜMRANİYE İSTANBUL/TÜRKİYE
ÜRETİM YERİ ADI / NAME OF THE MANUFACTURING PLACE: SUMAK POMPA A.Ş.
ÜRETİM YERİ ADRESİ: ŞERİFALİ MAHALLESİ KUTUP SOKAK NO:18/1 ÜMRANİYE İSTANBUL/TÜRKİYE

IQNet
THE INTERNATIONAL CERTIFICATION NETWORK
CERTIFICATE
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SUMAK POMPA A.Ş.

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BELGENİN İLK VERİLİŞ TARİHİ / DATE OF FIRST ISSUE OF LICENCE: 01.04.20XS
BELGENİN SON GEÇERLİLİK TARİHİ / LICENCE VALID UNTIL: 31.01.2020
BELGE SAHİBİ KURULUŞUN ADI / NAME OF THE LICENCE HOLDER: SUMAK POMPA ANONİM ŞİRKETİ
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BELGENİN SON GEÇERLİLİK TARİHİ / LICENCE VALID UNTIL: 31.01.2020
BELGE SAHİBİ KURULUŞUN ADI / NAME OF THE LICENCE HOLDER: SUMAK POMPA ANONİM ŞİRKETİ
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ÜRETİM YERİ ADRESİ / ADRESS OF THE MANUFACTURING PLACE: ŞERİFALİ MAHALLESİ KUTUP SOKAK NO:18/1 ÜMRANİYE İSTANBUL
TESCİLLİ TİCARİ MARKASI / REGISTERED TRADE MARK: SUMAK
İLGİLİ BELGELENDİRME KRİTERİ / RELATED TURKISH STANDARD: GBM-00-BK-000 / Kirleri Seçiciliğine Sözleşmeler için / 2/
BELGE KAPSAMI / SCOPE OF LICENCE: Paket Hidrofor, Membranlı, Tam Otomatik, Qn1-36 m³/h, Hmn20-130 mSS; –İki Pompalı, Membranlı, Tam Otomatik, Qn1-72 m³/h, Hmn20-130 mSS; –Üç Pompalı, Membranlı, Tam Otomatik, Qn1-108 m³/h, Hmn20-130 mSS

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BELGENİN İLK VERİLİŞ TARİHİ / DATE OF FIRST ISSUE OF LICENCE: 17.03.2010
BELGENİN SON GEÇERLİLİK TARİHİ / LICENCE VALID UNTIL: 31.01.2020
BELGE SAHİBİ KURULUŞUN ADI / NAME OF THE LICENCE HOLDER: SUMAK POMPA ANONİM ŞİRKETİ
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İLGİLİ BELGELENDİRME KRİTERİ / RELATED TURKISH STANDARD: TSE K 78 / Pompa – Dalgıç - Elektromanyetik - Temiz su için / 18.12.2009
BELGE KAPSAMI / SCOPE OF LICENCE: SD SERİSİ ELEKTROMANYETİK TEMİZ SU İÇİN DALGIÇ POMPALAR

TÜRK STANDARDLARI ENSTİTÜSÜ

01/01/2019
Belgelendirme Merkezi Başkanı Adına
AHMET NURSİ KARTAL
TSE İSTANBUL BELGELENDİRME MÜDÜRÜ