



Product catalogue

Submersible drainage pumps SX, 50 Hz



Flygt



ITT Industries
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Introduction

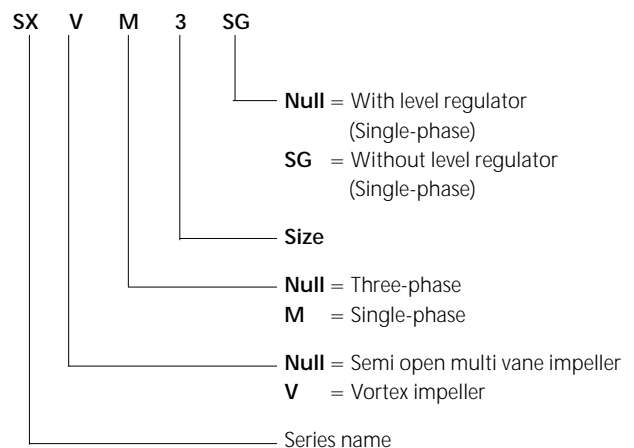
The SX range is a compact high performance range of submersible pumps in stainless steel. The pumps can handle suspended solids up to 20 mm, depending on pump size.

- Delivery: up to 410 l/min
- Head: up to 21 m

Applications

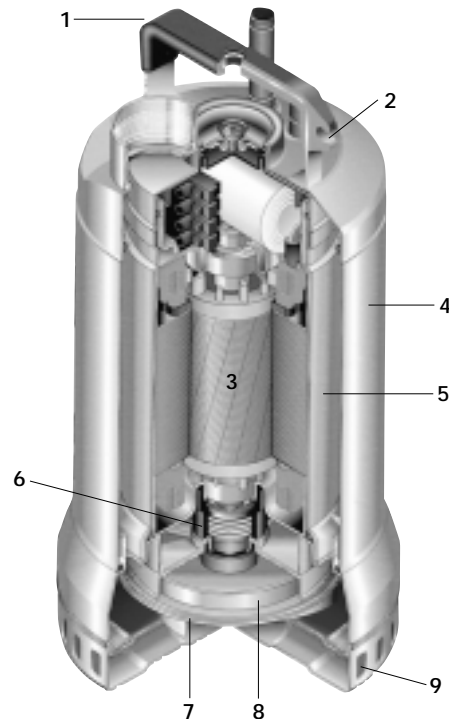
- Routine and general maintenance of basements
- Drainage of underpasses and yards, tanks and reservoirs, ditches and trenches
- Removal of waste water from washing machines and washing stations
- Transfer of raw water
- Transfer of clean or contaminated water
- Emergency drainage in case of flooding
- Fountains

Product identity





Design



SX 5, 7, 11, 15

Product

Submersible stainless steel pump suitable for a variety of drainage applications.

Process data

Liquid temperature max 50°C
 Max size of suspended solids: 8 mm

Motor data

Dry motor for submersible duty. Single-phase motor has built in capacitor, except SX 11, which has the control box on the cable.

Frequency 50 Hz
 Insulation class F(155°C)
 Protection IP68
 Max immersion depth 7 m

Cable

H07RN-F 10 m

Control

Single-phase Built in level regulator
 Three-phase To be provided

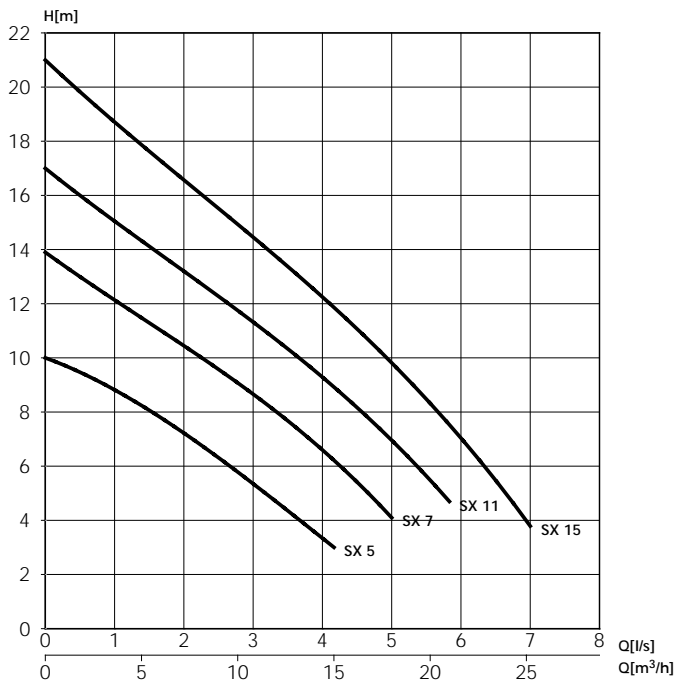
1. Lifting handle, stainless steel*, coated with polyacetal resin.
2. Cable clamp for adjusting the float.
3. Dry winding motor, class F windings.
4. Cooling jacket, stainless steel.*
5. Motor casing and pump body, stainless steel.*
6. Sealing system, double seal with oil chamber.
7. Impeller, open type in stainless steel.*
8. Diffuser plate, stainless steel* coated with polyurethane.
9. Strainer, minimum liquid level 25 mm, suspended solids up to 8 mm.

* AISI 304-DIN 1.4301

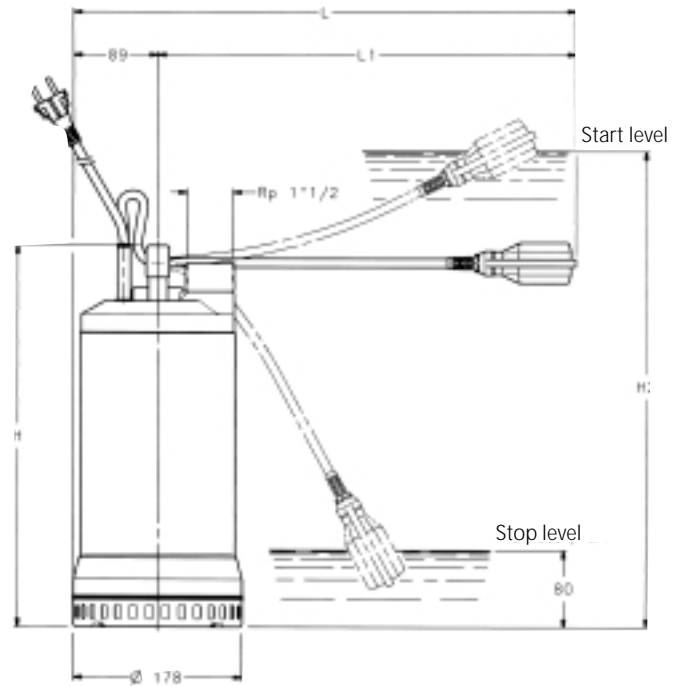
Motor rating

Pump type		Capacitor			Input current	
Single-phase 220-240 V	Three-phase 220-240 V 380-415 V	kW	µF	V	Single-phase 220-240 V	Three-phase 380-415 V
SXM 5	SX5	0.55	16	450	3.4	1.35
SXM 7	SX 7	0.75	22	450	5.1	2.1
SXM 11	SX11	1.1	30	450	6.7	2.6
	SX15	1.5				3.7

Performance curve



Dimensions and weight



Pump type	Dimensions in mm				Weight kg
	H	H2	L	L1	
SXM 5	343	425	459	370	12
SXM 7	388	485	514	425	14.5
SXM 11	388	485	514	425	17
SX 5	343				11
SX 7	358				13
SX 11	388				15
SX 15	388				16.5