

STAINLESS STEEL SUBMERSIBLE SEWAGE PUMP



2.2–7.5 kW

POWER

120 m³/h

FLOW UP TO

24 m

HEAD UP TO

6–52 mm

SOLIDS PASSAGE

FEATURES

- Double-channel impeller with high flow capacity; passes suspended solids of 6–52 mm in diameter.
- Copper winding.
- All parts in contact with water are stainless steel; no rust.
- 10 m cable.

APPLICATION

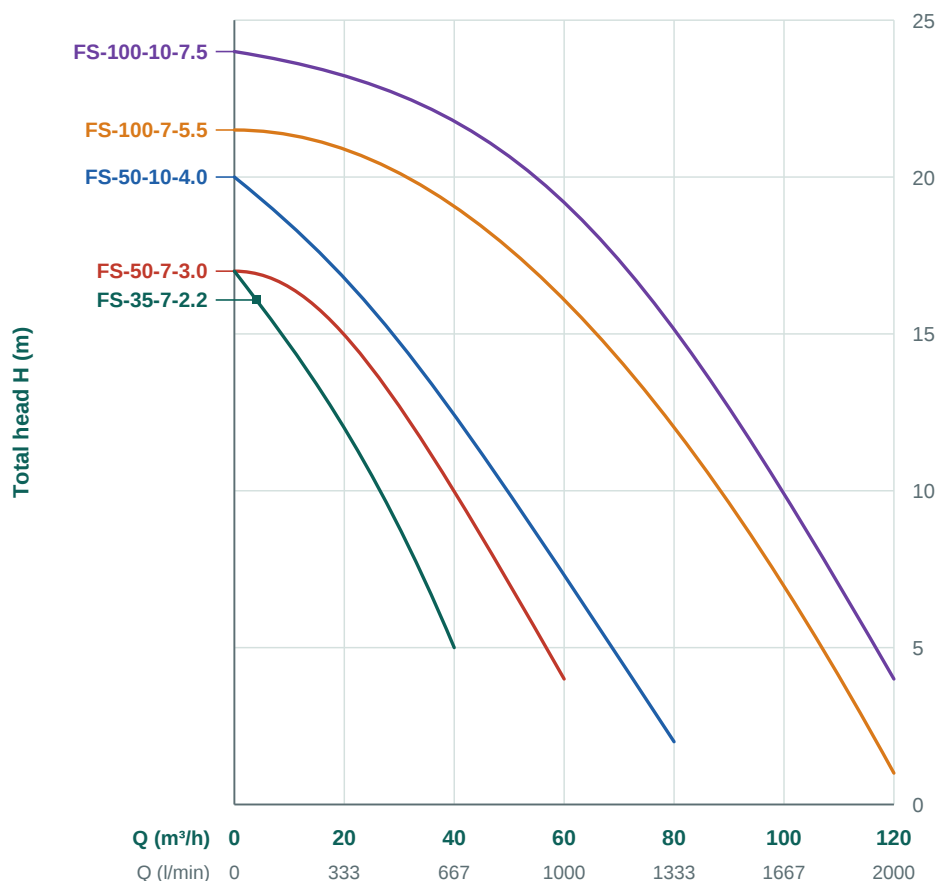
- Suitable for clean water and sewage.
- Water supply, circulation and water changing for farming, forestry and fisheries.
- Equipment for gardening, aquariums, landscape waterfalls, water drainage and filtration.

WORKING CONDITIONS

Liquid temperature: 0 to +50 °C
Immersion depth: ≤ 5 m

MATERIALS

Pump casing	Stainless Steel AISI 304
Motor casing	Stainless Steel AISI 304
Impeller	Stainless Steel AISI 304
Shaft	Stainless Steel AISI 304
Mechanical seal	SiC / SiC + Carbon / SiC
O-ring	NBR



PERFORMANCE DATA

MODEL	P ₂	Q	0	20	40	60	80	100	120
3~ 380–415 V	kW	HP	l/min	333	667	1000	1333	1667	2000
FS-35-7-2.2	2.2	3	17	12	5	–	–	–	–
FS-50-7-3.0	3	4	17	15	10	4	–	–	–
FS-50-10-4.0	4	5.5	20	17	13	7	2	–	–
FS-100-7-5.5	5.5	7.5	21.5	21	19	16	12	7	1
FS-100-10-7.5	7.5	10	24	23	22	19	15	10	4

PRODUCT NOMENCLATURE

Example: FS-35-7-2.2

FS

Stainless steel submersible sewage pump series

35

Rated flow (m³/h)

7

Rated head (m)

2.2

Power (kW)

STAINLESS STEEL SUBMERSIBLE SEWAGE PUMP



11–15 kW

POWER

250 m³/h

FLOW UP TO

30 m

HEAD UP TO

6–52 mm

SOLIDS PASSAGE

FEATURES

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APPLICATION

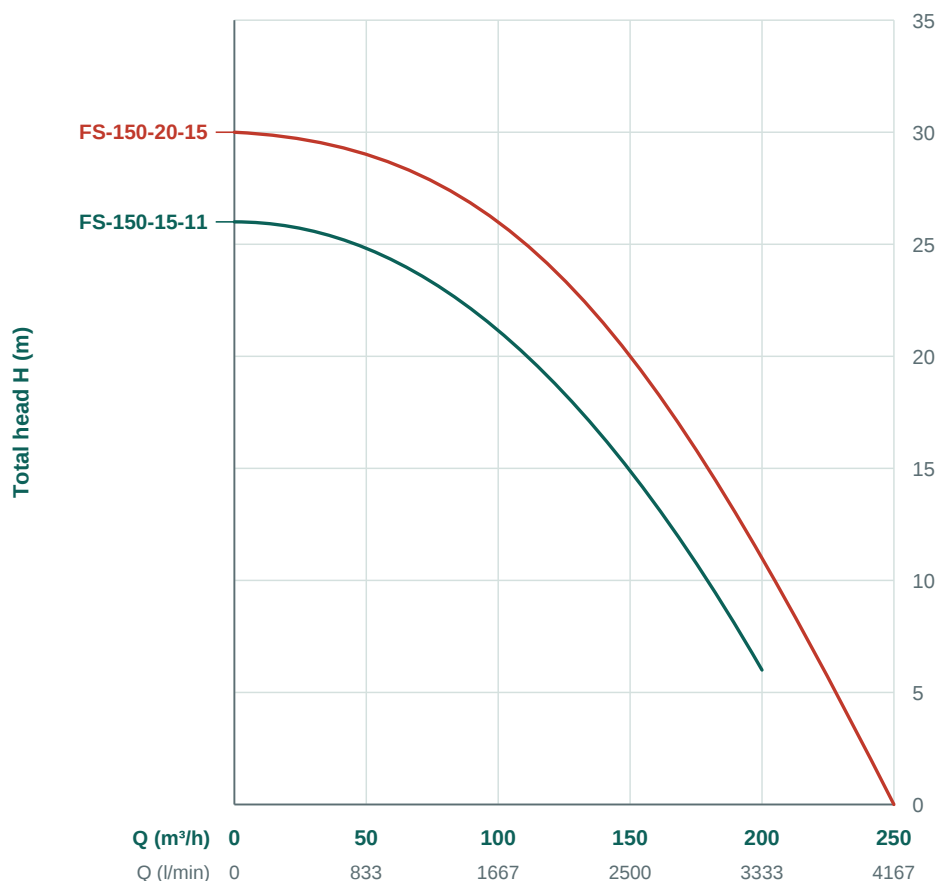
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PERFORMANCE DATA

MODEL	P ₂	Q	0	50	100	150	200	250
3~ 380–415 V	kW	HP	0	833	1667	2500	3333	4167
FS-150-15-11	11	15	26	25	21	15	6	–
FS-150-20-15	15	20	30	29	26	20	11	0

PRODUCT NOMENCLATURE

Example: FS-150-15-11

FS

Stainless steel submersible sewage pump series

150

Rated flow (m³/h)

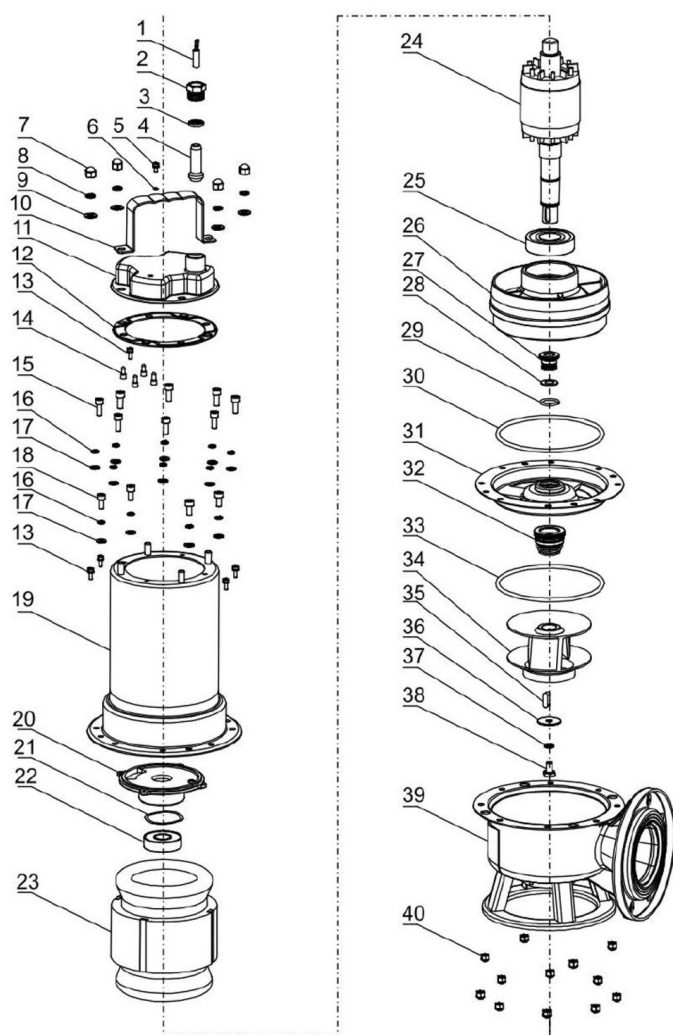
15

Rated head (m)

11

Power (kW)

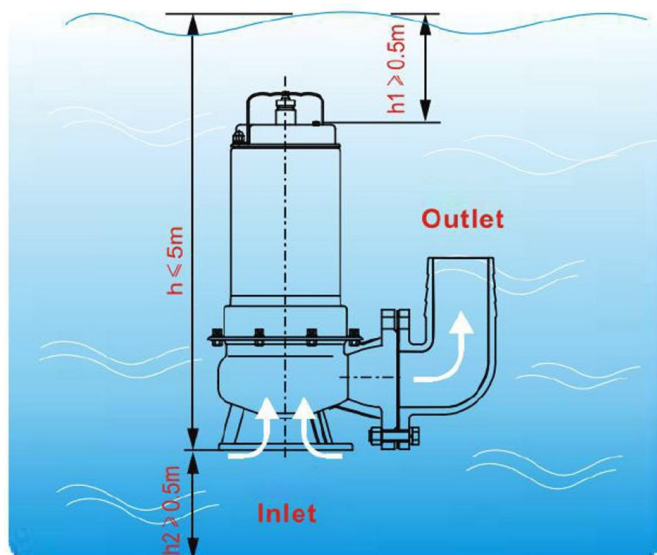
CONSTRUCTION



NO.	NAME
1	Cable
2	Press nut
3	Pressure washer
4	Cable head
5	Cross recessed pan head screw and washer assembly
6	O-ring
7	Acorn nut
8	Spring washer
9	Washer
10	Handle
11	Upper cover
12	Plastic spacer
13	Cross recessed pan head screw and washer assembly
14	Terminal
15	Hexagon socket head cap screw
16	Spring washer
17	Washer
18	Hexagon socket head cap screw
19	Motor base
20	Rear flange cover
21	Three-wave washer
22	Bearing

NO.	NAME
23	Stator assembly
24	Rotor assembly
25	Bearing
26	Front cover
27	Mechanical seal
28	Mechanical flat pad
29	External circlip
30	O-ring
31	Pump cover
32	Mechanical seal
33	O-ring
34	Impeller
35	Key
36	Washer
37	Spring washer
38	Hexagon bolt
39	Pump casing
40	Acorn nut

INSTALLATION



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