

# SUBMERSIBLE PUMPS

## *Stainless steel*

-  Clean water
-  Domestic use
-  Civil use



SPSN250F



### INSTALLATIONS AND USE

- . For clean or slightly dirty water
- . For draining rooms or emptying tanks
- . Extraction of water from ponds, streams or pits and for rainwater collection
- . For irrigation purpose

### PERFORMANCE RANGE

- . Flow rate up to 350l/min
- . Head up to 19m

### OPERATING CONDITIONS

- . Liquid temperature up to +35°C
- . Ambient temperature up to +40°C
- . Max. Immersion depth 5m
- . Continuous duty

### OPTIONS AVAILABLE ON REQUEST

- . Special mechanical seal
- . Other voltages or 60Hz frequency
- . Longer or shorter cable

### ELECTRIC MOTOR

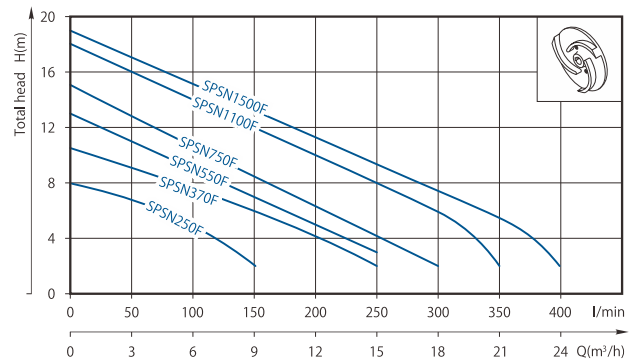
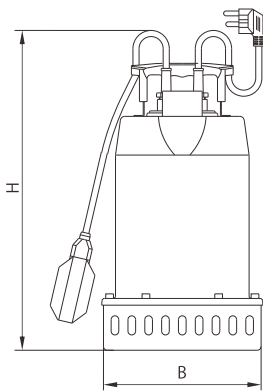
- . Two-pole induction motor, 50Hz (n = 2850rpm)
- . Single phase 220V-240V
- With thermal protector incorporated into the winding
- Available with float switch for automatic start/stop
- . Insulation class F
- . Protection IP68

### COMPONENT MATERIALS

Case	Stainless steel AISI 304
Strainer	Stainless steel AISI 304
Impeller	Stainless steel AISI 304 Plastic for SPSN 250F
Shaft	Stainless steel AISI 304
Mechanical seal	Carbon-Ceramic- NBR

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Model	Power (kW)	Outlet (mm)	Max.flow (l/min)	Max.head (m)	Max.grain size (mm)	G.W. (kg)	Carton size (cm)	DN	B (mm)	B1 (mm)	H (mm)
SPSN250F	0.25	32	140	8	10	5.5	21.5x18.5x32.5	G1¼"	167	-	273
SPSN370F	0.37	40	250	10.5	10	9.6	42.5x26.0x30.0	G1½"	211	-	360
SPSN550F	0.55	40	250	13	10	9.8	42.5x26.0x30.0	G1½"	211	-	360
SPSN750F	0.75	40	267	14.5	10	10.5	40.5x26.0x30.0	G1½"	211	-	360
SPSN1100F	1.1	40	316	18	10	12	42.0x26.0x30.0	G1½"	211	-	375
SPSN1500F	1.5	40	350	19	10	13	42.0x26.0x30.0	G1½"	211	-	375



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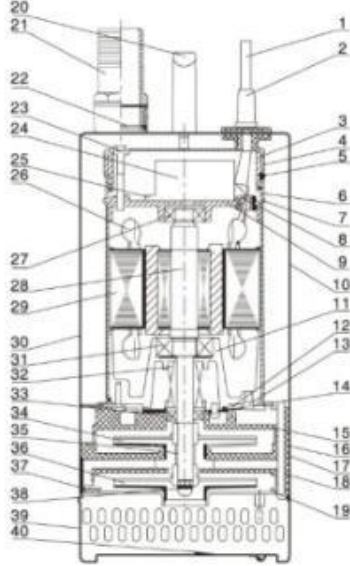
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Diagram:



NO.	DESCRIPTION	NO.	DESCRIPTION
1	Cable	21	Out-let connector
2	Cable protector	22	Gasket
3	Capacitor cover	23	"O"ring
4	Terminal box	24	Capacitor
5	"O"ring	25	Earthing terminal
6	Motor cover	26	Thermal Protector
7	Snap ring	27	Bearing
8	Line protector	28	Rotor
9	Upper bearing seat	29	Stator
10	Pump shell	30	Namesplate
11	Lower bearing seat	31	Bearing
12	Screw	32	Mechanical seal
13	Washer	33	Oil seal
14	"O"ring	34	Impeller
15	Upper diffuser	35	Shaft sleeve
16	Plate	36	Impeller
17	"O"ring	37	"O"ring
18	Lower diffuser	38	Nut
19	Impeller cover	39	Filter mesh
20	Handle	40	Bolt

MODEL		POWER P2(KW)	MAX. FLOW (m <sup>3</sup> /h)	MAX. HEAD (m)	MAX. DIA. OF PARTICLE (mm)	DIA. OF PIPE	CABLE	G.W (kg)	PACKING DIMENSION/UNIT (mm)	QTY/20' GP (UNIT)
W/FLOAT SWITCH	W/O FLOAT SWITCH									
SPSN-550F	SPSN-550	0.55	9	29	4	2"	H05RN-F 3G0.75mm <sup>2</sup>	13.5	210x210x450	1300
SPSN-750F	SPSN-750	0.75	11	33	4	2"	H05RN-F 3G0.75mm <sup>2</sup>	15.3	210x210x450	1150
SPSN-1100F	SPSN-1100	1.1	11	38	4	2"	H05RN-F 3G0.75mm <sup>2</sup>	17	210x210x470	1060
SPSN-1500F	SPSN-1500	1.5	12	39	4	2"	H05RN-F 3G1.0mm <sup>2</sup>	17.5	210x210x495	1050
SPSN-2200F	SPSN-2200	2.2	27	40	4	2"	H05RN-F 3G1.5mm <sup>2</sup>	28	210x210x540	650

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