

XSP

Sewage Submersible Pumps



Application

- Wastewater drainage in factories, construction sites and commercial facilities
- Drainage system in municipal sewage treatment plants
- Drainage station in residential quarters
- Municipal projects
- Methane pools and field irrigation in countryside

Pump

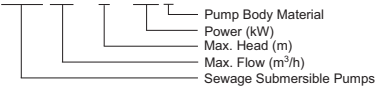
- Max. immersion depth: 5 m
- Max. liquid temperature: +40°C
- Liquid pH value: 4 – 10
- Liquid kinematic viscosity: $7 \times 10^{-7} \sim 23 \times 10^{-6} \text{ m}^2/\text{s}$
- Max. liquid density: $1.2 \times 10^{-3} \text{ kg/m}^3$

Motor

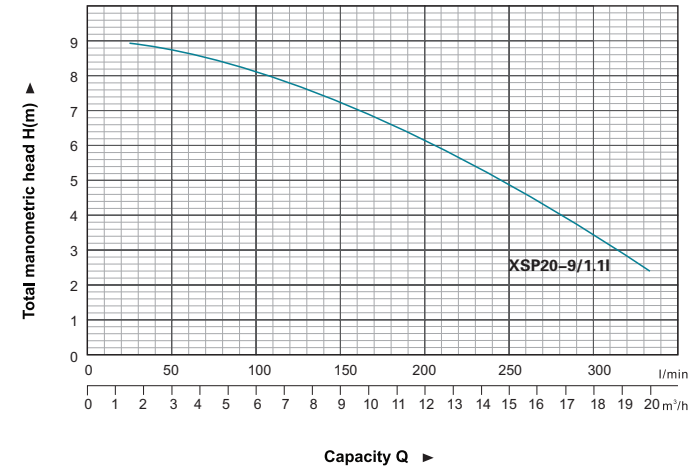
- Copper winding
- Built-in thermal protector
- Stainless steel welded shaft
- Insulation class: B
- Protection class: IP68

Identification Codes

XSP 20 - 9 / 1.1 I

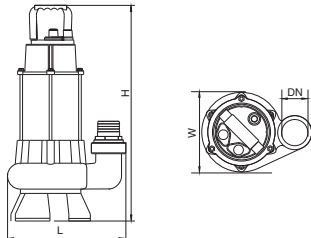


Hydraulic Performance Curve



Technical Data

Model	Power		Outlet diameter (mm)	Voltage (V/Hz)	Max. flow (l/min)	Max. head (m)	Max. dia. of particle (mm)	GW (kgs)	Packing dimension (cm)
	(kW)	HP							
XSP20-9/1.1I	1.1	1.5	50	220/50	333	9	35	23.5	27.5x22.5x55.5



Dimension

Model	DN	L (mm)	W (mm)	H (mm)
XSP20-9/1.1I	50	280	200	530

Materials Table

No.	Part	Material	No.	Part	Material
1	Bolt	Stainless steel	24	Washer	CuZn40
2	Stretching washer	Stainless steel	25	Cable holder	NBR
3	Washer	Stainless steel	26	Upper cover	HT200
4	Bolt	Stainless steel	27	Thermal protector	
5	Washer	Stainless steel	28	O-ring	NBR
6	Handle	Stainless steel	29	Stator	
7	Nut	Stainless steel	30	Wave washer	65Mn
8	Protector	NR	31	Ball bearing	
9	Cable presser	Stainless steel	32	Rotor	
10	Washer	Stainless steel	33	Ball bearing	
11	Screw	Stainless steel	34	Lower cover	HT200
12	Bolt	Stainless steel	35	Mechanical seal	Carbon/ceramic
13	O-ring	NBR	36	Connector	ABS
14	Screw	Stainless steel	37	O-ring	NBR
15	Flange	Stainless steel	38	Pump body	HT200
16	Cable		39	Oil seal	
17	Cable protector	CR	40	Impeller	HT200
18	Capacitor cover	HT200	41	Nut	Stainless steel
19	Capacitor	NBR	42	Pump cover	Stainless steel
20	O-ring	NBR	43	Base plate	Stainless steel
21	Rubber washer	NBR	44	Washer	Stainless steel
22	Screw	CuZn40	45	Bolt	Stainless steel
23	Stretching washer	65Mn	46	Float switch	

