

# 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

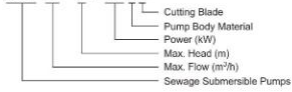
- Max. immersion depth: 5 m
- Max. liquid temperature: +40°C
- Liquid pH value: 4 – 10
- Liquid kinematic viscosity:  $7 \times 10^{-7} - 23 \times 10^{-6} \text{ m}^2/\text{s}$
- Max. liquid density:  $1.2 \times 10^{-3} \text{ kg/m}^3$

### Motor

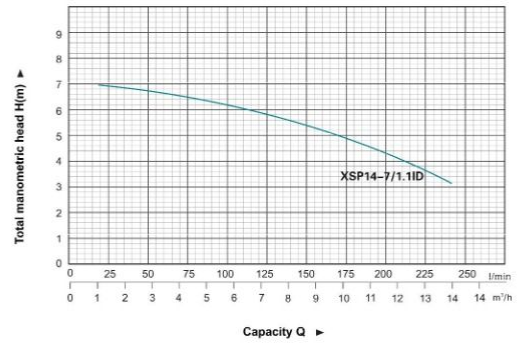
- Copper winding
- Built-in thermal protector
- Stainless steel welded shaft
- Insulation class: B
- Protection class: IP68

### Identification Codes

**XSP 14 - 7 / 1.1 I D**

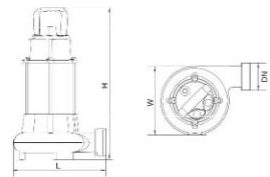


### Hydraulic Performance Curve



### Technical Data

Model	Power		Outlet diameter (mm)	Voltage (V/Hz)	Max. flow (m)	Max. head (m)	Max. dia. of particle (mm)	GW (kgs)	Packing dimension (cm)
	(kW)	HP							
XSP14-7/1.1ID	1.1	1.5	50	220/50	233	7	22.5	22.5	58.5x30.5x24.5



### Dimension

Model	DN	L (mm)	W (mm)	H (mm)
XSP14-7/1.1ID	50	255	202	478

### Materials Table

No.	Part	Material	No.	Part	Material
1	Bolt	Stainless steel	25	Upper cover	HT200
2	Draining washer	Stainless steel	27	Internal protector	
3	Washer	Stainless steel	28	O-ring	NBR
4	Bolt	Stainless steel	29	Seal	
5	Washer	Stainless steel	30	Wave washer	65Mn
6	Washer	Stainless steel	31	Ball bearing	Stainless steel
7	Nut	Stainless steel	32	Rotor	
8	Protector	NBR	33	Key	Steel
9	Cable protector	Stainless steel	34	Ball bearing	
10	Washer	Stainless steel	35	Lower cover	HT200
11	Screw	Stainless steel	36	Mechanical seal	Carbon/steel
12	Bolt	Stainless steel	37	Pump body	HT200
13	O-ring	NBR	38	Oil seal	
14	Screw	Stainless steel	39	Impeller	HT200
15	Flange	Stainless steel	40	Shredding ring	45Cr
16	Cable		41	Washer	Stainless steel
17	Cable protector	CR	42	Screw	Stainless steel
18	Capacitor cover	HT200	43	Rubber roller	45Cr
19	Capacitor	NBR	44	Washer	45Cr
20	O-ring	NBR	45	Seal	Stainless steel
21	Rubber washer	NBR	46	Float switch	
22	Screw	CR12Mo2	47	O-ring	NBR
23	Draining washer	65Mn	48	Connector nut	ABS
24	Washer	CR12Mo2	49	Connector	ABS
25	Cable holder	NBR			

