

XZS
Stainless Steel Standard
Centrifugal Pump



Application

- Water supply: filtration and trasfer at waterworks, regional water supply and pressure boosting in main pipe
- Industrial pressure boosting: Water system, cleaning system
- Industrial water supply: boiler feeding, cooling system, air conditioning, transportation of light acid and alkali liquid
- Water treatment: distillation systems, separators, swimming pools
- Agricultural irrigation, petrochemical industry, medicine and santation, etc.

Operating Conditions

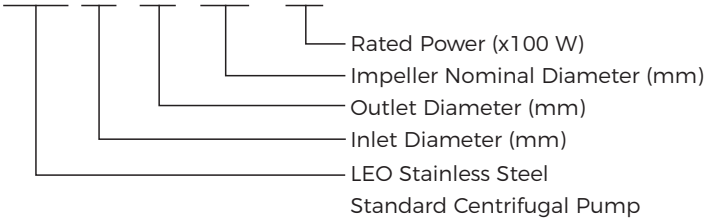
- Thin, clean, non-flammable and explosive, not containing the liquid with solid particles and fibers
- Liquid temperature: -15°C - +80°C
- Flow range: 0.7 - 132 m³/h
- Head range: 9 - 58 m
- Ambient temperature range: -15°C - + 40°C
- Max. operating pressure: 10 bar
- Altitude: up to 1000 m
- Liquid PH valve: 3 - 9
- Max.ambient temperature: +40°C

Motor

- IE2 Motor (IE3 motor availableon request for power≥9.2kw)
- Totally enclosed & fan-cooled
- Enclosures class: IP55
- Insulation class: F

Identification Codes

XZS 65- 50- 160 / 40



Accessories on Request



AISI304 Threaded flange



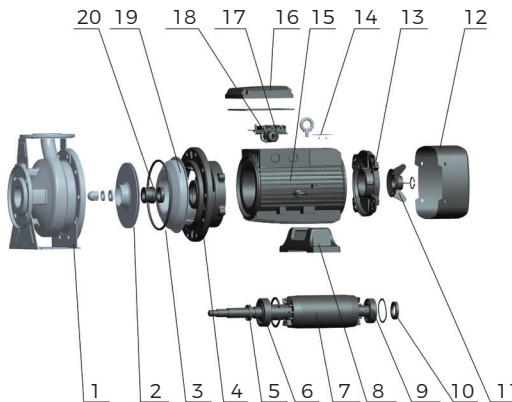
Flange gasket

Material Table

1.1kW ~ 7.5kW

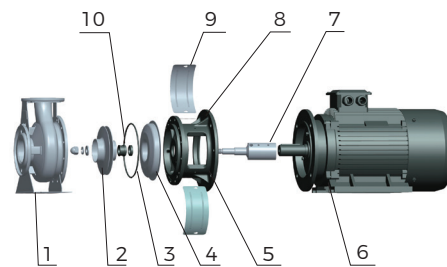
No.	Part	Material
1	Pump body	AISI 304
2	Impeller	AISI 304
3	O-ring	NBR
4	Support	HT200
5	Oil seal	
6	Bearing	
7	Rotor	
8	Stand	HT200
9	Bearing	
10	Oil seal	

No.	Part	Material
11	Fan	PP
12	Fan cover	PP-GF15
13	Rear cover	ZL102
14	Nameplate	AISI 304
15	Stator	
16	Terminal cover	ZL102
17	Terminal board	
18	Cable holder	
19	Support cover	AISI 304
20	Mechanical seal	



9.2kW ~ 22kW

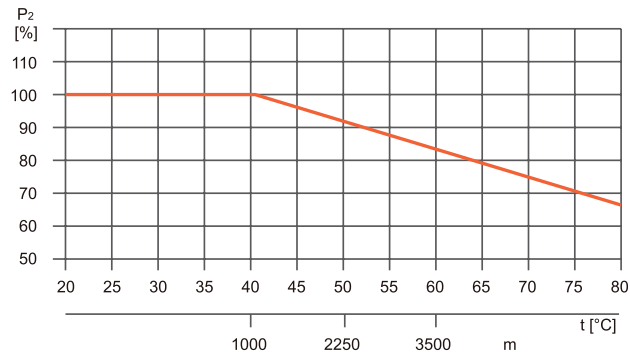
No.	Part	Material
1	Pump body	AISI 304
2	Impeller	AISI 304
3	O-ring	NBR
4	Support cover	AISI 304
5	Support	HT200
6	Motor	
7	Rotor	AISI 304/45
8	Nameplate	AISI 304
9	Guard plate	AISI 304
10	Mechanical seal	



Ambient Temperature

Max. Ambient temperature: +40°C. Ambient temperature above 40°C, or installation at altitude of more than 1000 m above sea level, require the use of an oversize motor. Because of low air density and poor cooling effects, the motor output power P2 will be decreased. See the picture.

For example, when the pump is installed at altitude of more than 3500 m above sea level, P2 will be decrease to 88%. When the ambient temperature is 70°C, P2 will be decreased to 78%.



How to Read the Curve Charts

The thin curves indicate the duty range where long-time operating is not allowed

The bold curves indicate the duty range where long-time operating is permitted for best efficiency

