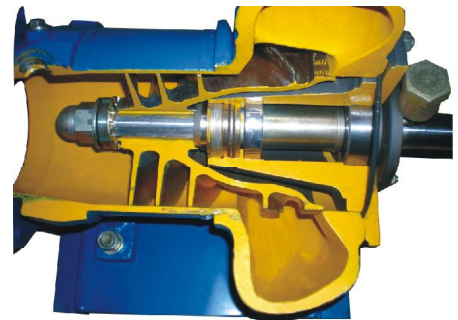




P1001 Screw Pump

Materials of Construction

- Casings: cast iron, cast steel, SS304, SS316, cast copper
- Shaft: alloy steel, SS304, SS316, high strength stainless steel, 17-4 PH stainless steel
- Screw: SS304, SS316, alloy C



Features

- Low power consumption, high capacity, good energy-saving performance
- Russia aerospace seal technology
- 1.5 to 2.5 times the capacity of common pump
- 1.5 to 3.0 times the suction height of common pump
- 30% to 50% more energy conservation than the common pump in the same flow capacity
- Smaller mass and outlet size than common pump
- Special alloy screw with high wear resistance
- Working and functioning in cavitations



Model Selection

P1001 - - / - - - - - - - - - -

0 1 2 3 4 5 6 7 8 9 10

0-P1001 Screw pump

1-Specification 120-100/065, 160-100/065, 200-150/125, 201-125/080, 290-150/125, 300-200/150, 360-250/250
(For example: 120-100-065 here 120 means the nominal diameter of the screw is 120mm, 100 means the inlet diameter is 100mm and 065 means the outlet diameter is 65mm)

2-Working Environment: G — General application W — Water (Marine application) O — Oil (Marine application)
S — Sewage (Marine application) C — Sea water (Marine application)

3-Electrical Enclosure: G — General version E — Explosion -proof version

4-Medium Transported: P — Petroleum products H — High-viscosity medium R — Corrosive medium
C — Sea water O — Others

5-Outlet Installation: V — Vertical installation H — Horizontal installation

6-Sealing Type: C — Cup-type seal (just for 120-100/65) S — Single mechanical seal
D — Double mechanical seal L — Magnetic seal

7-Connection Type: S — Spring shaft coupling D — Double diaphragm shaft coupling M — Magnetic coupling
C — Crown gear coupling

8-Main Unit With Vacuum Pump: N — No Y — Yes (just for specification 300-200/150)

9-Working Pressure: 10 — 1.0MPa 16 — 1.6MPa

10-Working Temperature: 1 — (-20 to +90)°C 2 — (-20 to +180)°C

For example: P1001-200-150/125-G-E-R-V-S-S-N-16-1

P1001 Screw Pump, nominal diameter of the screw 200mm, inlet nominal diameter 150mm, outlet nominal diameter 125mm, general application, explosion-proof version, the transporting medium is corrosive, vertical installation for outlet, sealing Type: single mechanical seal, connection type: spring shaft coupling, without vacuum pump, working pressure is 1.6Mpa, working temperature(-20°C~+90°C)

※ The specifications contained herein are subject to change without notice and any user of said specifications should verify from the manufacturer that the specifications are currently in effect. Otherwise, the manufacturer assumes no responsibility for the use of specifications which may have been changed and are no longer in effect.

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