

NEUTRONE®

BPS STAINLESS STEEL END SUCTION CENTRIFUGAL PUMP

Applications

- Chemical, refinery and process.
- Building services.
- Industrial cooling, heating and circulation.
- Municipal water boosting and transfer.
- Cooling water supply.
- General industrial services.



Operating range

- Discharge flange sizes 32 to 200mm.
- Maximum flowrate 250 l/sec.
- Max generated head 160 m at 2900 rpm.
- Max temperature 105 deg C

NEUTRONE®

END SUCTION CENTRIFUGAL PUMP SINGLE STAGE BACK PULL-OUT

BPS series - Bare Shaft Pumps

Description

Volute casing centrifugal end suction pump with Back Pull-Out (BPO) feature, main dimensions and performance according to EN733/DIN24255 standards.

Type : End Suction Centrifugal, Back Pull-Out Design
Design : EN733/DIN24255
Flange : DIN2332 PN 10RF
Direction of Rotation : Clockwise as viewed from the drive shaft

Material

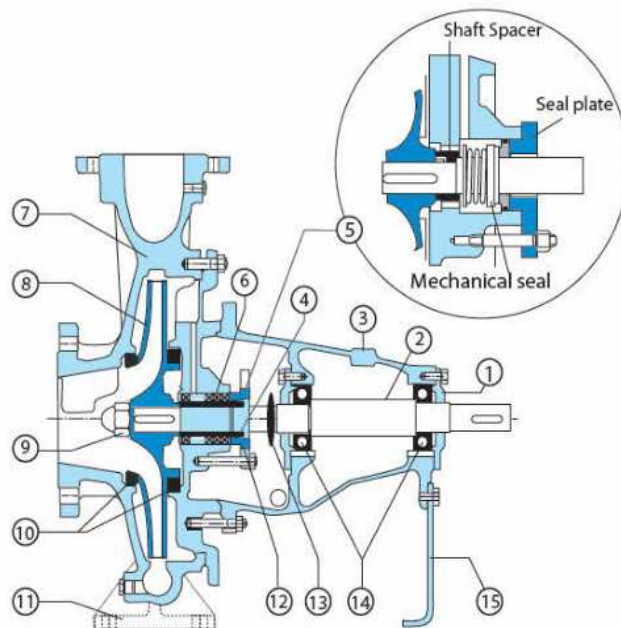
Casing : Stainless Steel 304 / 316
Impeller : Stainless Steel 304 / 316
Shaft : AISI304 & AISI316
Shaft Seal : Mechanical Seal and Gland Packing

Operating Range

Flow Rate(Q) : up to **1100m³/h**
Head(H) : up to **150m**
Speed : **1450 ~ 2900 rpm (50Hz)** & **1750 ~ 3600 rpm (60Hz)**
Operating Temp. : **-10 °C to 80 °C** standard (optional 150 °C)
Operating Pressure : **10 bar standard** (optional 16 Bar)

Application

pumps can be used for the following services in the Commercial, Residential, Agricultural, Industrial, Process, Petroleum and Food & Beverage industries.



Parts:

- | No. | Name |
|-----|------------------------|
| 1 | Bearing Cover |
| 2 | Shaft |
| 3 | Bearing Housing |
| 4 | Shaft Sleeve |
| 5 | Mechanical Seal |
| 6 | Gland Packing (Option) |
| 7 | Volute Casing |
| 8 | Impeller |
| 9 | Impeller Nut |
| 10 | Casing Wear Rings |
| 11 | Front Foot Support |
| 12 | Seal Plate |
| 13 | Slinger |
| 14 | Ball Bearings |
| 15 | Rear Foot Support |

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BPS SERIES

