

**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 **1100m<sup>3</sup>/h**

**Head(H)** : up to **150m**

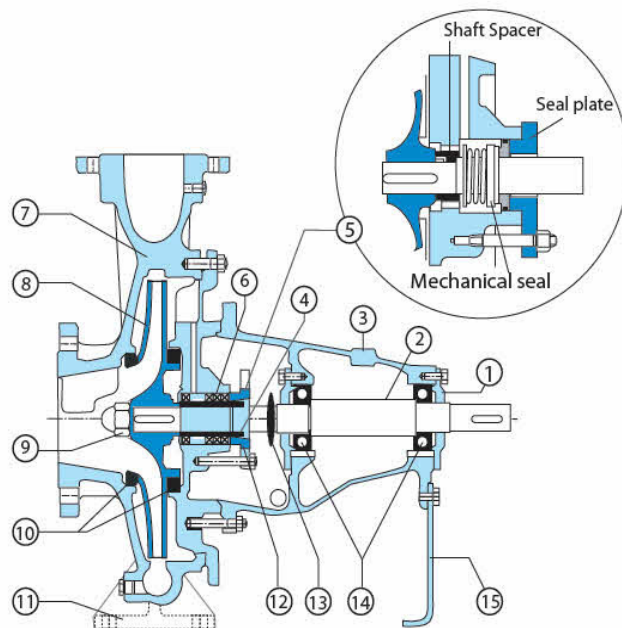
**Speed** : **1450 ~ 2900 rpm (50Hz)** & **1750 ~ 3600 rpm (60Hz)**

**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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## END SUCTION CENTRIFUGAL PUMP SINGLE STAGE BACK PULL-OUT

### BPS SERIES

