

## HIGH FLOW PUMPS · ATEX

200-1,000 l/min

**DIESEL**

**PETROL**

- **Bedplate vane pumps of high flow, self-suction, positive displacement, constant flow, inaudible and heavy-duty**
- The transfer is quick, uniform and inaudible.
- The pump has built-in bypass valve.
- It is specially intended for the transfer of high volumes, S-1 service, continuous for fuel tank charging and discharging, storage of fuel, hydrocarbon, petrol, diesel, kerosene and another non-corrosive liquid and without solid particles in suspension.

**BDP-200 · F1 1/2" · Explosionproof EExd**

**10100**

### TECHNICAL DATA

#### **PUMP**

- Flow: **200 l/min**
- Operation pressure: 3.5 bar
- 740 rpm
- Connection through thread of 1 1/2"
- **Recommended diameters:**
  - suction-delivery connection: Ø2"
- Moto-pump group performance: horizontal
- Bypass built-in

#### **MOTOR**

- Voltage: 230/400 VAC triphasic
- Frequency: 50 Hz
- Power: 2.2 kW
- IP-55 protection
- Condensable protection: PTC probes
- ATEX EExd IICT5 Certificate
- Turn speed: 1,500 rpm
- Insulation: F Class
- Reducer/motor coupling: flange
- Noise level: 80 dB(A)



Size and weight (approx.):

- Size: 880x325x285 mm (length x width x height)
- Weight: 85.5 kg

**BDP-300 · F2 1/2" · Explosionproof EExd**

**10120**

**TECHNICAL DATA**

**PUMP**

- Flow: **300 l/min**
- Operation pressure: 3.5 bar
- 400 rpm
- Connection through weldable flange of 2 1/2"
- **Recommended diameters:**
  - suction-delivery connection: Ø3"
- Moto-pump group performance: horizontal
- Bypass built-in



**MOTOR:**

- Voltage: 230/400 VAC triphasic
- Frequency: 50 Hz
- Powe: 2.2 kW
- IP-55 protection
- Condensable protection: encapsulated
- ATEX EExd IICT5 Certificate
- Turn speed: 1,500 rpm
- Insulation: F Class
- Reducer/motor coupling: flange
- Noise level: 80 dB(A)

Size and weight (approx.):

- Size: 1,000x355x345 mm (length x width x height)
- Weight: 125 kg

**BDP-500 · F2 1/2" · Explosionproof EExd**

**10110**

**TECHNICAL DATA**

**PUMP**

- Flow: **500 l/min**
- Operation pressure: 3.5 bar
- 640 rpm
- Connection through weldable flange of 2 1/2"
- **Recommended diameters:**
  - suction-delivery connection: Ø3"
- Moto-pump group performance: horizontal
- Bypass built-in

#### **MOTOR**

- Voltage: 230/400 VAC triphasic
- Frequency: 50 Hz
- Power: 4 kW
- IP-55 protection
- Condensable protection: encapsulated
- ATEX EExd IICT5 Certificate
- Turn speed: 1,500 rpm
- Insulation: F Class
- Reducer/motor coupling: flange
- Noise level: 80 dB(A)



Size and weight (approx.):

- Size: 1,050x365x345 mm (length x width x height)
- Weight: 148.5 kg

#### **BDP-1000 · F3" · Explosionproof EExd**

**10130**

#### **TECHNICAL DATA**

##### **PUMP**

- Flow: **1,000 l/min**
- Operation pressure: 3.5 bar
- 640 rpm
- Connection through weldable flange of 3"
- **Recommended diameters:**
  - suction-delivery connection: Ø4"
- Moto-pump group performance: horizontal
- Bypass built-in

##### **MOTOR**

- Voltage: 400/690 VAC triphasic

- Frequency: 50 Hz
- Power: 7.5 kW
- IP-55 protection
- Condensable protection: encapsulated
- ATEX EExd IICT5 Certificate
- Turn speed: 1,500 rpm
- Insulation: F Class
- Reducer/motor coupling: flange
- Noise level: 80 dB(A)

Size and weight (approx.):

- Size: 1,264x420x405 mm (length x width x height)
- Weight: 227 kg