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BDP-300 300 l/min · 2.2 kW High flow pump



code 10120

G140b



mm (approx.) 345
1,000 355
kg (approx.) 125

USE

• **Bedplate Vane pump of high flow, self-suction, positive displacement, constant flow, inaudible, and heavy-duty.**

- The transfer is quick, uniform, and inaudible.
- The pump has a 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, and any non-corrosive and chemical liquid without solid particles in suspension.

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 and delivery connection: Ø3"
- Motopump group performance: horizontal
- Bypass built-in
- Material:
Body: GG-20 EN GJL-200 cast iron
Shaft: F114
Blades: Duravane (PPS with 15 % PTFE + 30 % fiberglass)
- Mechanical pump seal: DIN 24960
- Pump/reducer coupling: elastic (Martin Flex 50-1210/24-28,5)

MOTOR

- Voltage: 230-400 VAC triphase
- Frequency: 50 Hz
- Power: 2.2 kW
- Material: aluminium
- IP-55 protection
- Condensable protection: encapsulated
- ATEX EExd IIBT4 Certificate
- Turn speed: 1,500 rpm
- Isolation: Class F
- Constructive shape: horizontal B5
- Reducer/motor coupling: flange
- Noise level: 80 dB(A)

REDUCER

- Type: helical gear
- Inlet: 1,500 rpm · Outlet: 400 rpm
- Ratio: 3.75
- Model: IPC-128/3,7/250-28

