

IOW 225 N1/L1 Pump

Magnaline



Data sheet



IOW Group

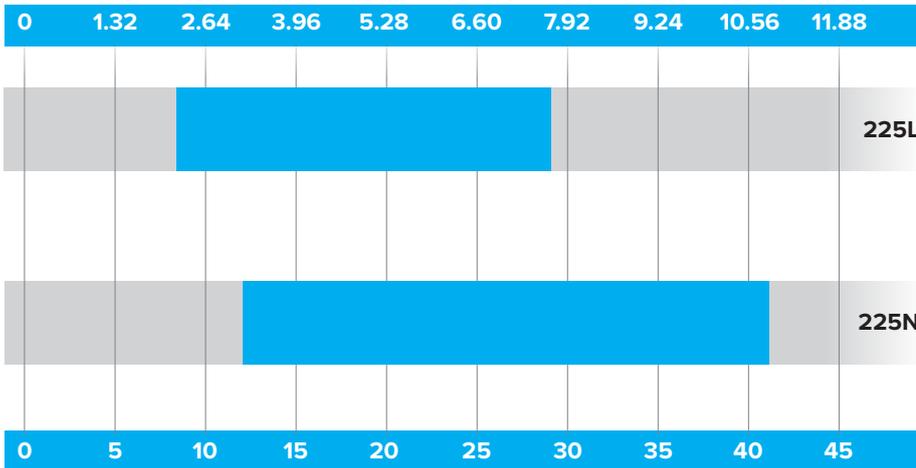
IOW 225 N1/L1 Pump



- ◆ IOW 225 N1/L1 has a flow volume of 8-41 l/min (2-11 gpm)
- ◆ Max differential pressure 16 Bar (232 psi)
- ◆ Pump connected to electric motor using a magnetic coupling, meaning there is no mechanical contact between pump and motor, and pumped liquid is fully enclosed within the pump.
- ◆ Pressure relief valve installed internally to protect the pump
- ◆ 2 different strengths of magnetic coupling available, depending on the viscosity of liquid to be pumped
- ◆ Connections for steam tracing to heat the pumped liquid up and reduce viscosity

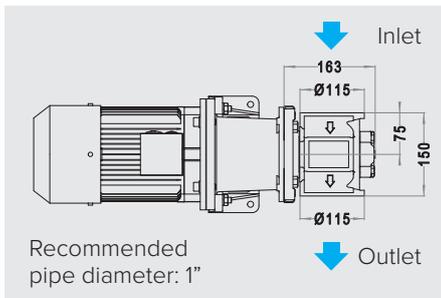
- ◆ 2 rotor leads available, depending on performance required
- ◆ Fluid viscosity: 1.4–1500 cSt.
- ◆ Fluid temperature: -20 to +180°C (-4 to +356°F)
- ◆ Max RPM: 3600

US Gallons per minute



Litres per minute

| Coupling | N m | lb ft |
|----------|-----|-------|
| A | 7 | 5 |
| B | 14 | 10 |



Advantages

- ◆ Designed to endure a long, problem free operation
- ◆ Self lubricating
- ◆ Can be used for a number of different liquids
- ◆ Can be approved to a number of classification societies
- ◆ Pumped liquid is fully enclosed
- ◆ Same day dispatch on spares
- ◆ Environmentally friendly
- ◆ Use of an angle bracket aids mounting
- ◆ Can be mounted horizontally or vertically

225L

| RPM | LPM | GPM | kW |
|------|------|-----|-----|
| 1470 | 8.5 | 2.2 | 0.3 |
| 1770 | 11.5 | 3.0 | 0.4 |
| 2950 | 23.2 | 6.1 | 0.8 |
| 3550 | 29 | 7.7 | 1.1 |

225N

| RPM | LPM | GPM | kW |
|------|------|------|-----|
| 1470 | 12.1 | 3.2 | 0.4 |
| 1770 | 16.3 | 4.3 | 0.5 |
| 2950 | 32.7 | 8.6 | 1.0 |
| 3550 | 41.0 | 10.8 | 1.3 |

NOTE: RPM = Rev per minute LPM = Litres per minute, GPM = US Gallons per minute, kW = Kilowatts

Applications

- ◆ Supplying fuel and lubrication to diesel engines
- ◆ Transferring oil in refineries, tank farms and on board ships
- ◆ Used by big machines, hydraulic systems and transformer oils
- ◆ Used for lubrication of gears, hydro turbines, turbines powered by steam or gas and paper machines

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