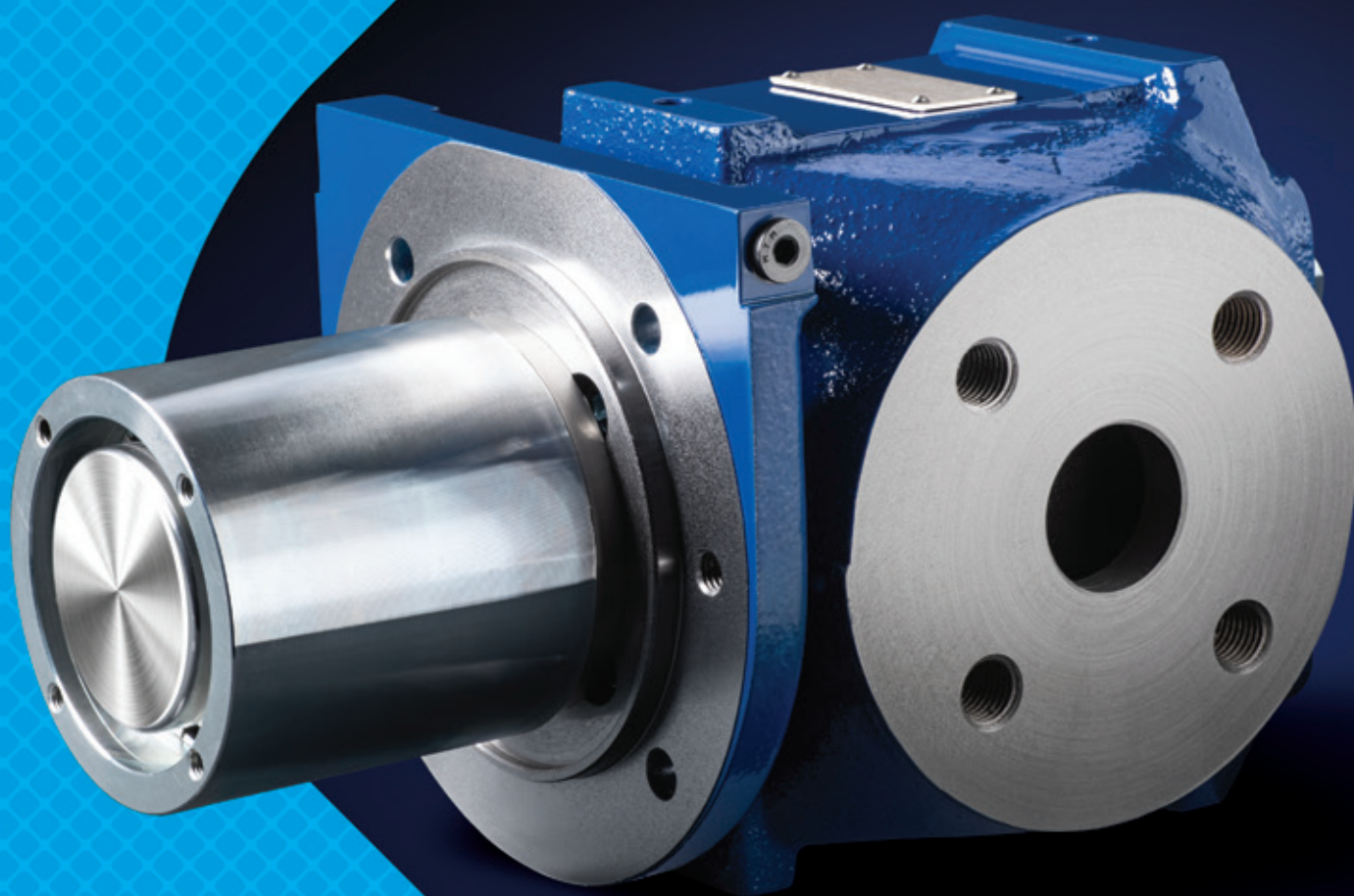


# IOW 225 N1/L1 Pump

Magnaline

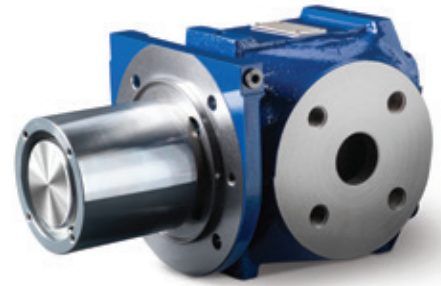


Data sheet



**IOW** Group

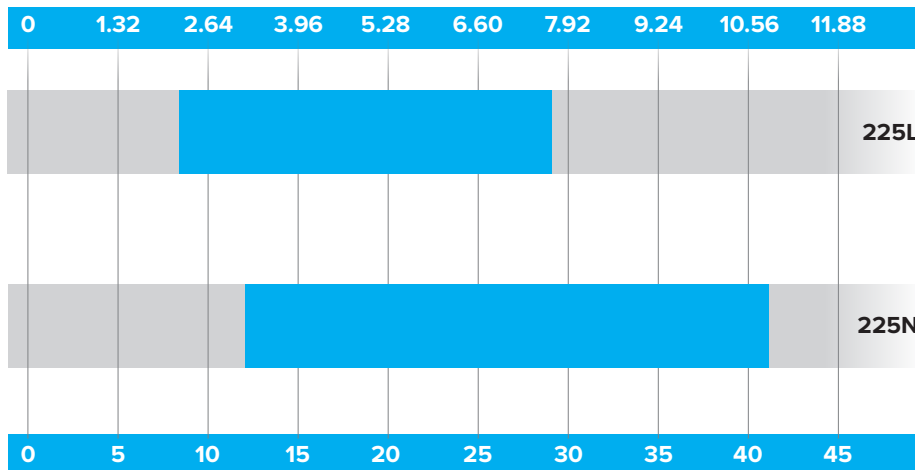
# IOW 225 N1/L1 Pump



- ◆ 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

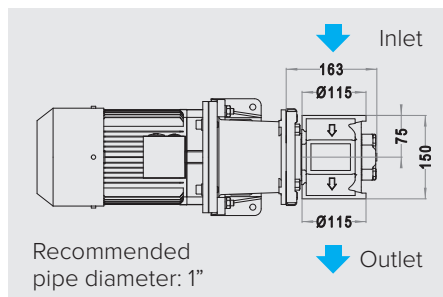
- ◆ 2 rotor leads available, depending on performance required
- ◆ Fluid viscosity: 1.4–1500 cSt.
- ◆ Fluid temperature: -20 to +180°C (-4 to +356°F)
- ◆ Max RPM: 3600

## US Gallons per minute



## Litres per minute

Coupling	N m	lb ft
A	7	5
B	14	10



## 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

## 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

## 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

 **Find out more...**  
visit [IOWGroup.com](http://IOWGroup.com)

