IOW 125 N3/L3 Pump

Mechline

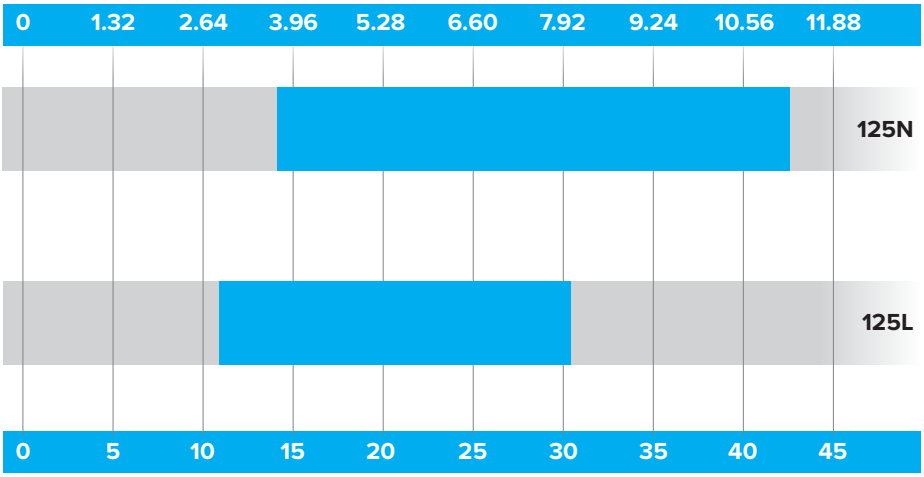
Data sheet

IOW Group

IOW 125 N3/L3 Pump

- IOW 125 N3/L3 has a flow volume of 11 - 42.5 l/min (2.9 - 11.2 gpm)
- Max differential pressure 7 Bar (102 psi)
- Pump is connected directly onto a flange-mounted IEC 71 electric motor. Pumped fluid is enclosed in the pump with the use of a shaft seal
- Pressure relief valve installed internally to protect the pump
- 2 different shaft seals available, depending on the viscosity of the pumped liquid
- 2 rotor leads available, depending on performance required
- Fluid viscosity: 1.4 - 1500 cSt
- Fluid temperature: -20 to +90°C (-4 to +194°F)
- Max RPM: 3600

US Gallons per minute



Litres per minute

125N

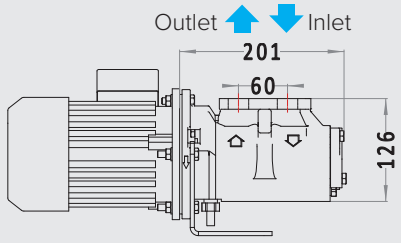
RPM	LPM	GPM	kW
1470	14.5	3.8	0.4
1770	17.6	4.6	0.5
2950	35.2	9.3	1.0
3550	42.5	11.2	1.1

125L

RPM	LPM	GPM	kW
1470	11	2.9	0.3
1770	14	3.7	0.4
2950	25	6.6	0.8
3550	30.6	8.1	1.0

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

Shaft Seal	Viscosity (cSt)	
	Min	Max
L	1.4	800
H	1.4	1500



Recommended pipe diameter: 1”

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
- 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

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