IOW 025 N2/L2 Pump

Mechline

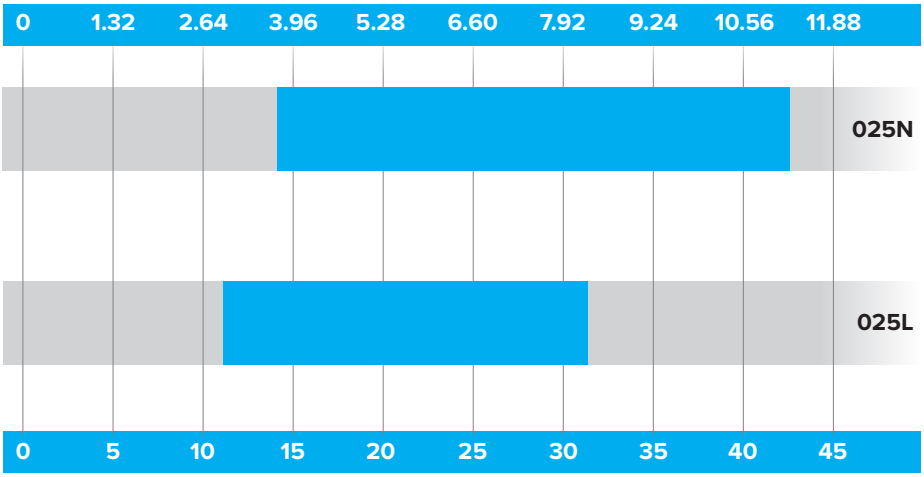
Data sheet

IOW Group

IOW 025 N2/L2 Pump

- IOW 025 N2/L2 has a flow volume of 11 - 42 l/min (3 - 11 gpm)
- Max differential pressure 16 Bar (232 psi)
- Power transferred from electric motor via flexible coupling. 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 temperature of the pumped liquid
- 2 rotor leads available, depending on performance required
- Fluid viscosity:
  L - 1.4 - 800 cSt,
  H - 1.4 - 3500 cSt.
- Fluid temperature: -20 to +155°C (-4 to +311°F)
- Max RPM: 3600

US Gallons per minute



Litres per minute

025N

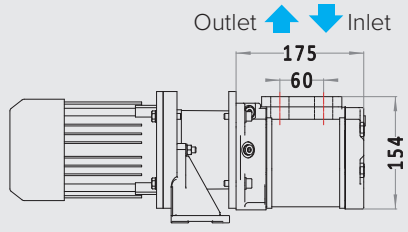
RPM	LPM	GPM	kW
1470	14	3.7	0.4
1770	17.5	4.6	0.5
2950	35	9.2	1.0
3550	42	11.1	1.3

025L

RPM	LPM	GPM	kW
1470	11	2.9	0.3
1770	14	3.7	0.4
2950	25	6.6	0.9
3550	31	8.2	1.1

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

Shaft Seal	Min Temp		Max Temp	
	°C	°F	°C	°F
L	-20	-4	90	194
H	-20	-4	155	311



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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