IOW 458 N1

Self Priming Pump

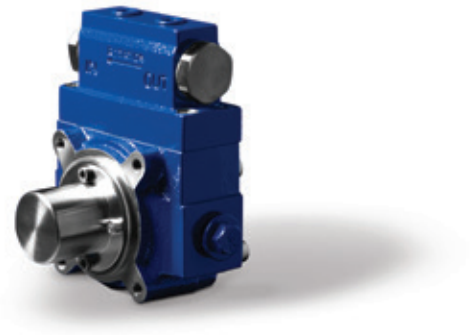
Magnaline

Data sheet



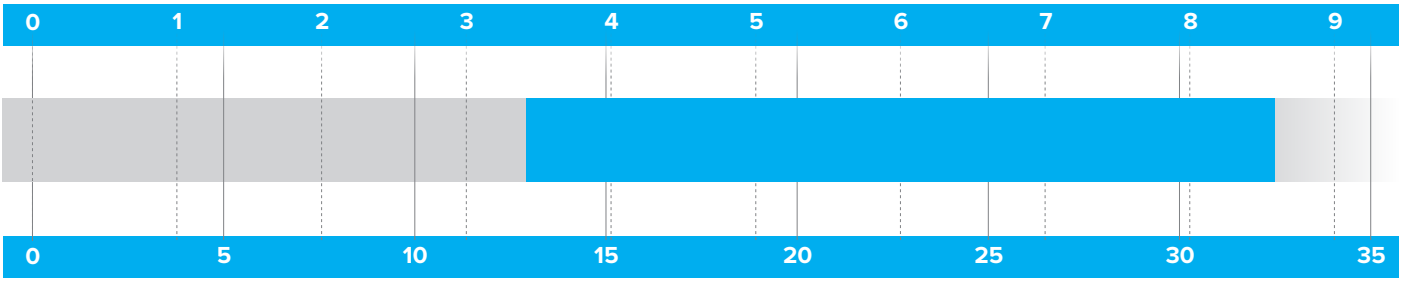
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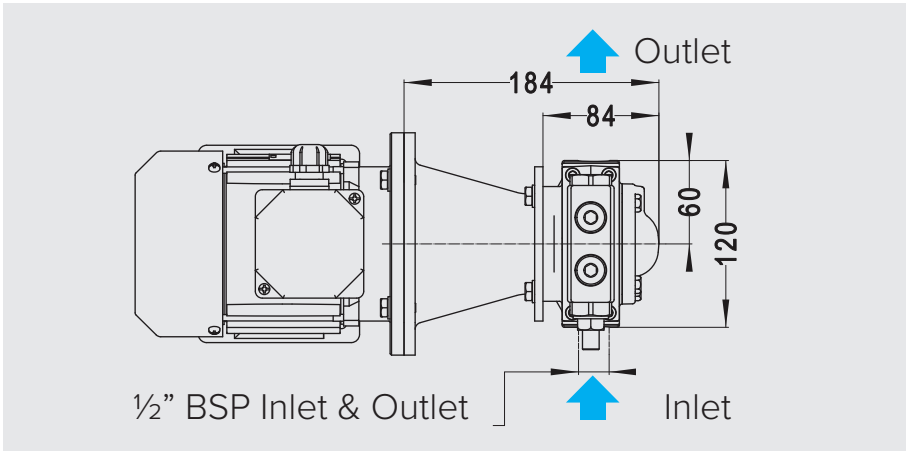


- IOW 458 N1 has a maximum flow of 31 l/min (8.2 US gpm)
- Pump connected to electric motor using a magnetic coupling, meaning there is no mechanical contact between pump and motor, and pumped liquid is fully enclosed within the pump
- Max differential pressure 10 bar (145 psi)
- Pressure relief valve installed internally to protect the pump
- Pump is self priming, meaning the pump clears its passages of air and starts pumping liquid
- The pump, even when equipped with an electric motor, has a very small footprint.
- Fluid temperature: -20 to +180°C (-4 to +356°F)

Flow (US Gallons per minute)



Flow (Litres per minute)



RPM	LPM	GPM	kW
1400	12.9	3.36	0.25
1700	15.9	4.10	0.3
3000	29.2	17.76	0.5
3500	32.5	8.59	0.65

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

Coupling	N m	lb ft
A	3	2.2

Advantages

- Designed to endure long, problem free operation
- Self lubricating
- Can be used for a number of different liquids
- Pump is self priming
- Pumped liquid is fully enclosed
- Same day dispatch on spares
- Environmentally friendly
- Small footprint

Applications

- Lubrication Systems
- Filtration Systems
- Fueling

Find out more...

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IOW Group Ltd reserves the right to make technical modifications to the pump specifications.