

IOW 458 N1

Self Priming Pump

Magnaline



Data sheet



IOW Group

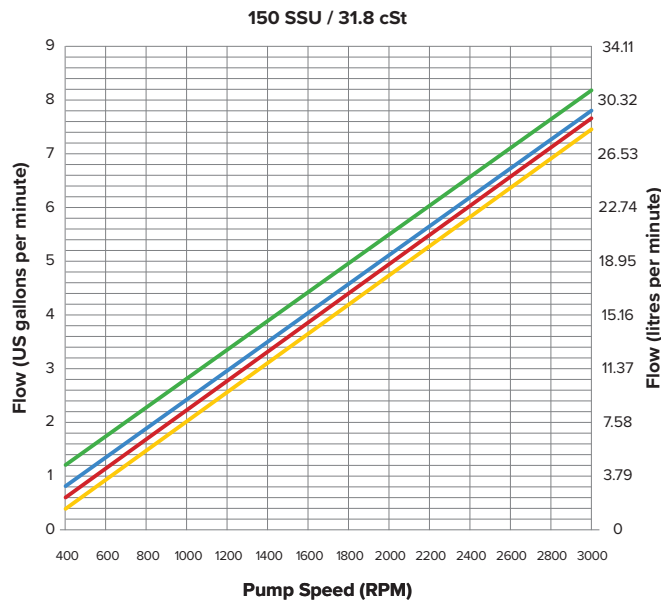
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Self Priming Pump



- ◆ 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)

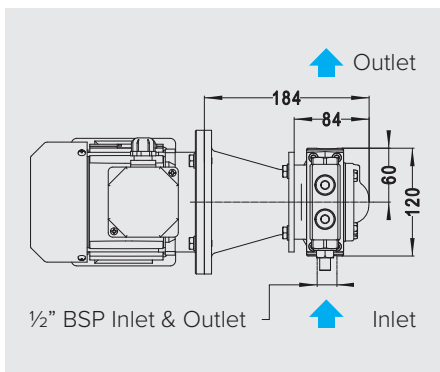
Flow



Power



Key — 0 bar (0 PSI) — 3.4 bar (50 PSI) — 16.9 bar (100 PSI) — 10.3 bar (150 PSI)



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

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