

IOW 345 N2/K2 Pump

Mechline



Data sheet



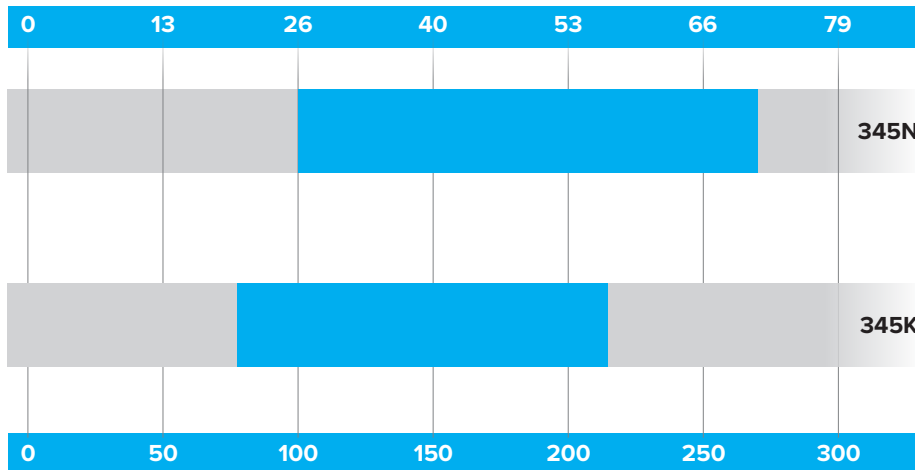
IOW Group

IOW 345 N2/K2 Pump



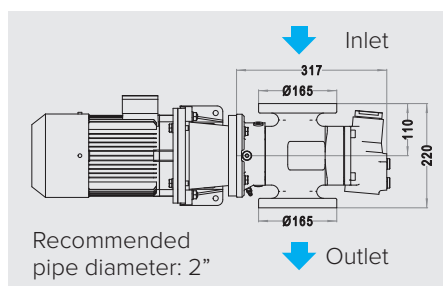
- ◆ IOW 345 N2/K2 has a flow volume of 80 - 268 l/min (21 - 71 gpm)
- ◆ Max differential pressure 16 Bar (232 psi)
- ◆ Power transferred from electric motor via flexible coupling. Pumped fluid is enclosed in the pump with the use of a shaft seal
- ◆ Pressure relief valve installed internally to protect 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 - 800cSt
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

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



345N

RPM	LPM	GPM	kW
1470	98	26	2.0
1770	120	32	2.5
2950	219	58	4.7
3550	268	71	6.0

345K

RPM	LPM	GPM	kW
1470	80	21	1.6
1770	100	26	2.0
2950	175	46	3.8
3550	214	57	4.8

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