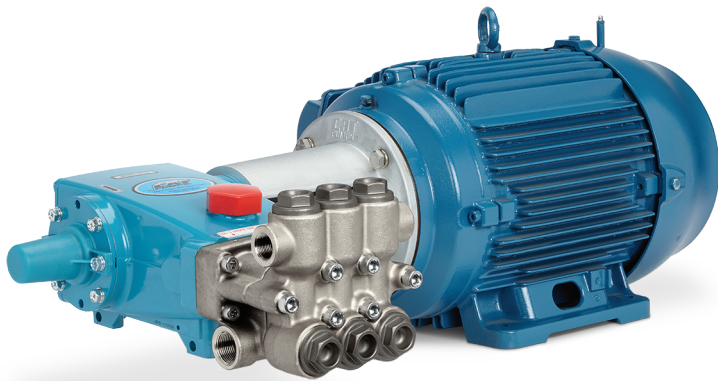


MODEL 1731 PLUNGER PUMP



59.8 LPM | 103 BAR

Superior Corrosion Resistance in a Compact Footprint

Cat Pumps designs and builds products to the highest quality levels. Every last design detail is optimized for product life and performance. The new Model 1731 is no exception, introducing the first direct-driven stainless steel triplex pump capable of achieving an unequaled 59.8 lpm.

Cat Pumps engineers have built on the success of our brass Model 1730 and created the new Model 1731. 316 stainless steel manifolds and internal components provide superior corrosion resistance, and multiple seal configurations provide further compatibility across a wide range of fluids. We have optimised every detail to produce an innovative pump design with excellent service life.

With a bell housing, the Model 1731 easily attaches to a "C" face motor (1750 rpm), allowing for a space-saving footprint. Bell housings are available for IEC motor applications. And being direct-driven, it is simple to install and maintain since there are no belts, pulleys or baseplates.

Designed for continuous-duty applications, the Model 1731 is what industry leaders demand — a dependable, high-quality product backed by world-class customer service, training and support.

Typical Applications

- Salt and Brackish Water Desalination (SWRO)
- Leachate Treatment
- Gas Turbine Cooling
- Industrial Wastewater Treatment and Reclamation
- Food Processing
- Water Treatment

Direct-Drive Features

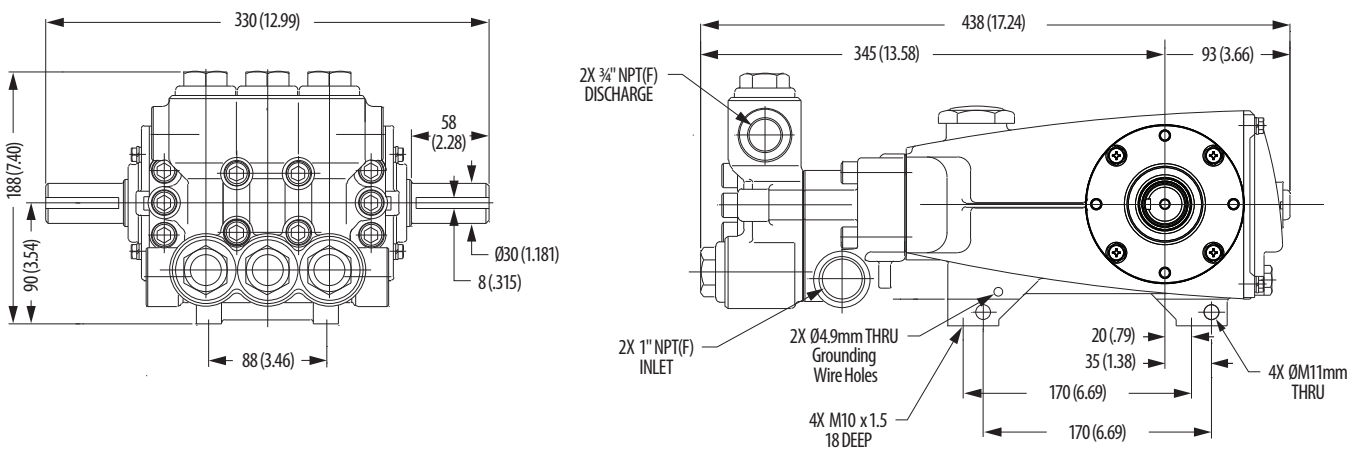
- Ease of assembly reduces time and labour costs
- Compact direct mounting reduces space requirement
- Eliminates belt selection, sizing and adjustment
- Bell housings are cast from lightweight, high-strength aluminium alloy

Specifications

	METRIC MEASURE	U.S. MEASURE
Flow	59.8 lpm	15.8 gpm
Pressure	103 bar	1500 psi
Pump RPM*	1750 rpm	1750 rpm
Inlet Pressure Range	Flooded to 4.8 bar	Flooded to 70 psi
Max Liquid Temperature	60° C	140° F
Inlet Ports (2)	1" NPT(F)	1" NPT(F)
Discharge Ports (2)	¾" NPT(F)	¾" NPT(F)
Weight	24.9 kg	55 lbs
Dimensions	438 x 330 x 188 mm	17.24 x 12.99 x 7.40"

*Pump minimum is 100 RPM.

Dimensions



Popular Accessories



Regulator

PN 7022.100
9.46–94.6 lpm
34.5–138 bar



Pop-off Valve

PN 9941
0–94.6 lpm
69–275 bar



Pressure Gauge

PN 6097
0–207 bar



Pulsation Dampener

PN 6014
Up to 94.6 lpm
0–165 bar
NBR Diaphragm



Crankcase Oil

PN 6132
1 Litre Bottle
Specially-Formulated
for Extended Protection

Contact Cat Pumps for more information at sales@catpumps.co.uk or +44 (0)1252 622031.



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