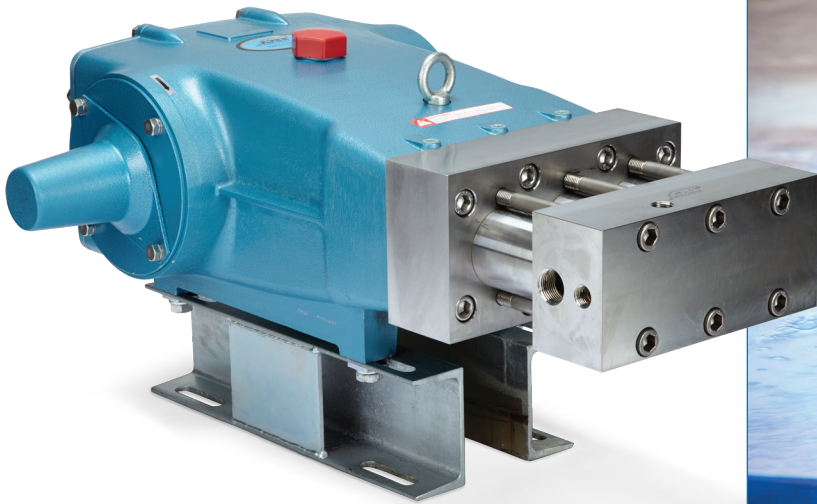


MODEL 6810 PLUNGER PUMP



10 GPM – 10,000 PSI

Engineered for Maximum Life and Unmatched Reliability

High pressure systems place extraordinary demands on system components. Design shortcomings can be easily magnified as the pressure approaches 10,000 psi/690 bar. Intensifiers and pumps operating at their design envelope can lead to unacceptable performance issues. With so much at stake, it is easy to see why designers turn to Cat Pumps for their high pressure pump requirements.

Cat Pumps model 6810 is designed and manufactured to address the challenges of high pressure systems. Each pump element is optimized for high pressure performance. Precision stainless steel seats and ceramic balls provide true sphericity and long life. Special concentric, high-density, polished, solid ceramic plungers provide a true wear surface and extended seal life. The 6810 is what you expect from Cat Pumps—uncompromising quality that makes it the best choice for system performance. For high pressure systems to 10,000 psi/690 bar, get the best—get Cat Pumps.

Features:

- V-Packings and Lo-Pressure Seals are completely lubricated and cooled, greatly increasing service life
- Low upswept volume maximizes volumetric efficiency, reducing energy costs and providing consistent flow
- Block-style, stainless steel manifolds designed for strength and corrosion resistance
- Chrome-moly crankshaft gives unmatched strength and surface hardness.
- Oversized crankshaft bearings with greater loading capacity mean longer bearing life

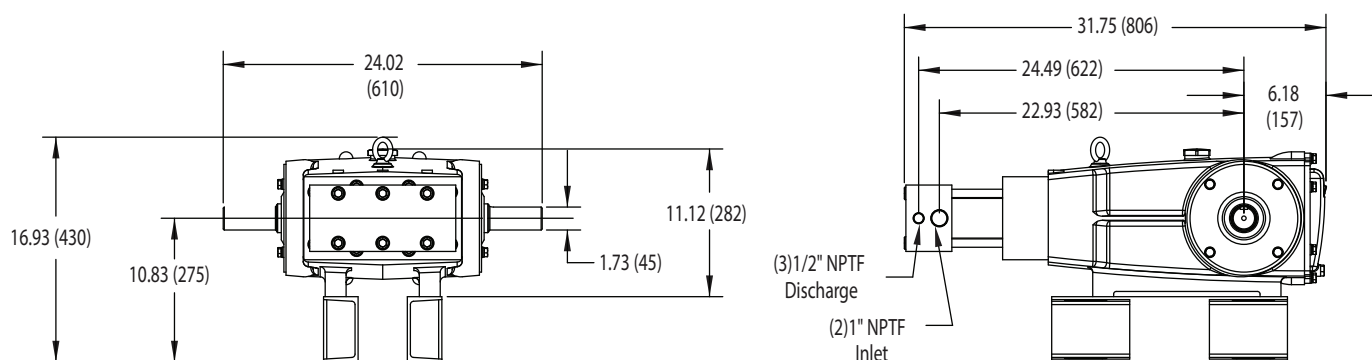
Typical Applications:

- Hydrostatic Testing
- Water Jetting
- Chemical Injection
- High-Pressure Tooling
- High-Pressure Washdown
- Surface prep/Tube Cleaning

Specifications

	US Measure	Metric Measure
Flow	10 gpm	38 lpm
Pressure	10,000 psi	690 bar
RPM	600 rpm	600 rpm
Inlet Pressure Range	Flooded to 60 psi	Flooded to 4 bar
Max Liquid Temperature	160°F	71°C
Inlet Ports (2)	1" NPTF	1" NPTF
Discharge Ports (3)	1/2" NPTF	1/2" NPTF
Weight	377 lbs	171 kg
Dimensions	31.75 x 24.02 x 11.12"	806 x 610 x 282 mm

Dimensions



Popular Accessories



Oil

PN 6107
21 oz. Bottle
Specially Formulated for
Extended Protection



Pressure Regulator

PN 7720
0.5 – 10.0 GPM
2,000-10,000 PSI



Relief Assembly

PN 9920
Rupture Disk
15,000 PSI



Pressure Gauge

PN 6081
0 – 20,000 PSI



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