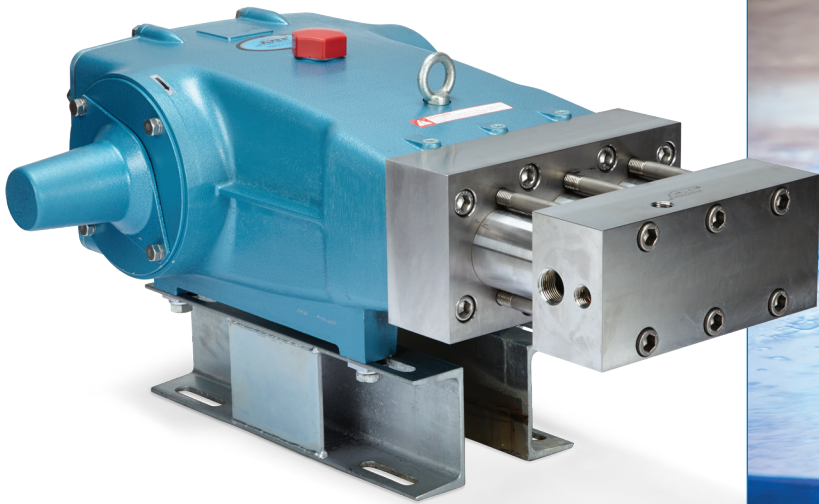


# MODEL 6810 PLUNGER PUMP



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

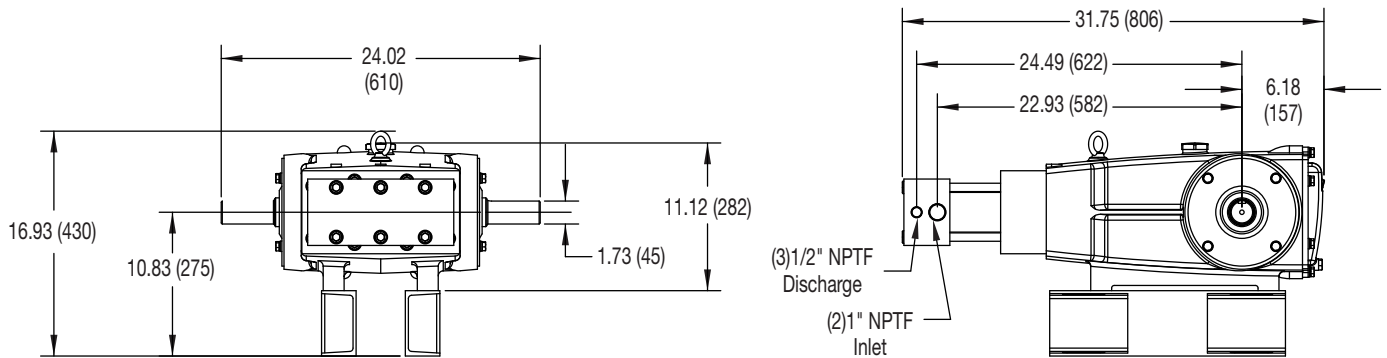
### Typical Applications:

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

## Specifications

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

Contact Cat Pumps for pricing or more information at [techsupport@catpumps.com](mailto:techsupport@catpumps.com) or 763-780-5440



### CAT PUMPS

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