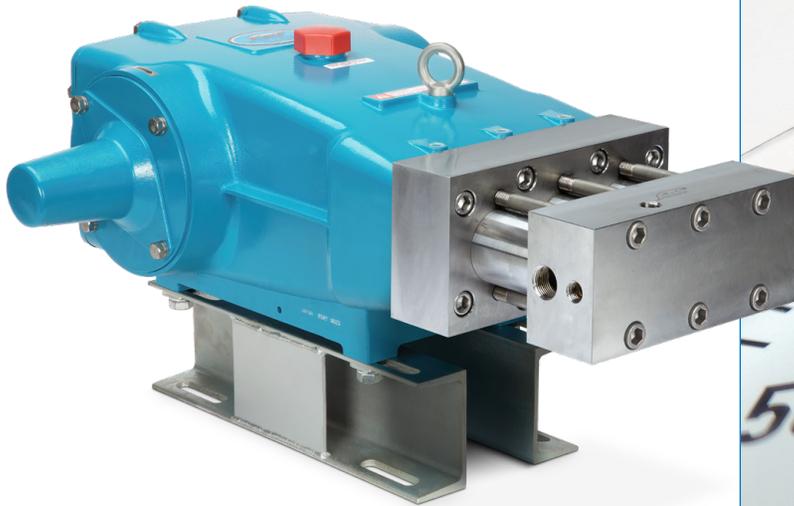


MODEL 6810 PLUNGER PUMP



10 GPM | 10,000 PSI

Engineered for Maximum Life and Unmatched Reliability

High-pressure systems place extraordinary demands on system components. Design shortcomings can magnify rapidly as the operating pressure approaches 10,000 psi/689 bar. With so much at stake, designers can quickly see why they turn to Cat Pumps for their high-pressure pump requirements.

Cat Pumps Model 6810 is designed to address the challenge of high-pressure systems. Each pump element is optimized for high-pressure performance. Concentric, high-density, polished solid ceramic plungers provide a true wear surface that extends seal life. In field applications, the 6810 has achieved up to 5X the life of competitive pumps.

The Model 6810 is what you expect from Cat Pumps: Uncompromising quality for optimum performance. For high-pressure systems to 10,000 psi/689 bar, make it Cat Pumps.

Features:

- Special UHMW V-Packings with bronze cylinder supports provide extra stability at high pressure and extend seal life
- Block-style, stainless steel manifolds designed for strength and corrosion resistance
- V-Packings and Low-Pressure Seals are completely lubricated and cooled, significantly increasing service life
- Oversized crankshaft bearings with greater loading capacity mean longer bearing life
- Low unswept volume maximizes volumetric efficiency, reducing energy costs and providing a consistent flow
- Chrome-moly crankshaft gives unmatched strength and surface hardness

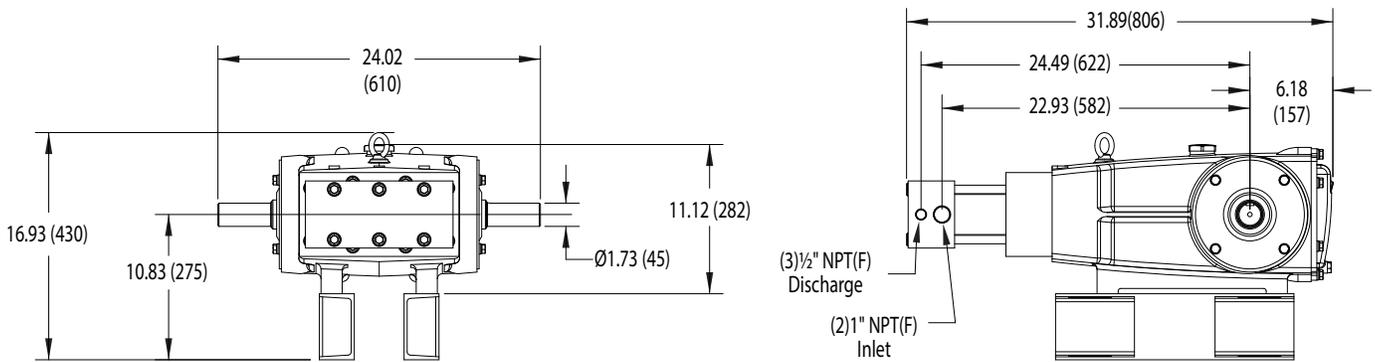
Typical Applications:

- Water Jetting
- Hydrostatic Testing
- 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 | 689 bar |
| RPM | 600 rpm | 600 rpm |
| Inlet Pressure Range | Flooded to 50 psi | Flooded to 3.5 bar |
| Maximum Liquid Temperature | 140° F | 60° C |
| Inlet Ports (2) | 1" NPT(F) | 1" NPT(F) |
| Discharge Ports (3) | ½" NPT(F) | ½" NPT(F) |
| Weight | 376 lbs | 170 kg |
| Dimensions | 31.89 x 24.02 x 11.12" | 806 x 610 x 282 mm |

Dimensions



Popular Accessories



Pressure Regulator
 PN 7720
 0.5 – 10.0 gpm
 2000 – 10,000 psi



Pop-Off Valve
 PN 9975
 10.6 gpm
 2900 – 14,500 psi



Pressure Gauge
 PN 6081
 0.5 – 10.0 gpm
 2000 – 10,000 psi



Pulsation Dampener
 PN 6032
 10 gpm
 10,000 psi



Oil
 PN 6102
 2.5 Gallon Jug
 Specially-Formulated
 for Extended Protection

Contact Cat Pumps for more information at info@catpumps.com or (763) 780-5440



CAT PUMPS
 1681 – 94TH LANE N.E. MINNEAPOLIS, MN 55449-4324
 PHONE (763) 780-5440 — FAX (763) 780-2958
info@catpumps.com | www.catpumps.com