



100839

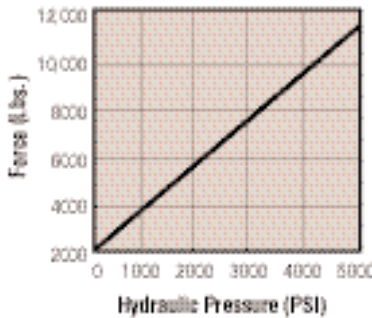
This clamp is ideal for permanent installation on presses to facilitate quick die changes or can be used in many workholding applications. Its unique design allows it to be mounted simply by using a clamp riser equal in thickness to the member being clamped. Just two 5/8" grade 8 cap screws are sufficient to mount the clamp and resist its 11,180 lbs. maximum clamping force. For proper clamp support and minimum deflection, design the riser so that it contacts the entire clamp mounting surface.

Two pressure ports make these clamps easy to chain together without the need for an extra tee fitting for each clamp.

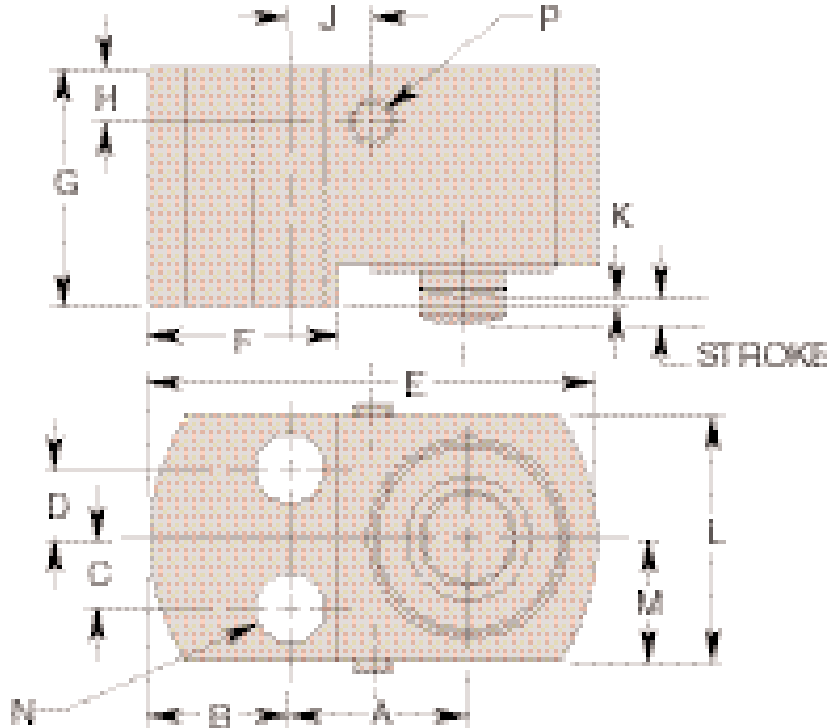
The clamp features a low overall height, heat treated body bronze plated piston and a piston rod wiper seal to keep contaminant's out. Intended for use in 5,000 psi maximum systems, this single acting, spring return clamp has a .250 inch stroke.

Features:

- Bronze plated piston and piston rod
- Heat treated, corrosion resistant body
- Rod wiper seal



Performance
— Clamp No. 100839



| Cat. No. | Specifications | | | | Dimensions (In Inches) | | | | | | | | | | | | | |
|----------|----------------|--------------|---------------------|--------------------|------------------------|-------|------|------|--------|-------|-------|------|------|------|-------|-------|--------|--------------------|
| | *Force (Lbs.) | Stroke (In.) | Eff. Area (Sq. In.) | Oil Cap. (Cu. In.) | A | B | C | D | E Dia. | F | G | H | J | K | L | M | N Dia. | P Port Thread Size |
| 100839 | 11,180 | .250 | 2.236 | .56 | 1.600 | 1.250 | .625 | .625 | 4.000 | 1.690 | 2.125 | .480 | .750 | .050 | 2.190 | 1.095 | .656 | 1/8 NPTF |

NOTE: * Based on 5,000 psi max. operating pressure. Use of this product may require modifications of or attachments to the dies to be clamped. This work should be performed only by persons qualified to insure system safety.