## **6000-SW SERIES**

### Manual Swing Clamps | Product Overview and Dimensions

#### Features:

- Left or right swing motion available
- 90° Swing clamp arm motion
- Higher clamping force than pneumatic version
- Though-hole mounting
- Clamp arm can be radially positioned 360°
- Handle can be radially positioned up to 180°

#### **Applications:**

- Assembly
- Checking fixtures
- Welding fixtures
- Tensioning devices





Swing Left





6004-SWL Clamp Arm Swing Left

#### 6004-SWR Clamp Arm

Swing Right





Shown in open (un-clamp) position.

#### **Color Handles**

Available on models in this series. Add -Y, -G, -B, -K to end of model number.



| Model    | Swing<br>Direction | Max.<br>Holding<br>Capacity* | Total<br>Stroke<br>[in] mm | Stroke<br>During<br>Rotation<br>[in] mm | Stroke<br>Straight<br>Pull<br>[in] mm | Weight<br>[lb] Kg |
|----------|--------------------|------------------------------|----------------------------|---|---------------------------------------|-------------------|
| 6002-SWL | LH                 | [400 lbf]<br>1780 N          | [0.75]                     | [0.53]                                  | [0.22]                                | [0.95]            |
| 6002-SWR | RH                 |                              | 19.1                       | 13.5                                    | 5.6                                   | 0.43              |
| 6004-SWL | LH                 | [600 lbf]<br>2670 N          | [1.50]                     | [0.87]                                  | [0.63]                                | [1.32]            |
| 6004-SWR | RH                 |                              | 38                         | 22                                      | 16                                    | 0,6               |

Technical Information | Holding Capacities | Dimensions

\*Straight pull. Does not account for clamp arm.



Dimensions and technical information are subject to change without notice

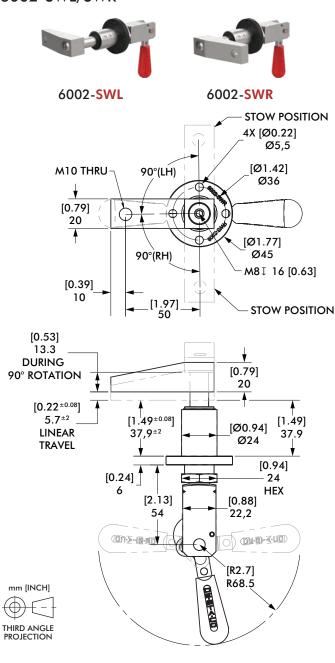
MC-PSC 40



# **6000-SW SERIES**

Manual Swing Clamps | Product Overview and Dimensions

6002-SWL/SWR



| Applied Force          | [25]  | [20]  | [15]  | [10]  |
|------------------------|-------|-------|-------|-------|
| (on handle) [lbs] N    | 111   | 89    | 67    | 44    |
| Plunger Pull Force     | [360] | [288] | [216] | [144] |
| (straight pull)        | 1601  | 1281  | 961   | 641   |
| Clamp Force            | [229] | [189] | [149] | [108] |
| (with arm shown below) | 1019  | 841   | 663   | 480   |

6004-SWL/SWR 6004-SWL 6004-SWR STOW POSITION 4X [Ø0.22] Ø5,5 [Ø1.42] 90° (ĹH) M10 THRU Ø36 G [0.79] [Ø1.77] 20 90° (RH) Ø45 M81 16 [0.63] [0.39] [1.97] STOW POSITION 10 50 [0.86] [0.79] 22 20 DURING [Ø0.50] 90° ROTATION Ø12,7  $[0.63^{\pm 0.13}]$  $16.1^{\pm 3.2}$ LINEAR [2.16<sup>±0.13</sup>] [Ø0.94] [2.10] TRAVEL 54,8<sup>±3.2</sup> Ø24 53,3 [1.00] 25,4 [0.39] HEX 10 [0.24] [2.85<sup>±0.13</sup>] [0.88] 6 72,4<sup>±3,2</sup> 22,2 01.5 -101-1 Ó 0 mm [INCH] 11.11-4.10 [R3.68] R93,5 THIRD ANGLE PROJECTION ON-N-40-MO

| Applied Force          | [40]  | [30]  | [20]  | [10]  |
|------------------------|-------|-------|-------|-------|
| (on handle) [lbs] N    | 178   | 133   | 89    | 44    |
| Plunger Pull Force     | [576] | [432] | [288] | [144] |
| (straight pull)        | 2562  | 1922  | 1281  | 641   |
| Clamp Force            | [323] | [269] | [189] | [108] |
| (with arm shown below) | 1437  | 1197  | 841   | 480   |

Higher clamping forces than pneumatic version

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Dimensions and technical information are subject to change without notice