

Options

(-L) Hand Wheel Lock

This option adds an aluminum clamping block to the end of a pillow block, which then provides for a manual lock of the bearing to the shaft. The threaded hand wheel shaft presses into a bronze insert which makes contact to provide a "pressure lock" to the shaft. The threaded steel screw will not back drive and does not make physical contact with the steel shaft (no steel to steel contact). The lock will be installed as shown below when ordered with a SLBC, SLBO, DLBC, DLBO, or TRCA series. Multiple locks can be installed onto a TRCA assembly.

| Nominal Shaft Diameter (inches) | Dimensions (inches) | | | | | | |
|---------------------------------|---------------------|------|------|------|------|--------|------|
| | A | B | C | D | E | | F |
| | | | | | open | closed | |
| 8 - 0.500 | 1.680 | 1.72 | 2.00 | 0.50 | .56 | .44 | 2.00 |
| 10 - 0.625 | 1.875 | 1.53 | 2.00 | 0.50 | .50 | .31 | 2.50 |
| 12 - 0.750 | 2.067 | 1.46 | 2.00 | 0.50 | .37 | .18 | 2.75 |
| 16 - 1.000 | 2.312 | 1.34 | 2.00 | 0.50 | .19 | --- | 3.25 |
| 20 - 1.250 | 3.125 | 1.66 | 2.50 | 0.75 | .17 | --- | 4.00 |
| 24 - 1.500 | 3.625 | 1.46 | 2.50 | 0.75 | .05 | --- | 4.75 |
| 32 - 2.000 | 4.600 | 1.45 | 2.50 | 0.75 | --- | --- | 6.00 |

