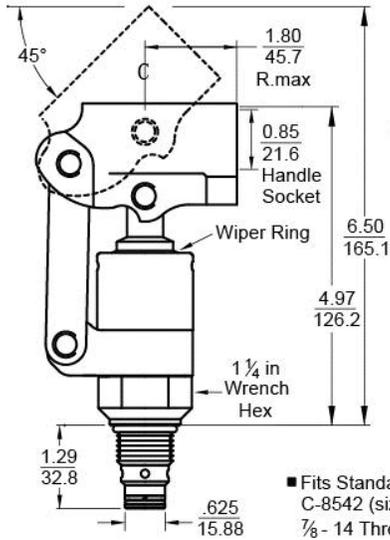


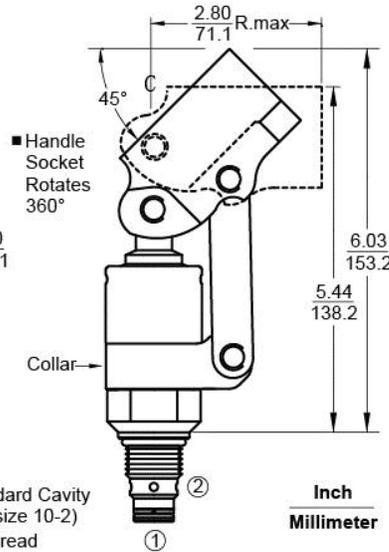
# Hydraulic Cartridge Style Hand Pumps

## 3.8 K | 242-S Series

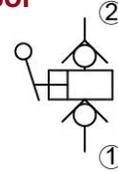
### Push Style



### Pull Style



### Functional Symbol



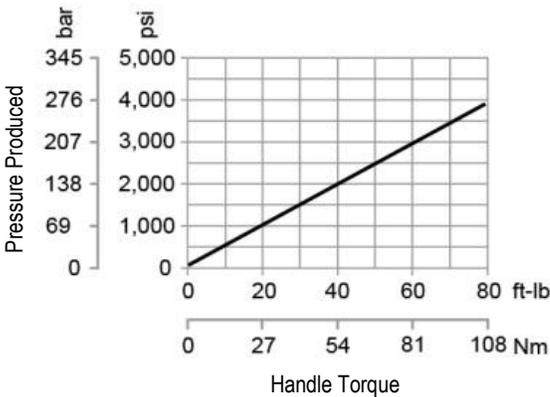
### Technical

|  |                              |
|--|------------------------------|
| Operating Pressure                           | 5,000 psi [345 bar]          |
| Proof Pressure                               | 7,500 psi [518 bar]          |
| Produced Pressure (80 ft.-lb. handle torque) | 3,800 psi [262 bar]          |
| Displacement (Flow per stroke cycle)         | 0.249 cu. in. [4.0 cc]       |
| Temperature                                  | -40° to 248°F [-40 to 120°C] |
| Weight                                       | 1.8 lbs. [0.82 kg]           |
| Installation Position                        | No Restrictions              |
| Cavity                                       | C-8542 [size 10-2]           |
| Cavity Form Tooling                          | FT-8542                      |

### Performance and Operation

Maximum Operating Pressure 5,000 psi [345 bar]  
 Maximum Handle Torque 80 ft. lbs. [108.5 N-m]

#### Pressure Produced | Handle Torque



### Guided Check System

Our guided check system is a special style check for applications demanding exceptional low leak hold. Bubble tested for 0 leaks. Flow direction from ports 2 to 1.

### Installation Note

Lubricate seals and install into cavity with a 1-1/4 in. wrench. Torque to approximately 50 ft. lbs. [68 N-m].

### Order Info

■ Part No. 24256

#### Linkage Style

- 1 = Push to Pressurize
- 2 = Pull to Pressurize

#### Handle Joining Option i

- (Blank) = No Joining Option
- L = Lanyard and Pin
- P = Pin with E-clips

#### Seals

- (Blank) = Buna N O-rings
- E = Teflon® O-rings
- R = EPR/EPDM O-rings
- V = Viton® O-rings

Note: All pump back-up rings are Teflon.  
 Wiper ring is polyurethane.

#### Materials

- S = Stainless Steel with Electroless Nickel  
 Plated Carbon Steel – Socket and Collar
- SS = All Components Are Stainless Steel