

SPECIFICATIONS:

Normally Closed Check Valve
Manually operate to Open
Maximum pressure at Ports 1 and 2 is 5,000 PSI.
See "SHIFT FORCE NOTES" regarding operating force required to open valve.
1/4" Stroke is approximate.
Overtravel protection feature is available.
Install Cartridge valve using 1" wrench
Final tightening to 20 foot pounds torque.
Use lubricant on external oil seals and mounting threads.
Fluid temperature -45°F (-42.7°C) to 200°F (93.3°C)

STANDARD OPTIONS

Handknob operator shown. Other operators available are Cam Operators and Overtravel Protection. Handknob is Aluminum standard or Stainless optional.
T Option 10-32 vent ports at Key 7 (2 Places)
Seat (Key 4) material is heat treated Stainless.
Seal Materials used are Buna-N and Teflon.
Optional seal and construction materials available.

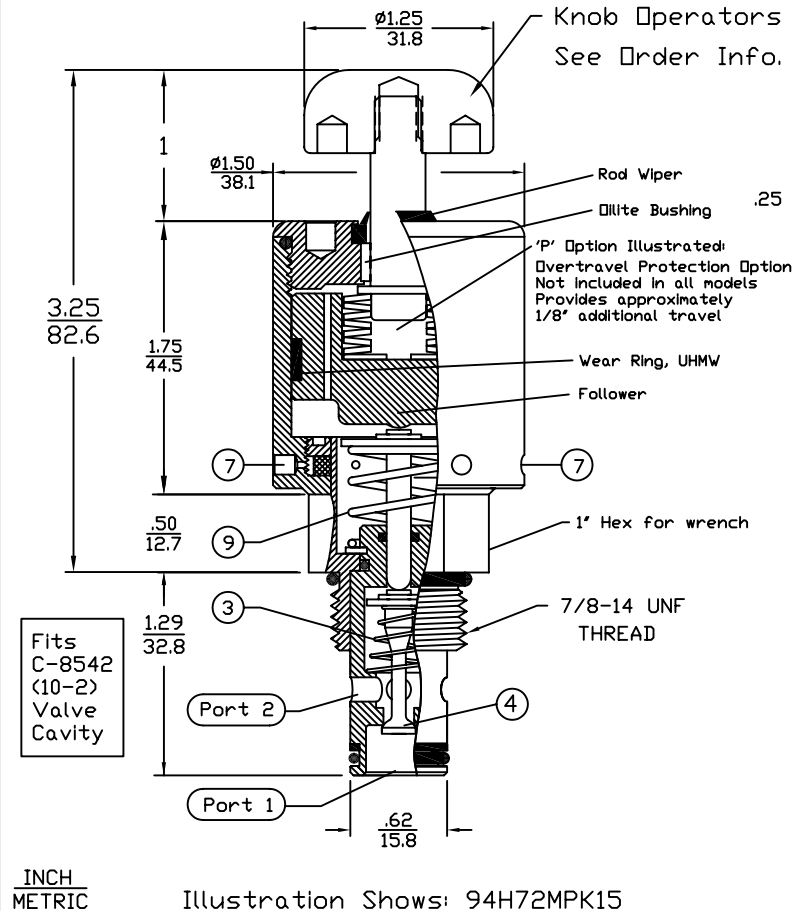
SHIFT FORCE NOTES:

15 Pounds of Force is required to compress springs, Key 3 & 9

To determine the additional operating force imposed by the system pressure, multiply the system pressure X .03 and add the result to the 15 Pound spring force.

Example: 1,000 PSI System
1,000 X .03 = 30#
30 + 15 = 45#
Total Operator Force = 40#

CARTRIDGE VALVE



Cavity & Housing

Cavity C-8542 (10-2);
See Spec. Sheet 1200621

Line Mount Housings:
See Spec. Sheets
1200674 and 1201455

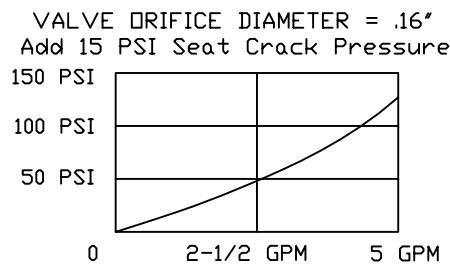
Panel Mount Housings:
See Spec. Sheets
1202982 and 1202990

Valve Number: 94H72M##15

□ = No Overtravel Protection
P = Overtravel Protection

Operators:
D = Direct Plunger
K = Knob, Aluminum
R = Knob, Red Ano.
S = Knob, Stainless

PRESSURE DROP CHART $C_v=0.4$



POC SERIES

