CARTRIDGE VALVE

SPECIFICATIONS:

Normally Closed Check Valve
Manual Override to hold Open.
Maximum pressure at Ports 1 and 2 is 5,000 PSI.
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)

MATERIALS & OPTIONS

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#
If Tank is Port 2, force is less.

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

OPERATORS:

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

Check Valve with Manual Override
to hold open.