



# SERIES 28/35 HIGH PRESSURE CONTROLLER

GENERAL PURPOSE PRESSURE CONTROL  
OF GASES AND HYDRAULIC FLUIDS

## FEATURES:

- Compact and Lightweight
- Self Relieving (captured vent)
- Accurate and easily adjustable
- Panel mounting adaptor supplied as standard

## SPECIFICATIONS:

- Maximum inlet pressure:  
Hydraulic - 690 barg (10,000 psig)  
Gas - 465 barg (6,750 psig)
- Outlet pressure ranges: see order information
- Flow coefficient (Cv) 0.08
- Fluid Media: Gases (including sour gases) and Hydraulic Fluids
- Operating temperature range: -20 to +90C
- Spill and Gauge Ports: 1/4" female
- Process Ports: 1/4", 3/8" or 1/2" female  
NPT, BSP or SAE threads available for all ports

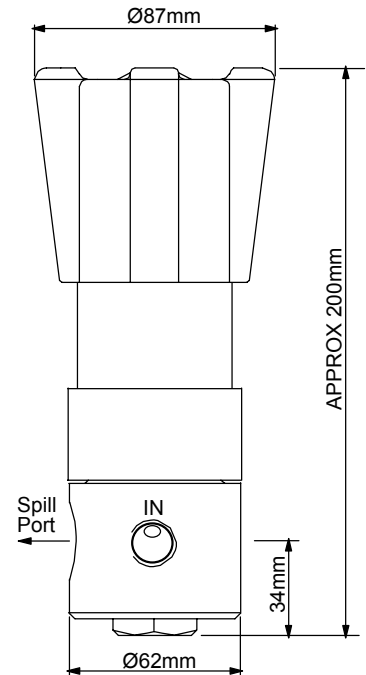
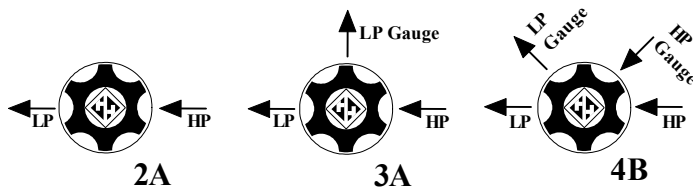
## MATERIALS OF CONSTRUCTION:

- Body and Spring housing - 316 stainless steel
- Soft Seat - Seal: PEEK 450G; Stem: 316 SST
- Hard Seat - Seal: 17/4 SST; Stem: ANSI 440C SST
- O rings - Viton, Buna-N or EPDM

## OPTIONAL FEATURES:

- Other industry standard ports can be provided.
- Pressure gauges
- Locked adjuster
- Maximum limit stop

## Standard Port Configurations (other configurations are available)



## ORDERING INFORMATION:

	28/35	1	S	V	2A	D	X	X	0
<b>Basic Series</b>									
<b>Outlet Pressure Range</b>									
1 - 1 to 150 psi									
2 - 2 to 500 psi									
3 - 5 to 1000 psi									
4 - 10 to 1500 psi									
5 - 15 to 2500 psi									
6 - 25 to 4000 psi									
7 - 50 to 6000 psi									
8 - 200 to 10000 psi									
<b>Seat Option</b>									
S - Soft, H - Hard									
<b>O rings</b>									
V - Viton, B - Buna-N, E - EPDM									
<b>Porting Code</b>									
See Configuration Drawings									
<b>Process Port</b>									
A - 1/4"NPT, B - 1/4"BSP, C - 1/4"SAE									
D - 3/8"NPT, E - 3/8"BSP, F - 3/8"SAE									
G - 1/2"NPT, H - 1/2"BSP, I - 1/2"SAE									
<b>Inlet Gauge</b>									
X - No Gauge									
A - 0-200 psig									
B - 0-600 psig									
C - 0-1000 psig									
D - 0-2000 psig									
E - 0-3000 psig									
F - 0-6000 psig									
G - 0-10000 psig									
<b>Outlet Gauge</b>									
X - No Gauge									
A - 0-200 psig									
B - 0-600 psig									
C - 0-1000 psig									
D - 0-2000 psig									
E - 0-3000 psig									
F - 0-6000 psig									
G - 0-10000 psig									
<b>Pressure Adjustment</b>									
0 - Handwheel, 1 - Locked, 2 - Limit Stop									