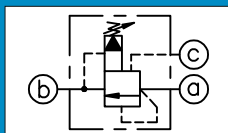


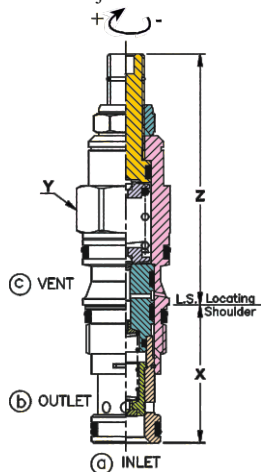
RELIEF VALVE

Ventable, Pilot Operated, Balanced Piston



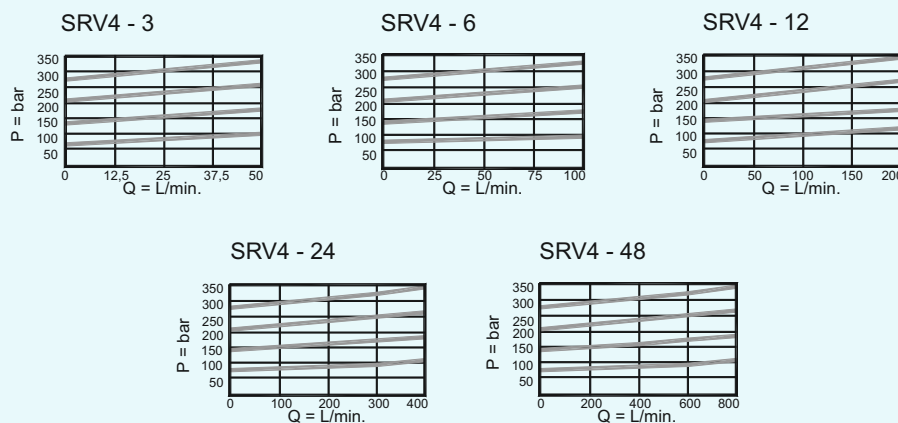
SERIES - SRV4

Full Adjustment 5 Turns



Performance Curves

Typical Pressure Rise



Capacity	Typical Cartridge Model Code	Cavity	Cartridge Dimensions			Installation Torque (Nm)
			X	Y	Z	
30 L/min.	SRV4 - 3 - S - DR	CV - 272	31	19.1	65	35/40
60 L/min.	SRV4 - 6 - S - DR	CV - 228	34.9	22.2	64	40/50
120 L/min.	SRV4 - 12 - S - DR	CV - 273	34.9	28.6	72	60/70
240 L/min.	SRV4 - 24 - S - DR	CV - 283	46	31.8	84	200/215
480 L/min.	SRV4 - 48 - S - DR	CV - 231	63.5	41.3	100	465/500

- Maximum operating pressure = 5000 psi
- Pressure at port 3 (vent) controls the valve below its setting.
- Back pressure on the tank port (port 2) is directly additive at a 1:1 ratio to the valve setting.
- Control pilot flow = SRV4 - 3, SRV4 - 6: 0.11 L/min. to 0.16 L/min.; SRV4 - 12: 0.16 L/min. to 0.25 L/min.; SRV4 - 24, SRV4 - 48: 0.25 L/min. to 0.33 L/min.
- Factory pressure setting established at 15 L/min.
- Typical response time 10 ms.
- Maximum leakage = SRV4 - 3, SRV4 - 6: 32.8 cc/min/1000 psi, SRV4 - 12: 49.2 cc/min/1000 psi, SRV4 - 24: 65.5 cc/min/1000 psi, SRV4 - 48: 81.9 cc/min/1000 psi.
- SRV4 - 3 minimum setting for all spring ranges is 72 psi.
- Will accept maximum pressure at port 2.
- Adjustment Range = 'DR' & 'YL' are standard set at 1000 psi

ORDERING INFORMATION

SRV 4 - * - S - *

1 2 3 4 5

1. Model Code - SRV
2. Model Series - 4
3. Nominal Capacity
3 = 30 L/min.
6 = 60 L/min.
12 = 120 L/min.
24 = 240 L/min.
48 = 480 L/min.

4. Control - Standard Screw
5. Pressure Range
DR = 100 - 3000 psi
YL = 145 - 4500 psi