



This assembly consists of a 30 PSI check and a pilot-operated, balanced-piston relief cartridge which is a normally closed pressure regulating valve. When the pressure at the inlet (P port) reaches the valve setting, the valve starts to open to tank (T port), throttling flow to regulate the pressure. These valves are accurate, have low pressure rise vs. flow, they are smooth and quiet, and are moderately fast.

**TECHNICAL DATA** NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

Body Type	Subplate
Interface	ISO 05
Capacity	25 gpm
Body Features	P to T, check on P, side ports
Check Cracking Pressure	30 psi
Stack Height	1.94 in.
Mounting Hole Diameter	.44 in.
Mounting Hole Quantity	4

- NOTES:**
- **Important:** Carefully consider the maximum system pressure. The pressure rating of the manifold is dependent on the manifold material, with the port type/size a secondary consideration. Manifolds constructed of aluminum are not rated for pressures higher than 3000 psi (210 bar), regardless of the port type/size specified.
  - For detailed information regarding the cartridges contained in this assembly, click on the models codes shown in the Included Components tab.

## OPTION SELECTION EXAMPLE: YREJLAWNNK

CONTROL	(L)	ADJUSTMENT RANGE (A)	ADJUSTMENT RANGE (W)	SEAL MATERIAL	(N)	SEAL MATERIAL	(N)	PORT AND MATERIAL DESIGNATION	(K)
L	Standard Screw Adjustment	A	100 - 3000 psi (7 - 210 bar), 1000 psi (70 bar) Standard Setting	W	100 - 5000 psi (7 - 350 bar)	N	Buna-N	K	Ports A, B, P, T — SAE 10; Gage Port — 1/4" NPTF; Aluminum
C	Tamper Resistant - Factory Set			D	25 - 3000 psi (1,7 - 210 bar)	V	Viton	C	Ports A, B, P, T — 1/2" NPTF; Gage Port — 1/4" NPTF; Aluminum
K	Handknob	B	50 - 1500 psi (3,5 - 105 bar), 1000 psi (70 bar) Standard Setting					C/S	Ports A, B, P, T — 1/2" NPTF; Gage Port — 1/4" NPTF; Iron
W	Hex Wrench Adjustment	C	150 - 6000 psi (10,5 - 420 bar), 1000 psi (70 bar) Standard Setting					K/S	Ports A, B, P, T — SAE 10; Gage Port — 1/4" NPTF; Iron
Y	Tri-Grip Handknob	D	25 - 800 psi (1,7 - 55 bar), 400 psi (28 bar) Standard Setting					V	Ports A, B, P, T — 1/2" BSPP; Gage Port — 1/4" BSPP; Aluminum
		E	25 - 400 psi (1,7 - 28 bar), 200 psi (14 bar) Standard Setting					V/S	Ports A, B, P, T — 1/2" BSPP; Gage Port — 1/4" BSPP; Iron
		N	60 - 800 psi (4 - 55 bar), 400 psi (28 bar) Standard Setting						
		Q	60 - 400 psi (4 - 28 bar), 200 psi (14 bar) Standard Setting						
		W	150 - 4500 psi (10,5 - 315 bar), 1000 psi (70 bar) Standard Setting						

### TECHNICAL FEATURES

- Not suitable for use in load holding applications due to spool leakage.
- Back pressure on the tank port (port 2) is directly additive to the valve setting at a 1:1 ratio.