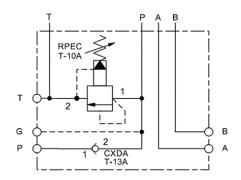
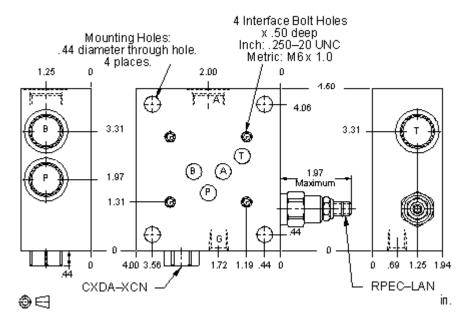
Relief assembly with reverse flow check

CAPACITY: 25 gpm



sunhydraulics.com/model/YREJ





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.

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OPTION SELECTION EXAMPLE: YREJLAWNNK

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

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