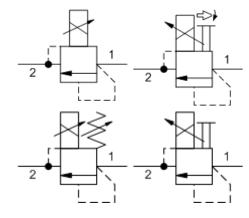
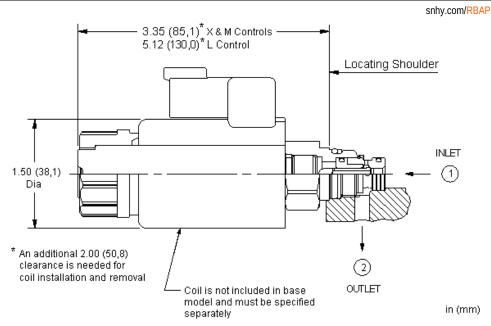
## sun hydraulics

MODEL







This 2-port, pilot-stage, direct-acting relief cartridge is an electro-proportionally controlled, pressure regulating valve. The proportional control allows for infinite, step-less adjustability within the selected pressure range. When the pressure at port 1 (inlet) is sufficient to overcome the solenoid forces, as determined by the analog input signal, the poppet lifts and allows flow from port 1 to port 2 (outlet). This pilot control cartridge utilizes the T-8A cavity so it can be used in conjunction with Sun's main stage, pressure control elements.

## **TECHNICAL DATA**

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

Maximum Operating Pressure	350 bar		
Maximum Valve Leakage at Reseat	25 cc/min.		
Manual Override Force Requirement	66 N/100 bar @ Port 1		
Reseat	>85% of setting		
Seal kit - Cartridge	Buna: 990208007		
Seal kit - Cartridge	Viton: 990208006		

NOTES Please verify cartridge clearance requirements when choosing a Sun manifold. Different valve controls and coils require different clearances.

## **CONFIGURATION OPTIONS**

## Model Code Example: RBAPXAN

CONTROL	(X)	ADJUSTMENT RANGE	(A)	SEAL MATERIAL	(N)	COIL *
X No Manual Override		A 300 - 3000 psi (20 - 210 bar)		N Buna-N		No coil
E Twist (Extended) Manual Override		<b>B</b> 150 - 1500 psi (10,5 - 105 bar)		E EPDM		212 DIN 43650-Form A, 12 VDC
L Manual Override - Adjustable		<b>D</b> 50 - 750 psi (3,5 - 50 bar)		V Viton		224 DIN 43650-Form A, 24 VDC
T Tuning Adjustment		<b>W</b> 500 - 5000 psi (35 - 350 bar)				712 Twin Lead, 12 VDC
						724 Twin Lead, 24 VDC
						912 Deutsch DT04-2P, 12 VDC
						924 Deutsch DT04-2P, 24 VDC
						* Additional coil options are available