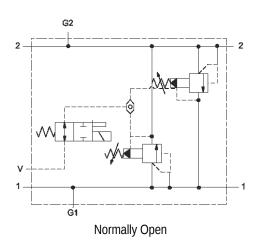
CAPACITY: 30 gpm

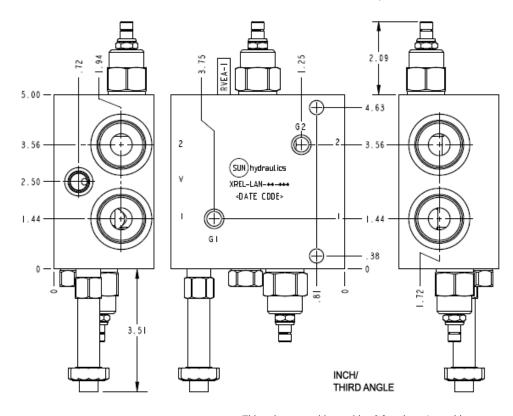


sunhydraulics.com/model/XREL



CONFIGURATION

<u>L</u>	Control	Standard Screw Adjustment
Α	Adjustment Range	100 - 3000 psi (7 - 210 bar), 1000 psi (70 bar) Standard Setting
N	Seal Material	Buna-N
F	Solenoid Designation	740 Coil-Normally Open (with RVEA primary cartridge, Ventable, pilot-operated, balanced piston relief valve)
K	Port and Material Designation	Ports 1 & Dr. SAE 10; Gage Ports — 1/4" NPTF; Port V — SAE 6; Aluminum
224	Coil	DIN 43650 3 pin (Hirschman) 24 VDC



This valve assembly provides 2 functions. It provides crossport relief protection between ports 1 and 2. The solenoid valve vents both relief valves, dropping the pressure to a minimal level. This assembly is available in both normally open and normally closed options. The normally open option

means the pressure is at a low level until the solenoid is energized. The normally closed option means the pressure is at a high level until the solenoid is energized.

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

Body Type	Line mount		
Capacity	30 gpm		
Mounting Hole Diameter	.42 in.		
Mounting Hole Depth	Through		
Mounting Hole Quantity	2		

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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Solenoid operated cross port relief assembly

CAPACITY: 30 gpm

Continued from previous page

OPTION SELECTION EXAMPLE: XRELLANFK224

CONTR	OL .	(L)	ADJUSTMENT RANGE	(A)	SEAL N	IATERIAL	(N)
L	Standard Screw Adjustment		A 100 - 3000 psi (7 - 210 bar), 1000 psi (70	bar)	N	Buna-N	
С	Tamper Resistant - Factory Set		Standard Setting		٧	Viton	
Υ Τ	Tri-Grip Handknob		B 50 - 1500 psi (3,5 - 105 bar), 1000 psi (7) bar) Standard Setting	0			
			C 150 - 6000 psi (10,5 - 420 bar), 1000 psi bar) Standard Setting	(70			
			D 25 - 800 psi (1,7 - 55 bar), 400 psi (28 ba Standard Setting	ır)			
			E 25 - 400 psi (1,7 - 28 bar), 200 psi (14 ba Standard Setting	ır)			
			Q 60 - 400 psi (4 - 28 bar), 200 psi (14 bar) Standard Setting				
			W 150 - 4500 psi (10,5 - 315 bar), 1000 psi bar) Standard Setting	(70			

INCLUDED COMPONENTS

Part	Description	Quantity
CSABXXN	Cartridge	1
DTAFMHN224	Cartridge	1
RVEALAN	Cartridge - Primary	2

TECHNICAL FEATURES

- The two ports marked 1 are common as are the two marked 2. The high pressure relief that is physically on the same side as port 1 controls the pressure on port 2 and vice versa.
- This assembly is well suited to loading and unloading a pump.
- The nature of a vented relief is that it brings the pressure up in a smooth manner. Unloading is abrupt.
- Now available with FLeX Series solenoid valves. See CONFIGURATION section, SOLENOID DESIGNATION to specify.

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