



CONFIGURATION

L	Control	Standard Screw Adjustment
A	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 & 2 — 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 cross-port 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.

OPTION SELECTION EXAMPLE: XRELLANFK224

CONTROL	(L) ADJUSTMENT RANGE	(A) SEAL MATERIAL	(N)
L Standard Screw Adjustment	A 100 - 3000 psi (7 - 210 bar), 1000 psi (70 bar) Standard Setting	N Buna-N	
C Tamper Resistant - Factory Set	B 50 - 1500 psi (3,5 - 105 bar), 1000 psi (70 bar) Standard Setting	V Viton	
Y Tri-Grip Handknob	C 150 - 6000 psi (10,5 - 420 bar), 1000 psi (70 bar) Standard Setting		
	D 25 - 800 psi (1,7 - 55 bar), 400 psi (28 bar) Standard Setting		
	E 25 - 400 psi (1,7 - 28 bar), 200 psi (14 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		

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.