



This assembly is a combination of the cushion lock circuit and flow dividers. It provides flow division to two actuators in both directions. It provides overrunning load control in both directions. It provides cross-port relief protection. It provides thermal relief protection. It supplies make-up oil. It flushes hot and dirty oil out of the actuators.

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

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

- NOTES:**
- All SAE o-ring porting per ISO 11926. All NPTF porting per ANSI B1.20.1. All BSPP porting parallel thread.
 - For detailed information regarding the cartridges contained in this assembly, click on the models codes shown in the Included Components tab.
 - **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.

CONFIGURATION OPTIONS

Model Code Example: YCBILHNAJ

CONTROL	(L) FUNCTIONAL SETTING RANGE	(H) SEAL MATERIAL	(N)
L Standard Screw Adjustment	H 1000 - 4000 psi w/25 psi Check (70 - 280 bar w/ 1,7 bar Check), 3000 psi (210 bar) Standard Setting	N Buna-N	
C Tamper Resistant - Factory Set	A 1000 - 4000 psi w/4 psi Check (70 - 280 bar w/ 0,3 bar Check), 3000 psi (210 bar) Standard Setting	V Viton	
	B 400 - 1500 psi w/4 psi Check (28 - 105 bar w/ 0,3 bar Check), 1000 psi (70 bar) Standard Setting		
	I 400 - 1500 psi w/25 psi Check (28 - 105 bar w/ 1,7 bar Check), 1000 psi (70 bar) Standard Setting		

PRIMARY CARTRIDGE

(A)

A	3:1 (with CBBA primary cartridge, 3:1 pilot ratio, restrictive counterbalance valve)
H	10:1 (with CBBHX primary cartridge, Fixed setting, 10:1 pilot ratio, restrictive counterbalance valve)
G	4.5:1 (with CBBGX primary cartridge, Fixed setting, 4.5:1 pilot ratio, restrictive counterbalance valve)
A	3:1 (with CBBAX primary cartridge, Fixed setting, 3:1 pilot ratio, restrictive counterbalance valve)
H	10:1 (with CBBH primary cartridge, 10:1 pilot ratio, restrictive counterbalance valve)
G	4.5:1 (with CBBG primary cartridge, 4.5:1 pilot ratio, restrictive counterbalance valve)

INCLUDED COMPONENTS

Part	Description	Quantity
CBBALHN	Cartridge - Primary	4
CXCDXCN	Cartridge	4
FSBDXAN	Cartridge	2