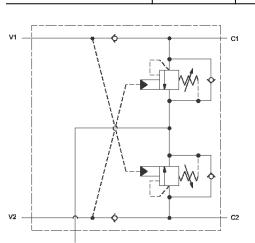




Dual cushion lockassembly

CAPACITY: 30 gpm





sunhydraulics.com/model/YCEN

This valve assembly provides overrunning load-control and load-port relief protection and includes a load sense shuttle for brake release. Connecting the T port is optional and will supply make-up oil and may flush hot dirty oil out of the actuator. Oil coming out of the actuator may return to tank through either port T or the directional valve.

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

Mounting Hole Diameter	.40 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.

©2024 Sun Hydraulics 1 of 2



Dual cushion lockassembly

CAPACITY: 30 gpm

Continued from previous page

CONFIGURATION OPTIONS

Model Code Example: YCENLHNAL

CONTROL (L) FUNCTIONAL SETTING RANGE (H) SEAL MATERIAL (N)

Standard Screw Adjustment

Н	1000 - 4000 psi w/25 psi Check (70 - 280 bar w/ 1,7 bar Check), 3000 psi (210 bar) Standard Setting	N	Buna-N	
		V	Viton	
Α	1000 - 4000 psi w/4 psi Check (70 - 280 bar w/ 0,3 bar Check), 3000 psi (210 bar) Standard Setting			
В	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)

Α	3:1 (with CBEA primary cartridge, 3:1 pilot ratio, standard capacity counterbalance valve)
Н	10:1 (with CBEHX primary cartridge,)
G	4.5:1 (with CBEGX primary cartridge, Fixed setting, 4.5:1 pilot ratio, standard capacity counterbalance valve)
Α	3:1 (with CBEAX primary cartridge, Fixed setting, 3:1 pilot ratio, standard capacity counterbalance valve)
Н	10:1 (with CBEH primary cartridge, 10:1 pilot ratio, standard capacity counterbalance valve)
G	4.5:1 (with CBEG primary cartridge, 4.5:1 pilot ratio, standard capacity counterbalance valve)

INCLUDED COMPONENTS

Part	Description	Quantity
CBEALHN	Cartridge - Primary	2
CXEDXCN	Cartridge	2

©2024 Sun Hydraulics 2 of 2