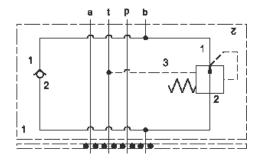


pressure compensated flow control out of the directional valve.





Sunhydraulics.com/model/YLCB This valve assembly consists of a normally-open restrictive style compensator on the B port. Its purpose is to provide a relatively constant pressure drop across the directional valve thus isolating the directional valve spool from high flow forces. This is accomplished by throttling the return from the B port. The constant drop creates a

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

Body Type	Sandwich
Interface	ISO 03
Body Features	Meter out B
Seal Plate Included (see notes)	Yes
Stack Height	1.75 in.

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.

CONFIGURATION OPTIONS Model Code Example: YLCBXHNAA CONTROL (X) DIFFERENTIAL PRESSURE (H) SEAL MATERIAL (N) Not Adjustable Х Н 200 psi (14 bar) Ν Buna-N D 50 psi (3,5 bar) ۷ Viton F 100 psi (7 bar) PRIMARY CARTRIDGE (A) A (with LPDC primary cartridge, Normally open, modulating element) А

A A (with LPDCL primary cartridge, Tuneable, normally open, modulating element)

INCLUDED COMPONENTS

Part	Description	Quantity
500-001-012*	O-Ring	4
700-002*	Seal Plate	1
811-001-006*	Pin	1
850-004-250*	Plug	2
CXDAXCN	Cartridge	1
LPDCXHN	Cartridge - Primary	1