



This valve assembly consists of a normally-open restrictive style compensator on the A 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 A port. The constant drop creates a pressure compensated flow control out of the directional valve.

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

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

- NOTES:**
- Customer to install locating pin (included) for functional orientation desired.
 - Stack height value in technical data table includes seal retainer plate.
 - 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: YLCAXHNAA

| CONTROL | (X) DIFFERENTIAL PRESSURE | (H) SEAL MATERIAL | (N) |
|-------------------------|---------------------------|-------------------|-----|
| X Not Adjustable | H 200 psi (14 bar) | N Buna-N | |
| | D 50 psi (3,5 bar) | V Viton | |
| | F 100 psi (7 bar) | | |

PRIMARY CARTRIDGE

(A)

| | |
|----------|---|
| A | A (with LPDC primary cartridge, Normally open, modulating element) |
| 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 |