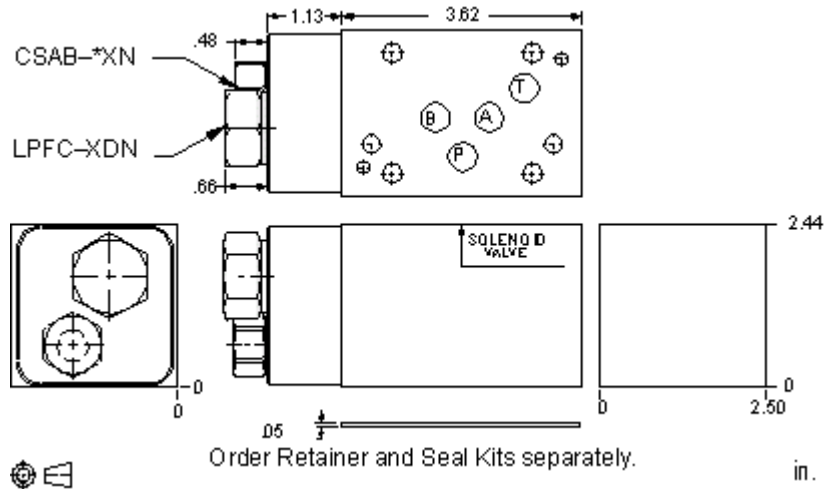


Restrictive pressure compensator with load sense port



This valve assembly consists of a normally-open restrictive style compensator on the P port and a shuttle that senses pressure from the higher of the 2 work ports. 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 supply into the P port. The constant drop creates a pressure compensated flow control out of the directional valve. The shuttle valve has a auxiliary port in the hex body for connection into the load sense system.

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

| | |
|---------------------------------|--------------|
| Body Type | Sandwich |
| Interface | ISO 05 - X&Y |
| Body Features | Meter in P |
| Seal Plate Included (see notes) | No |
| Stack Height | 2.44 in. |

- NOTES:**
- This installation requires a seal retainer plate and seal kit which are purchased separately. See "Related Accessories" section.
 - 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: YFEQXHNN

| CONTROL (X) | DIFFERENTIAL PRESSURE (H) | SEAL MATERIAL (N) | SEAL MATERIAL (N) |
|-------------------------|-----------------------------|-------------------|-------------------|
| X Not Adjustable | H 200 psi (14 bar) | N Buna-N | N Buna-N |
| | D 50 psi (3,5 bar) | V Viton | V Viton |
| | F 100 psi (7 bar) | | |
| | G 150 psi (10,5 bar) | | |