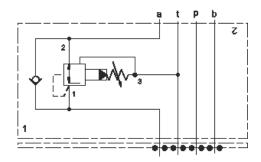


MODEL

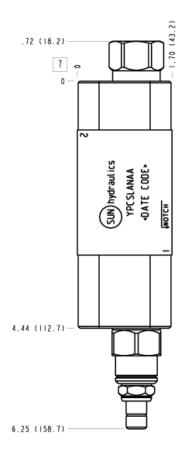


sunhydraulics.com/model/YPCS



### CONFIGURATION

| L | Control                             | Standard Screw Adjustment  |  |  |
|---|-------------------------------------|--|--|--|
| A | Adjustment<br>Range                 | 100 - 3000 psi (7 - 210 bar), 200<br>psi (14 bar) Standard Setting                       |  |  |
| Ν | Seal Material                       | Buna-N   |  |  |
| A | Primary<br>Cartridge                | A (with PPDB primary cartridge,<br>Pilot-operated, pressure<br>reducing/relieving valve) |  |  |
| A | Port and<br>Material<br>Designation | A Aluminum   |  |  |
|   |                                     |  |  |  |



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

| Body Type                       | Sandwich                     |
|---------------------------------|------------------------------|
| Interface                       | ISO 03                       |
| Capacity                        | 10 gpm                       |
| Body Features                   | On A with reverse flow check |
| Seal Plate Included (see notes) | Yes                          |
| Stack Height                    | 1.76 in.                     |

NOTES: • 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.

### **OPTION SELECTION EXAMPLE: YPCSLANAA**

| CONTR  | ROL   | (L) | ADJUST | IMENT RANGE (A)   | SEAL   | MATERIAL        | (N) |
|--------|---|-----|--------|---|--------|-----------------|-----|
| L<br>C | Standard Screw Adjustment<br>Tamper Resistant - Factory Set |     | A      | 100 - 3000 psi (7 - 210 bar), 200 psi (14 bar)<br>Standard Setting    | N<br>V | Buna-N<br>Viton |     |
| к<br>W | Handknob  |     | В      | 50 - 1500 psi (3,5 - 105 bar), 200 psi (14 bar)<br>Standard Setting   | • •    |                 |     |
|        | Hex Wrench Adjustment<br>Tri-Grip Handknob                  |     | С      | 150 - 6000 psi (10,5 - 420 bar), 200 psi (14<br>bar) Standard Setting |        |                 |     |
|        |   |     | D      | 25 - 800 psi (1,7 - 55 bar), 200 psi (14 bar)<br>Standard Setting     |        |                 |     |
|        |   |     | Е      | 25 - 400 psi (1,7 - 28 bar), 200 psi (14 bar)<br>Standard Setting     |        |                 |     |
|        |   |     | Ν      | 60 - 800 psi (4 - 55 bar), 200 psi (14 bar)<br>Standard Setting       |        |                 |     |
|        |   |     | Q      | 60 - 400 psi (4 - 28 bar), 200 psi (14 bar)<br>Standard Setting       |        |                 |     |
|        |   |     | W      | 150 - 4500 psi (10,5 - 315 bar), 200 psi (14<br>bar) Standard Setting |        |                 |     |
|        |   |     |        |   |        |                 | ,   |

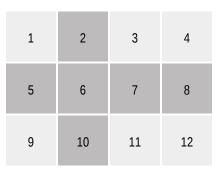
#### PRIMARY CARTRIDGE

| А | A (with PPDB primary cartridge, Pilot-operated, pressure reducing/relieving valve)   |
|---|--|
| Α | A (with PPDB8 primary cartridge, Pilot-operated, pressure reducing/relieving main stage with integral T-8A control cavity) |

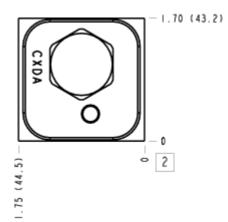
## **INCLUDED COMPONENTS**

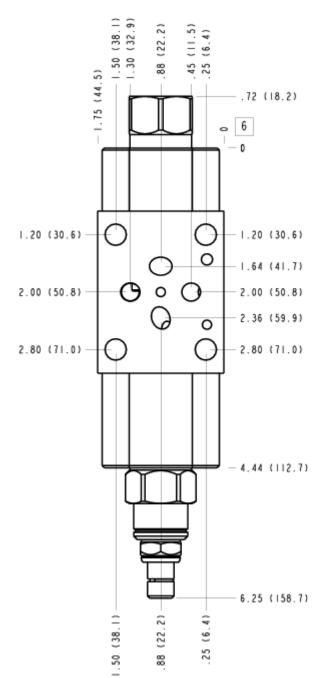
| Part         | Description         | Quantity |
|--------------|---------------------|----------|
| 500-001-012* | O-Ring              | 4        |
| 700-002*     | Seal Plate          | 1        |
| 811-001-006* | Pin                 | 1        |
| 850-004-250* | Plug                | 2        |
|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

# FACE GRID









FACE 6



