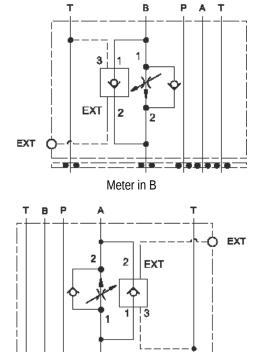




sunhydraulics.com/model/YFEL



Meter out A

This assembly consists of a fully-adjustable, pressure-compensated flow control with reverse-flow check which provides precise flow regulation for meter-in or meter-out applications where there may be wide pressure fluctuations. It is infinitely adjustable from nearly closed up to the maximum flow. An integral high-capacity check valve provides unrestricted flow in the reverse direction. The rapid or feed rate is selected by a vented, pilot-to-open check valve with an external pilot port.

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

| Body Type | Sandwich |
|---------------------------------|---------------------------------|
| Interface | ISO 05 |
| Capacity | 30 gpm |
| Body Features | Meter in on B or meter out on A |
| Control Flow Range | 0 - 12 gpm |
| Seal Plate Included (see notes) | Yes |
| Stack Height | 2.49 in. |

NOTES: • The external 1/4 NPTF pilot port is part of the pilot to open check cartridge.

- 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: YFELLANBA

| CONTROL | - | (L) | ADJUS | TMENT RANGE | (A) | SEAL | MATERIAL | | (N) |
|---------|--------------------------------------|-----|-------|-------------------------------|-----|------|----------|----|-----|
| L | Standard Screw Adjustment | | А | .2 - 12 gpm (0,8 - 45 L/min.) | | Ν | Buna-N | | |
| С | Tamper Resistant - Factory Set | | В | .2 - 3 gpm (0,8 - 11 L/min.) | | V | Viton | | |
| н | Calibrated Handknob with Detent Lock | | | | | | | | |
| к | Handknob | | | | | | | | |
| Y | Tri-Grip Handknob | | | | | | | | |
| PRIMARY | PRIMARY CARTRIDGE | | | | | | | (E | |

В B (with FDCB primary cartridge, Fully adjustable pressure compensated flow control valve with reverse flow check)

INCLUDED COMPONENTS

| Part | Description | Quantity |
|--------------|---------------------|----------|
| 500-001-014* | O-Ring | 5 |
| 700-001* | Seal Plate | 1 |
| CKEHVCN | Cartridge | 1 |
| FDCBLAN | Cartridge - Primary | 1 |

TECHNICAL FEATURES

- The sharp-edged orifice design minimizes flow variations due to viscosity changes.
- A balanced adjustment mechanism allows for easy adjustment even at high pressures.