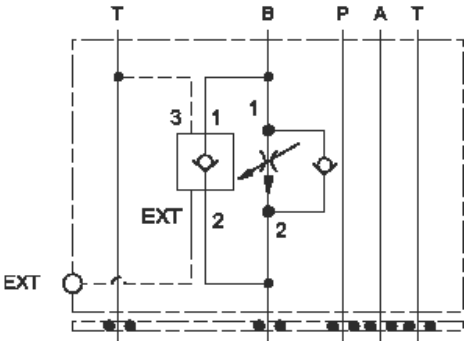
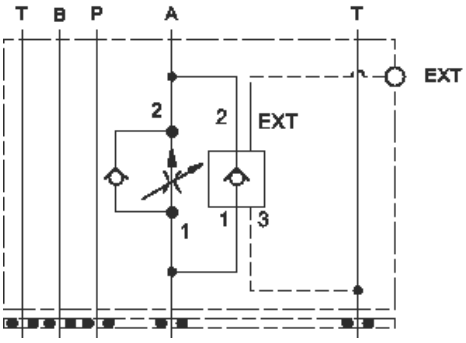
MODEL
YFEU

Rapid advance and feed flow control assembly
CAPACITY: 30 gpm

sunhydraulics.com/model/YFEU



Meter in B



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 SAE -4 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: YFEULANBA

CONTROL		(L)
L	Standard Screw Adjustment	
C	Tamper Resistant - Factory Set	
H	Calibrated Handknob with Detent Lock	
K	Handknob	
Y	Tri-Grip Handknob	

ADJUSTMENT RANGE		(A)
A	.2 - 12 gpm (0,8 - 45 L/min.)	
B	.2 - 3 gpm (0,8 - 11 L/min.)	

SEAL MATERIAL		(N)
N	Buna-N	
V	Viton	

PRIMARY CARTRIDGE		(B)
B	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
CKEHSCN	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.