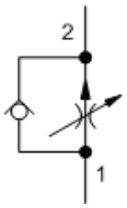
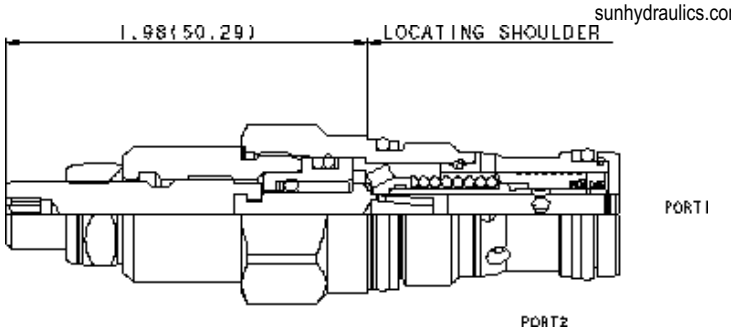
MODEL
FDBA

Fully adjustable pressure compensated flow control valve with reverse flow check

SERIES 1 / CAPACITY: 6 gpm / CAVITY: T-13A

sunhydraulics.com/model/FDBA





CONFIGURATION

L	Control	Standard Screw Adjustment
A	Adjustment Range	.1 - 6 gpm (0,4 - 23 L/min.)
N	Seal Material	Buna-N
(none)	Material/Coating	Standard Material/Coating

Fully adjustable, pressure-compensated flow controls with reverse-flow check provide precise flow regulation for meter-in or meter-out applications where there may be wide pressure fluctuations. They are infinitely adjustable from nearly closed up to the maximum flow. An integral high-capacity check valve provides unrestricted flow from port 2 to port 1.

TECHNICAL DATA

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

Maximum Operating Pressure	5000 psi
Adjustment - No. of CCW Turns from Fully Closed to Fully Open	5
Locknut Hex Size	9/16 in.
Locknut Torque	80 - 90 lbf in.
Seal kit - Cartridge	Buna: 990010007
Seal kit - Cartridge	EPDM: 990010014
Seal kit - Cartridge	Polyurethane: 990010002
Seal kit - Cartridge	Viton: 990010006

NOTES

For Series 1 cartridges configured with an O control (panel mount handknob), a .75 in. (19 mm) diameter hole is required in the panel.

CONFIGURATION OPTIONS

Model Code Example: FDBALAN

CONTROL (L)

- **L** Standard Screw Adjustment
- **H** Calibrated Handknob with Detent Lock
- **K** Handknob
- **Y** Tri-Grip Handknob

ADJUSTMENT RANGE (A)

- **A** .1 - 6 gpm (0,4 - 23 L/min.)
- **B** .1 - 2 gpm (0,4 - 8 L/min.)

SEAL MATERIAL (N)

- **N** Buna-N
- **E** EPDM
- **V** Viton

MATERIAL/COATING

- Standard Material/Coating
- **/AP** Stainless Steel, Passivated
- **/LH** Mild Steel, Zinc-Nickel

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