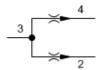


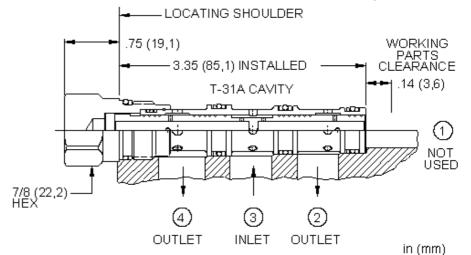
# High accuracy flow divider valve

### SERIES 1 / CAPACITY: 2,5 - 12 L/min. / CAVITY: T-31A



sunhydraulics.com/model/FSBD





Flow dividers are sliding-spool, pressure-compensated devices used to split oil flow to two different branches of a circuit in a designated ratio. These valves are suitable for applications that use the following: unidirectional hydraulic motors, hydraulic cylinders where flow division in one direction only is required, and multiple circuits that are serviced from one pump supply.

#### **TECHNICAL DATA**

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

Maximum Operating Pressure	350 bar
Divisional Accuracy at Minimum Input Flow	±4.5%
Divisional Accuracy at Max Input Flow	±2.5%
Pressure Drop at Minimum Rated Input Flow	2 bar
Pressure Drop at Maximum Rated Input Flow	18 bar
Rated Input Flow with 50/50 Split	2,5 - 12 L/min.
Rated Input Flow with 40/60 Split	2,8 - 9,5 L/min.
Rated Input Flow with 33/67 Split	1,7 - 8,5 L/min.
Seal kit - Cartridge	Buna: 990031007
Seal kit - Cartridge	Polyurethane: 990031002
Seal kit - Cartridge	Viton: 990031006

## **CONFIGURATION OPTIONS**

# Model Code Example: FSBDXAN

CONTROL	(X) FLOW SPLIT	(A) SEAL WATERIAL	(N) WATERIAL/COATING
X Not Adjustable	<b>A</b> 50/50	N Buna-N	Standard Material/Coating
	<b>B</b> 40/60	<b>V</b> Viton	/AP Stainless Steel, Passivated
	<b>C</b> 33/67		

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