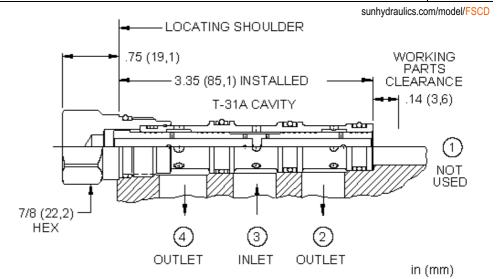


## Flow divider valve

## SERIES 1 / CAPACITY: 6 - 30 L/min. / CAVITY: T-31A



3 2



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	±6.5%
Divisional Accuracy at Max Input Flow	±3.5%
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	6 - 30 L/min.
Rated Input Flow with 40/60 Split	5,3 - 26,5 L/min.
Rated Input Flow with 33/67 Split	4,5 - 22,7 L/min.
Seal kit - Cartridge	Buna: 990031007
Seal kit - Cartridge	Polyurethane: 990031002
Seal kit - Cartridge	Viton: 990031006

# **CONFIGURATION OPTIONS**

# Model Code Example: FSCDXAN

CONTROL	(X) FLOW SPLII	(A) SEAL MATERIAL	(N)	MATERIAL/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			/LH Mild Steel, Zinc-Nickel	

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