



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

cavidad	T-31A
Series	1
Capacity	6 - 30 L/min.
Maximum Operating Pressure	350 bar
Divisional Accuracy at Max Input Flow	±3.5%
Divisional Accuracy at Minimum Input Flow	±6.5%
Pressure Drop at Maximum Rated Input Flow	18 bar
Pressure Drop at Minimum Rated Input Flow	2 bar
Rated Input Flow with 33/67 Split	4,5 - 22,7 L/min.
Rated Input Flow with 40/60 Split	5,3 - 26,5 L/min.
Rated Input Flow with 50/50 Split	6 - 30 L/min.
Valve Hex Size	22,2 mm
Valve Installation Torque	41 - 47 Nm
Model Weight	0.15 kg.
Seal kit - Cartridge	Buna: 990-031-007
Seal kit - Cartridge	Polyurethane: 990-031-002
Seal kit - Cartridge	Viton: 990-031-006
Seal kit - Cartridge	Buna: 990-031-007
Seal kit - Cartridge	Polyurethane: 990-031-002
Seal kit - Cartridge	Viton: 990-031-006

OPTION SELECTION EXAMPLE: FSCDXAN

CONTROL	(X) FLOW SPLIT	(A) SEAL MATERIAL	(N) MATERIAL/COATING
X Not Adjustable	A 50/50	N Buna-N	Standard Material/Coating
	B 40/60	V Viton	/AP Stainless Steel, Passivated
	C 33/67		/LH Mild Steel, Zinc-Nickel

PERFORMANCE CURVES

Split	Input Flow		Rated Accuracy	Maximum Possible Flow Variations	
				High Flow Leg	Low Flow Leg
50:50	Max Rated	8 gpm 30 L/min	±3.5%	3.72 - 4.28 gpm 14.1 - 15.9 L/min	
	Min rated	1.5 gpm 6 L/min		.65 - .85 gpm 2.5 - 3.5 L/min	
40:60	Max Rated	7 gpm 26.5 L/min	±3.5%	4.0 - 4.4 gpm 15.0 - 16.8 L/min	2.6 - 3.0 gpm 9.7 - 11.6 L/min
	Min rated	1.4 gpm 5.3 L/min		.81 - .87 gpm 2.8 - 3.5 L/min	.53 - .59 gpm 1.8 - 2.5 L/min
33:67	Max Rated	6 gpm 22.7 L/min	±3.5%	3.8 - 4.2 gpm 14.4 - 16 L/min	1.8 - 2.2 gpm 6.7 - 8.3 L/min
	Min rated	1.2 gpm 4.5 L/min		.72 - .88 gpm 2.7 - 3.3 L/min	.32 - .50 gpm 1.2 - 1.8 L/min

The maximum variation is at 5000 psi (350 bar) differential between legs with the high pressure leg being the higher flow.