



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

cavidad	T-33A
Series	3
Capacity	23 - 120 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	17 - 85 L/min.
Rated Input Flow with 40/60 Split	19 - 95 L/min.
Rated Input Flow with 50/50 Split	23 - 120 L/min.
Valve Hex Size	31,8 mm
Valve Installation Torque	203 - 217 Nm
Model Weight	0.61 kg.
Seal kit - Cartridge	Buna: 990-033-007
Seal kit - Cartridge	Polyurethane: 990-033-002
Seal kit - Cartridge	Viton: 990-033-006

OPTION SELECTION EXAMPLE: FSEDXAN

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		E EPDM		/AP Stainless Steel, Passivated
		C 33/67		V Viton		
		D 25/75				

PERFORMANCE CURVES

Split	Input Flow		Rated Accuracy	Maximum Possible Flow Variations	
				High Flow Leg	Low Flow Leg
50:50	Max Rated	30 gpm	±3.5%	14 - 16 gpm	
		120 L/min		56 - 64 L/min	
	Min rated	6 gpm	±6.5%	2.6 - 3.4 gpm	
		23 L/min		10 - 13 L/min	
40:60	Max Rated	25 gpm	±3.5%	14.1 - 15.9 gpm	9.1 - 10.9 gpm
		95 L/min		54 - 60 L/min	35 - 41 L/min
	Min rated	5 gpm	±6.5%	2.7 - 3.3 gpm	1.7 - 2.3 gpm
		19 L/min		10.2 - 12.6 L/min	6.4 - 8.8 L/min
33:67	Max Rated	22 gpm	±3.5%	14.0 - 15.5 gpm	6.5 - 8.0 gpm
		85 L/min		54 - 60 L/min	25 - 31 L/min
	Min rated	4.4 gpm	±6.5%	2.7 - 3.3 gpm	1.1 - 1.7 gpm
		17 L/min		10.3 - 12.6 L/min	4.5 - 6.7 L/min

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