



Synchronizing flow divider/combiners are sliding-spool, pressure-compensated devices used to split flow in one direction and combine flow in the opposite direction. With a synchronizing feature, these valves can be used to allow two hydraulic cylinders to fully stroke and synchronize at the end of the stroke. When the first cylinder has reached the end of its stroke, a pressure-compensated, reduced flow is metered to or from the second cylinder until it also reaches the end of its stroke.

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

Maximum Operating Pressure	5000 psi
Divisional Accuracy at Max Input Flow	50% ±2.5%
Divisional Accuracy at Minimum Input Flow	50% ±4.5%
Pressure Drop at Maximum Rated Input Flow	350 psi
Pressure Drop at Minimum Rated Input Flow	30 psi
Seal kit - Cartridge	Buna: 990-031-007
Seal kit - Cartridge	Polyurethane: 990-031-002
Seal kit - Cartridge	Viton: 990-031-006

CONFIGURATION OPTIONS

Model Code Example: FSCSXAN

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