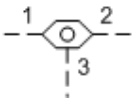
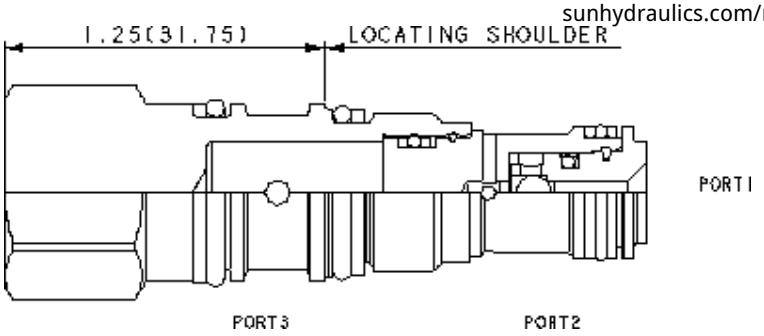
MODEL
CSAX

Single ball shuttle valve with signal at port 3
CAPACITY: 4,7 L/min. / CAVITY: T-163A

sunhydraulics.com/model/CSAX





CONFIGURATION

X	Control	Not Adjustable
X	Adjustment Range	-
N	Seal Material	Buna-N
(none)	Material/Coating	

The single ball shuttle connects the higher of two work ports to the signal or common port. The signal is sensed at port 3.

TECHNICAL DATA

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

Cavity	T-163A
Series	0
Capacity	4,7 L/min.
Maximum Operating Pressure	350 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	0,3 cc/min.
Valve Hex Size	19,1 mm
Valve Installation Torque	27 - 33 Nm
Seal kit - Cartridge	Buna: 990163007
Seal kit - Cartridge	Polyurethane: 990163002
Seal kit - Cartridge	Viton: 990163006
Model Weight	0.08 kg.

CONFIGURATION OPTIONS

Model Code Example: CSAXXXN

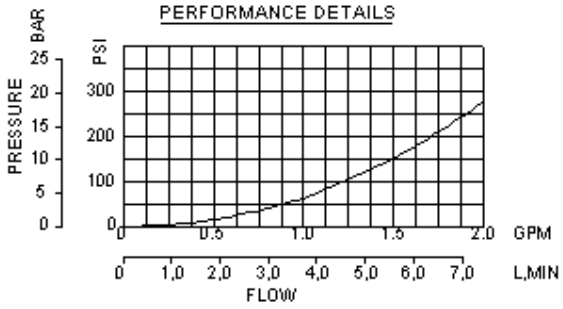
CONTROL (X)	ADJUSTMENT RANGE (X)	SEAL MATERIAL (N)	MATERIAL/COATING
X Not Adjustable	**X** -	**N** Buna-N	Standard Material/Coating
		V Viton	**/AP** Stainless Steel, Passivated
			/LH Mild Steel, Zinc-Nickel

TECHNICAL FEATURES

- Shuttle cartridges feature hardened steel balls and seats for excellent wear characteristics and contamination tolerance.
- The single ball allows for the decay of the pressure signal when both load ports drop to a lower pressure.
- Incorporates the Sun floating style construction to minimize the possibility of internal parts binding due to excessive installation torque and/or cavity/cartridge machining variations.

PERFORMANCE CURVES

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