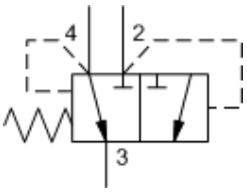
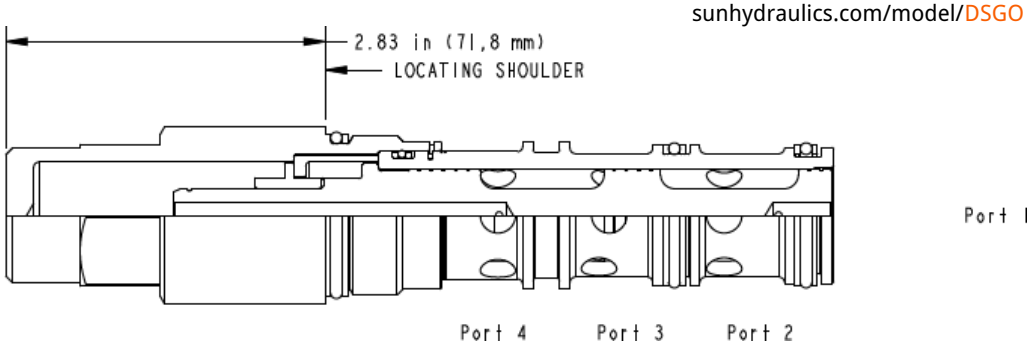
MODEL
DSGO

Spring offset, 2-position, high side shuttle valve
SERIES 3 / CAPACITY: 60 gpm / CAVITY: T-33A

sunhydraulics.com/model/DSGO





CONFIGURATION

X	Control	Not Adjustable
E	Minimum Control Pressure	75 psi (5 bar)
N	Seal Material	Buna-N
(none)	Material/Coating	

Spring-offset, high-side shuttle cartridges are 2-position valves that have a normal (offset) position that connects the common port (port 3) to work port 4, with work port 2 blocked. When the pressure at port 2 rises above the pressure at port 4, the cartridge shifts to connect the common port to port 2 with port 4 then blocked.

TECHNICAL DATA

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

Cavity	T-33A
Series	3
Capacity	60 gpm
Maximum Operating Pressure	5000 psi
Valve Hex Size	1 1/4 in.
Valve Installation Torque	150 - 160 lbf ft
Seal kit - Cartridge	Buna: 990033007
Seal kit - Cartridge	Polyurethane: 990033002
Seal kit - Cartridge	Viton: 990033006
Model Weight	1.98 lb.

CONFIGURATION OPTIONS

Model Code Example: DSGOXEN

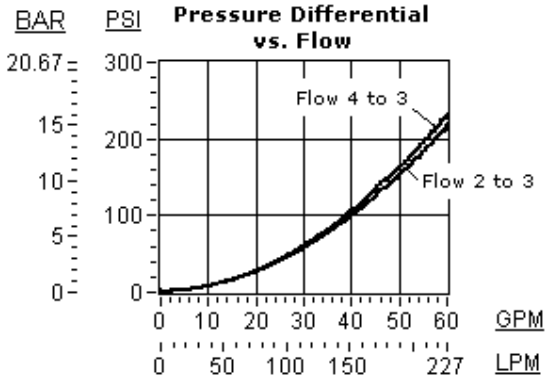
CONTROL (X)	MINIMUM CONTROL PRESSURE (E)	SEAL MATERIAL (N)	MATERIAL/COATING
X Not Adjustable	**E** 75 psi (5 bar)	**N** Buna-N	Standard Material/Coating
	C 30 psi (2 bar)	**V** Viton	**/LH** Mild Steel, Zinc-Nickel

TECHNICAL FEATURES

- Although this valve goes into a 4-port cavity, the nose (port 1) is not used.
- 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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