

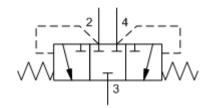
**MODEL DSCS** 

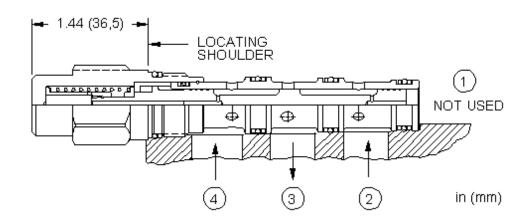
High side, 3-position, shuttle valve

CAPACITY: 15 gpm / CAVITY: T-31A



sunhydraulics.com/model/DSCS





High-side shuttle cartridges are most often used in full-time regeneration circuits. When both work ports (ports 2 and 4) are at equal pressures the valve is spring-centered to an all-ports-blocked position. When one of the work ports (port 2 or 4) sees a higher pressure it is connected to the common port (port 3).

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

Maximum Operating Pressure	5000 psi
Maximum Valve Leakage at 110 SUS (24 cSt)	2 in³/min.@1000 psi
Seal kit - Cartridge	Buna: 990-031-007
Seal kit - Cartridge	Polyurethane: 990-031-002
Seal kit - Cartridge	Viton: 990-031-006

(E)

## **CONFIGURATION OPTIONS**

Model Code Example: DSCSXEGN CONTROL SHIFTING PRESSURE (X)

**SEAL MATERIAL** (N)

Not Adjustable

Ε	75 psi (5 bar)	
С	30 psi (2 bar)	

Buna-N Viton 30 psi (2 bar)

100 psi (7 bar) G 150 psi (10,5 bar)

©2024 Sun Hydraulics 1 of 1