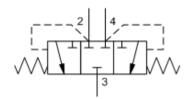


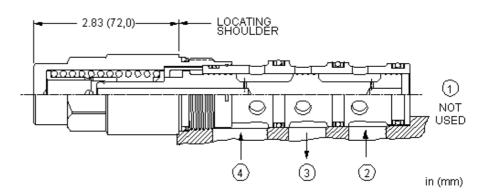
High side, 3-position, shuttle valve

SERIES 3 / CAPACITY: 240 L/min. / CAVITY: T-33A



sunhydraulics.com/model/DSGS





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 | 350 bar |
|---|-------------------------|
| Maximum Valve Leakage at 110 SUS (24 cSt) | 65 cc/min.@70 bar |
| Seal kit - Cartridge | Buna: 990033007 |
| Seal kit - Cartridge | EPDM: 990033014 |
| Seal kit - Cartridge | Polyurethane: 990033002 |
| Seal kit - Cartridge | Viton: 990033006 |

CONFIGURATION OPTIONS

Model Code Example: DSGSXGN

| CONTROL | (X) SHIFTING PRESSURE | (G) SEAL MATERIAL | (N) |
|------------------|-----------------------------|-------------------|-----|
| X Not Adjustable | G 150 psi (10,5 bar) | N Buna-N | |
| | C 30 psi (2 bar) | E EPDM | |
| | E 75 psi (5 bar) | V Viton | |
| | F 100 psi (7 bar) | | |

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