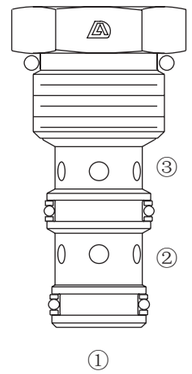
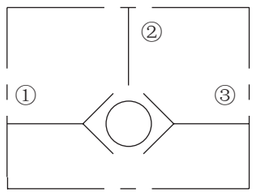
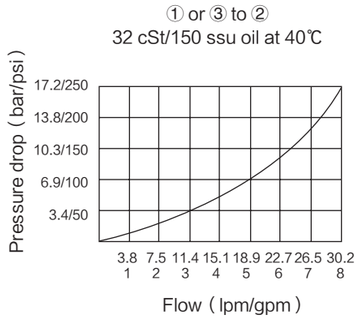
DALS10-30 Load Shuttle, Ball-Type



ISO SYMBOL



PERFORMANCE (Cartridge Only)



DESCRIPTION

A load-shuttling, screw-in, cartridge-style hydraulic check valve, for use in blocking
circuits where a priority of fl ow/direction is given to a higher pressure circuit over a lower one.

OPERATION

The DALS10-30 will allow flow from the higher pressure of ① or ③ port to the ② port.
The valve is commonly used to direct oil from the pressure side of a bidirectional hydraulic motor to a pressure-released hydraulic brake.

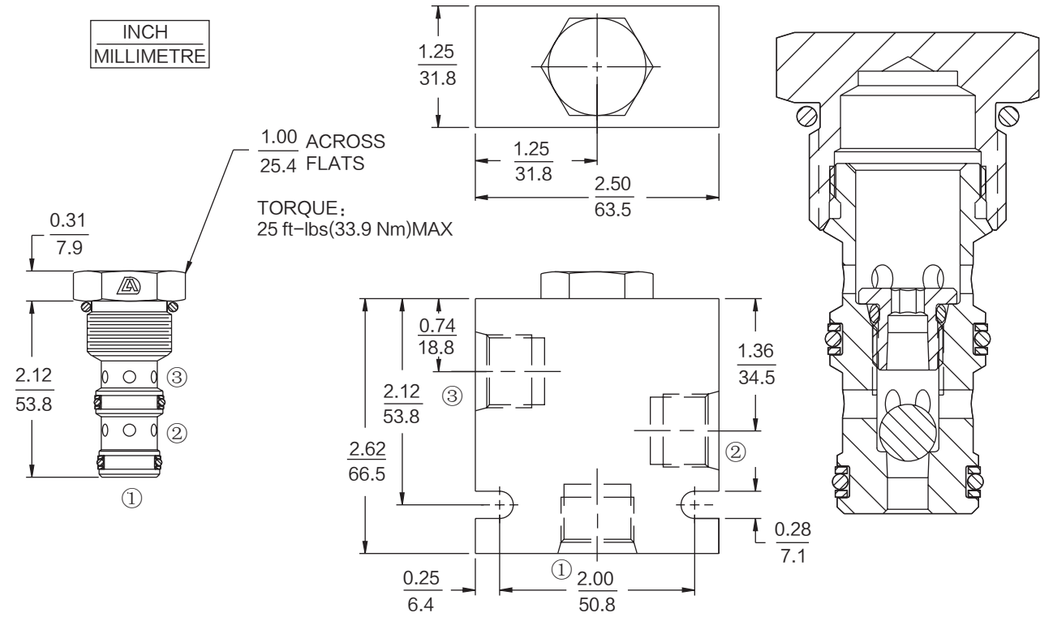
FEATURES

- Rapid response to load direction changes.
- Industry common cavity.

RATINGS

Operating Pressure:240 bar（3500 psi）
Proof Pressure： 390 bar（5700 psi）
Flow: See Performance Chart
Internal Leakage:
0.25 cc/minute (5 drops/minute) max. at 207 bar(3000 psi)
Temperature:-40℃ ~ 120℃（with Buna N seals）
Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 7.4 to 420 cSt (50 to 2000 ssu)
Cavity： T10-3A；See page 297.

DIMENSIONS



ORIFICE DISCS WAY NOT BE USED WITH THIS PRODUCT

MATERIALS

Cartridge: Weight:
0.08 kg（0.17 lbs）；
Steel with Zinc-plated exposed surfaces; Buna N O-rings and back-ups standard.
Standard Ported Body:Weight:
0.36 kg（0.80 lbs）；
Anodized highstrength 6061 T6 aluminum alloy, rated to 207 bar (3000 psi). Ductileiron bodies available; dimensions may differ.

TO ORDER

DALS10-30 _ ___ ___ _ ___

Porting	
Cartridge Only	0
SAE6	6T
SAE8	8T
1/4 in. BSP*	2B
3/8 in. BSP*	3B

Seals	
N	Buna N (Std.)
V	Fluorocarbon