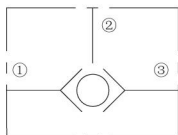
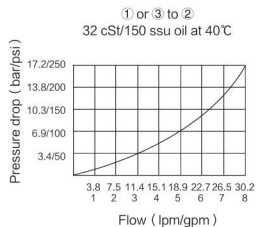


ISO SYMBOL



PERFORMANCE (Cartridge Only)



DESCRIPTION

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

OPERATION

The INLS10-30 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.

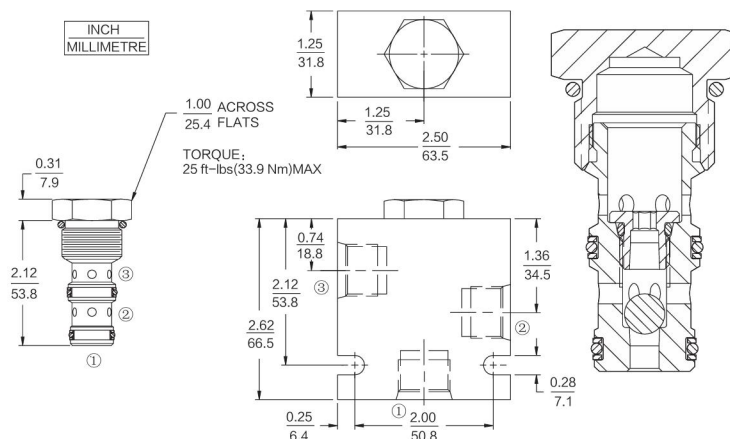
FEATURES

- 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°C ~ 120°C (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 bottom of this catalog.

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).
 Ductile iron bodies available; dimensions may differ.

TO ORDER

INLS10-30 - - -

Porting		Seals	
Cartridge Only	0	N	Buna N (Std.)
	SAE6 6T	V	Fluorocarbon
	SAE8 8T		
	1/4 in. BSP* 2B		
	3/8 in. BSP* 3B		