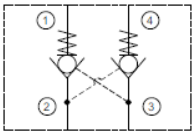
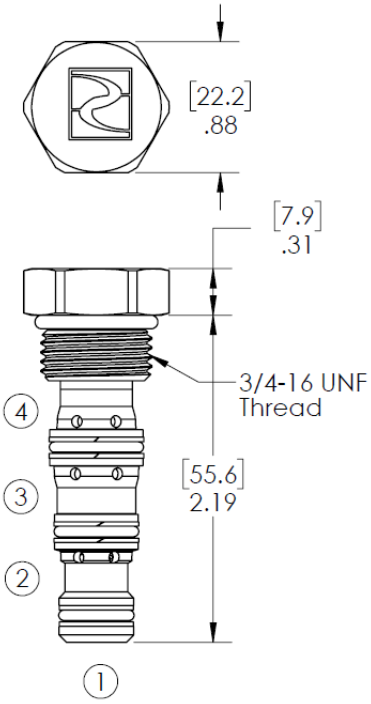
Phone: 320-743-2276
Email: CustomerService@Doering.com
Web: www.doering.com

Dual Pilot Operated Check Valve

Functional Symbol





Description:

A screw-in cartridge, dual pilot operated hydraulic check valve. For use in blocking or load holding circuits .

Operation:

The valve will block flow from port 1 to port 2, and from port 4 to port 3. Flow is allowed in the opposite direction when pressure is applied to port 2 and/or port 3. The valve has a 3:1 pilot ratio.

Features:

- Hardened, precision ground parts for durability.
- Low pressure drop
- Compact size for minimal space requirements.
- Industry standard cavity.

Ratings:

Inlet Rated Flow: 5.0 GPM (19 lpm)

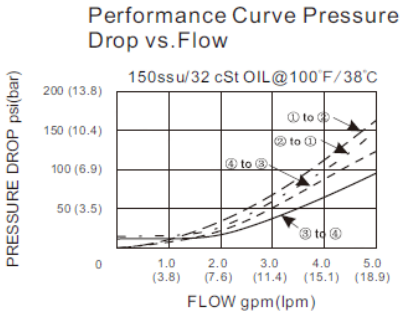
Operating Pressure: 3,500 PSI (241 bar)

Operating Temperature: -30° to 250°f (-22° to 120°c)

Maximum Internal Leakage 0.25 ml/min (5 drops/min).

Fluids: Mineral-based fluids with viscosities of 7.4 to 420 cSt.

Seal Replacement Kits, External:	
SRK-8504N	Buna-N
SRK-8504V	Flurocarbon (Viton)
Note: Alternate materials available, contact Doering.	



Ordering Information:

DPC 8-4 N 25 - CSZ

Model	Cavity	Seal Material	Bias Spring	Material / Coating
DPC	**8-4** 8-4 Cavity	**N** Buna-N **V** Viton **R** EPDM **W** Low Temp Buna-N	**25** 1.7 bar (25 psi) Standard **85** 5.9 bar (85 psi) **135** 9.3 bar (135 psi)	**CSZ** Plated Steel