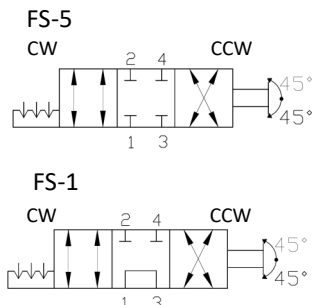


MRE16 4-Way Rotary Directional Control Valve

Functional Symbol



Description:

The 4-Way Rotary Directional Control Cartridge valve is suited for all 4-way hydraulic circuit applications where manual operation is desired.

Operation:

All 3-position options require 45° rotation from center to either offset position. The handle can be adjusted to any position. Install valve to housing and torque to 80-90 ft. lbs in aluminum and 100-110 ft. lbs in steel before installing and orienting handle.

Features:

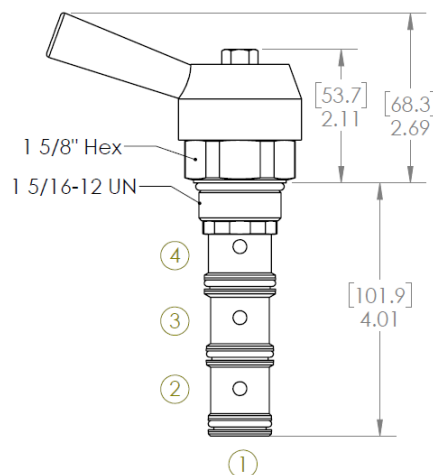
- Several actuator options.
- Detent options.
- Compact size for minimal space requirements.
- Industry standard cavity.

Ratings:

Nominal Rated Flow: 12 GPM (45 lpm)

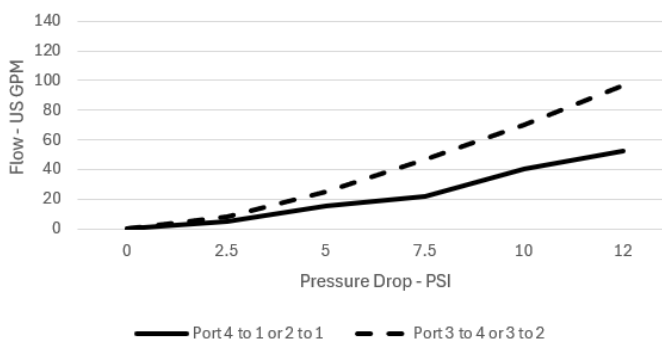
Operating Pressure: 5,000 PSI (350 bar)

Operating Temperature: -31 to 250°F (-35 to 121°C)



Seal Replacement Kits, External:	
SRK-16-4N	Buna-N
SRK-16-4V	Fluorocarbon (Viton)
Note: Alternate materials available, contact Doering.	

Pressure Drop Curves



Ordering Information:

MRE	16	-	1	N						
Model	Control		Spool Function		Control	Seal Material	Material/Coating			
MRE	16	16-4 Cavity	0	FS-0	Blank	Standard Handle	N	Buna-N	Blank	Plated Steel
			1	FS-1	K	Hand Knob	V	Viton	SS	Stainless Steel
			2	FS-2	H	Hand Ball	E	EPDM	SS316	316 SST
			3	FS-3			W	Low Temp Buna-N		
			4	FS-4						
			5	FS-5						
			6	Float Spool, 3 Position, Detent						
			7	FS-7						