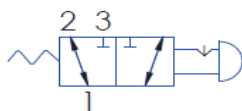


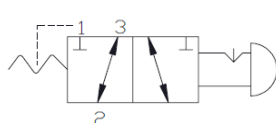
## 3-Way Manual Directional Control Hydraulic Cartridge Valve

### Functional Symbol

FS-0



FS-2



### Description:

The 3-Way, 2-Position Manual Detented Directional Control Cartridge valve is suited for all 3-way hydraulic circuit applications where manual operation is desired.

### Operation:

All 2-position options require detent option.

### Features:

- Several actuator options.
- Detented
- Compact size for minimal space requirements.
- Industry standard C10-3 cavity.

### Ratings:

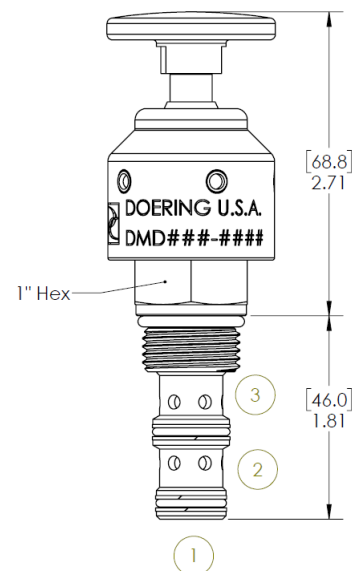
Nominal Rated Flow: 6 GPM (22.7 lpm)

Operating Pressure: 5,000 PSI (345 bar) all ports.

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

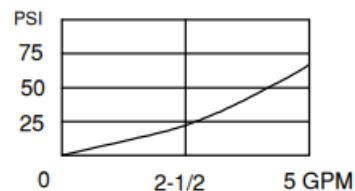
Leak Rate: Less than 82cc (5 in<sup>3</sup>) per minute

Approx. Weight: .5 lbs. (0.23 kg)



| Seal Replacement Kits, External:                      |                      |
|---|----------------------|
| SRK-10-3N   | Buna-N               |
| SRK-10-3V   | Fluorocarbon (Viton) |
| Note: Alternate materials available, contact Doering. |                      |

### PRESSURE DROP / FLOW



### Ordering Information:

|       |        |               |      |         |                    |                  |                 |                    |
|-------|--------|---------------|------|---------|--------------------|------------------|-----------------|--------------------|
| DMDA  | 10 - 3 | 0             | R    | N       |                    |                  |                 |                    |
| Model | Cavity | Spool Fuction |      | Control | Seal Material      | Material/Coating |                 |                    |
| DMDA  | 10 3   | 0             | FS-0 | K       | Hand Knob          | N                | Buna-N          | Blank Plated Steel |
|       |        | 1             | FS-1 | R       | Hand Knob, Red     | V                | Viton           | SS Stainless Steel |
|       |        | 2             | FS-2 | S       | Hand Knob, SST     | E                | EPDM            | SS316 316 SST      |
|       |        | 4             | FS-4 | S316    | Hand Knob, 316 SST | W                | Low Temp Buna-N |                    |
|       |        | 5             | FS-5 |         |                    |                  |                 |                    |
|       |        | 6             | FS-6 |         |                    |                  |                 |                    |
|       |        | 7             | FS-7 |         |                    |                  |                 |                    |