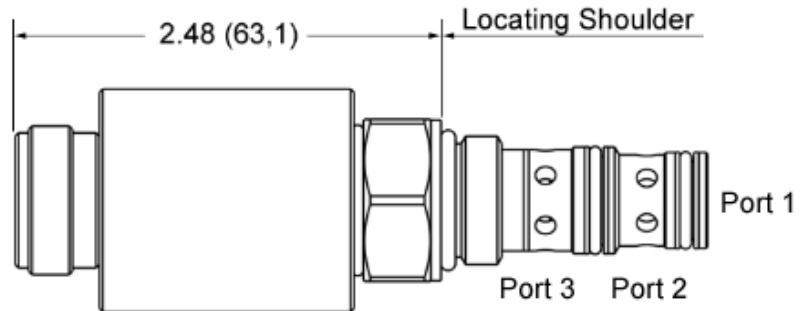
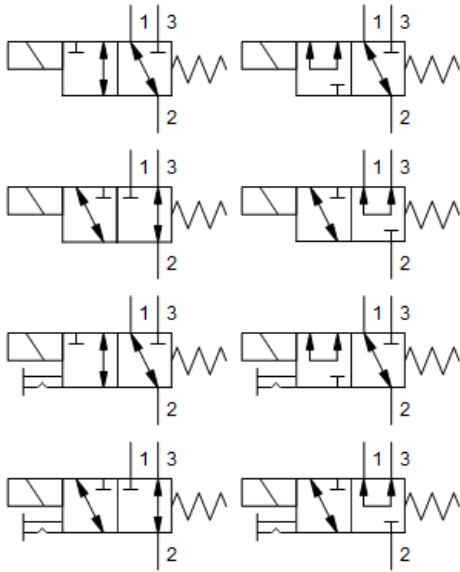




* An additional 2.00 (50,8) clearance needed for coil installation and removal

* Coil code is appended to the cartridge base model code. See CONFIGURATION section.

in (mm)

This solenoid-operated 3-way, 2-position cartridge is a direct-acting, balanced spool directional valve.

TECHNICAL DATA

NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

Cavity	SC-08-03
Series	0C
Capacity	15 L/min.
Maximum Operating Pressure	250 bar
Typical Valve Leakage at 110 SUS (24cSt)	80,2 cc/min.@250 bar
Response Time - Typical	50 ms
Solenoid Tube Diameter	.51 in.
Valve Hex Size	24 mm
Coil Nut Torque	4,8 - 5,3 Nm
Valve Installation Torque	28 - 31 Nm
Model Weight	0.19 kg.

CONFIGURATION OPTIONS

Model Code Example: DMTAXAN

CONTROL	(X) SPOOL CONFIGURATION	(A) SEAL MATERIAL	(N) COIL *
X No Manual Override	A Normally Open 1 to 2, Closed 1 to 3	N Buna-N	No coil
L Manual Override (Push with Detent)	H Normally Open 1 to 2, Closed 1 to 3		
	N Normally Open 2 to 3, Closed 1 to 2		
	P Normally Open 1 to 3, Closed 1 to 2		

* Additional coil options are available

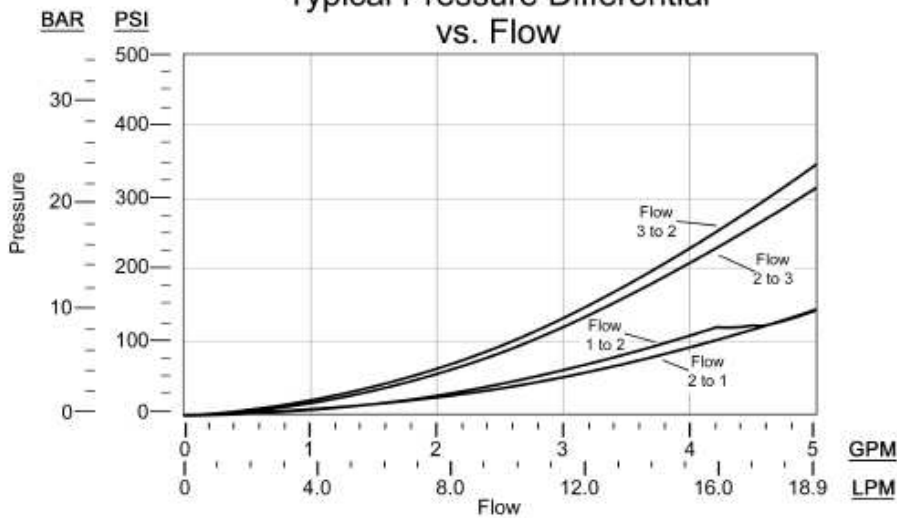
TECHNICAL FEATURES

- Flow capacity may vary per spool type and inlet port. Refer to the performance limits for more information.
- This valve is direct actuated and requires no minimum hydraulic pressure for operation.
- The solenoid tube assembly is fatigue rated for 3600 psi (250 bar) service.
- This valve is available with a manual push-type override option.
- The metal coil nut is a functional feature of the valve and should be correctly installed for proper performance of the valve.
- All ports are rated to a maximum operating pressure of 3600 psi (250 bar).
- Coil connector options offer ratings up to IP67. See individual coil product pages for details.
- The cartridge installation torque of 22 lbf ft (30 Nm) is required for best performance.
- Coils can be mounted on the tube in either direction.

PERFORMANCE CURVES

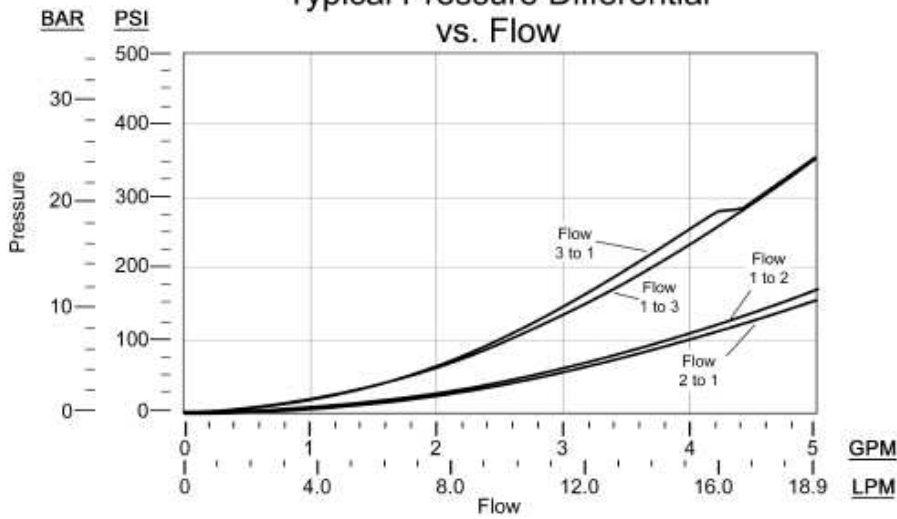
DMTA-*A*

Typical Pressure Differential
vs. Flow



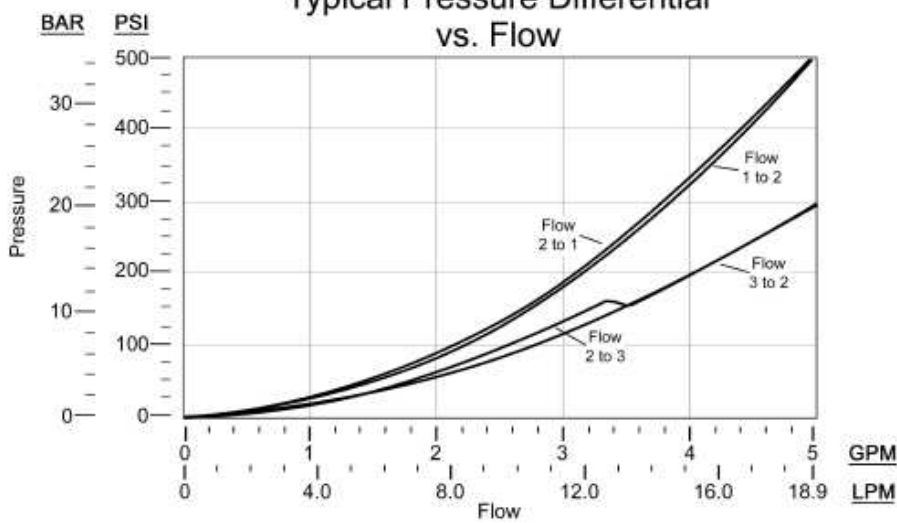
DMTA-*H*

Typical Pressure Differential
vs. Flow



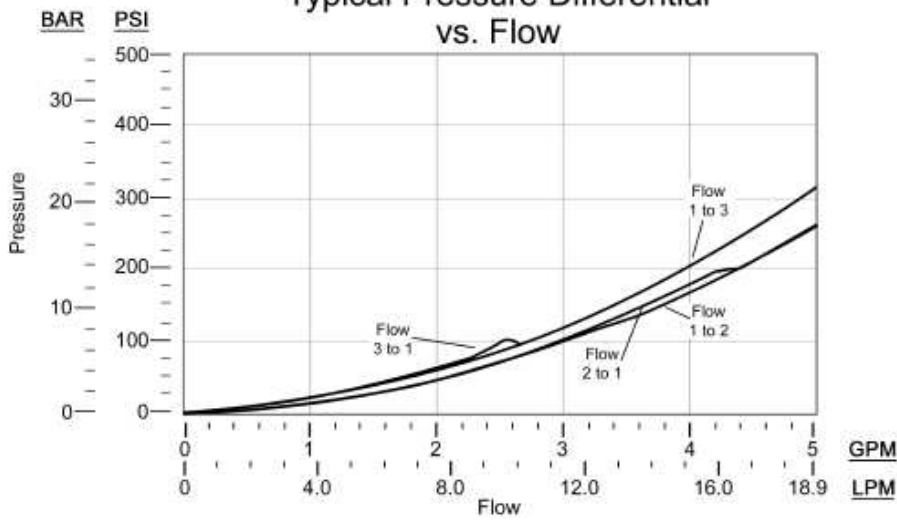
DMTA-*N*

Typical Pressure Differential
vs. Flow



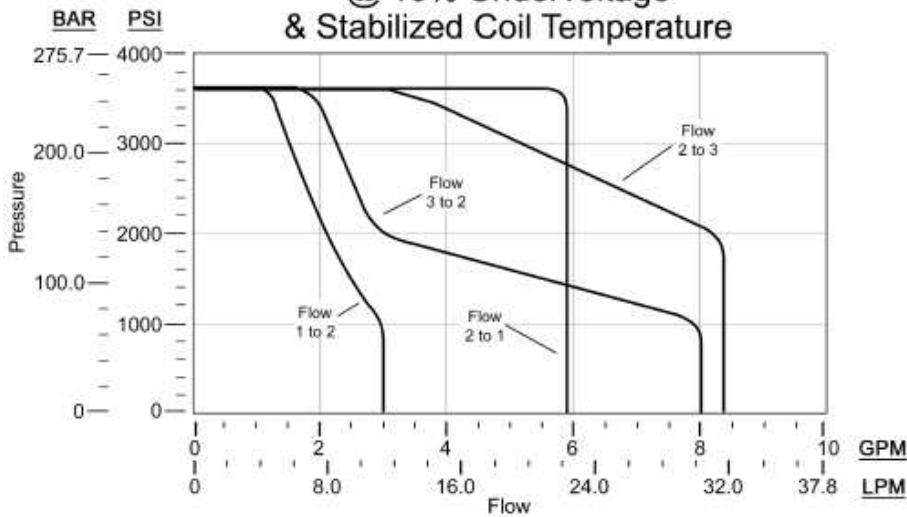
DMTA-*P*

Typical Pressure Differential vs. Flow



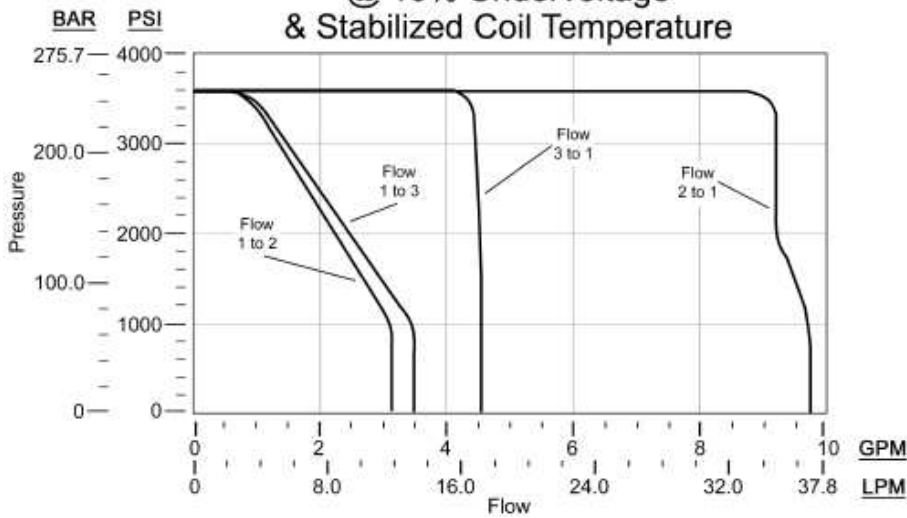
DMTA-*A*

Valve Performance Limits @ 10% Undervoltage & Stabilized Coil Temperature



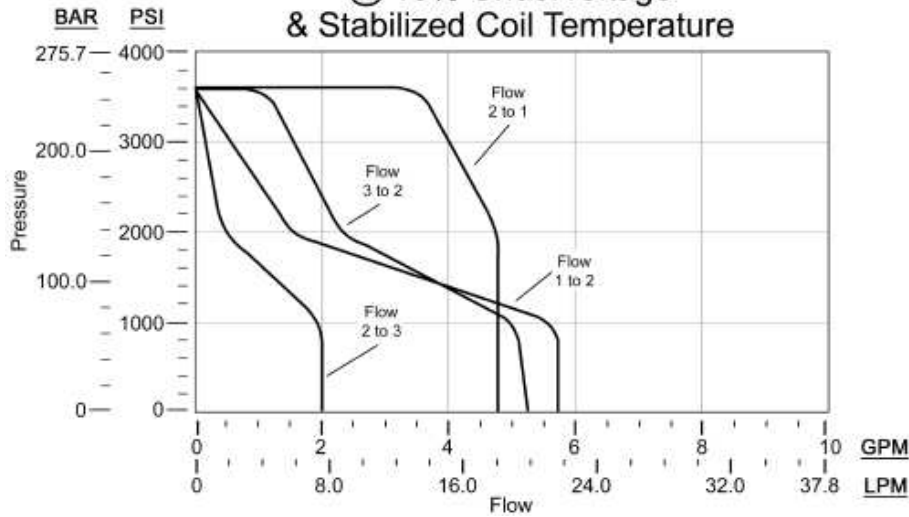
DMTA-*H*

Valve Performance Limits @ 10% Undervoltage & Stabilized Coil Temperature



DMTA-*N*

Valve Performance Limits
@ 10% Undervoltage
& Stabilized Coil Temperature



DMTA-*P*

Valve Performance Limits
@ 10% Undervoltage
& Stabilized Coil Temperature

