



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

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

Cavity	SC-08-02
Series	0C
Capacity	6 gpm
Maximum Operating Pressure	3600 psi
Maximum Valve Leakage at 110 SUS (24 cSt)	15 drops/min.@3600 psi
Response Time - Typical	50 ms
Switching Frequency	15,000 max. cycles/hr
Solenoid Tube Diameter	.51 in.
Coil Nut Torque	3.5 - 3.9 lbf ft
Valve Hex Size	7/8 in.
Valve Installation Torque	21 - 23 lbf ft
Model Weight	0.00 lb.
Seal kit - Cartridge	Buna: 99C-083-007
Seal kit - Cartridge	Viton: 99C-083-006

OPTION SELECTION EXAMPLE: DTTAXCN

CONTROL	(X)	SPOOL CONFIGURATION	(C)	SEAL MATERIAL	(N)	COIL
X No Manual Override		C Normally Closed		N Buna-N		No coil
L Manual Override (Push with Detent)						

TECHNICAL FEATURES

- 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.
- The cartridge installation torque of 22 lbf ft (30 Nm) should be respected for best performance.
- All ports are rated to a maximum operating pressure of 3600 psi (250 bar).
- The valve is available with a manual push-type, with detent, override option (L control). This option is also fatigue rated for 5000 psi (350 bar).
- Coil connector options offer ratings up to IP67. See individual coil product pages for details.
- The metal coil nut is a functional feature of the valve and should be correctly installed for proper performance of the valve.
- Coils can be mounted on the tube in either direction.

PERFORMANCE CURVES

