

HYSV08-C28 (2/2 Solenoid Valve, Non-return Type)

Description

A solenoid operated, 2-way, 2-position, normally closed, poppet-type bi-directional cartridge valve.

Operation

When de-energized, the valve blocks flow in both directions. When energized, the poppet shifts to allow flow in both directions.

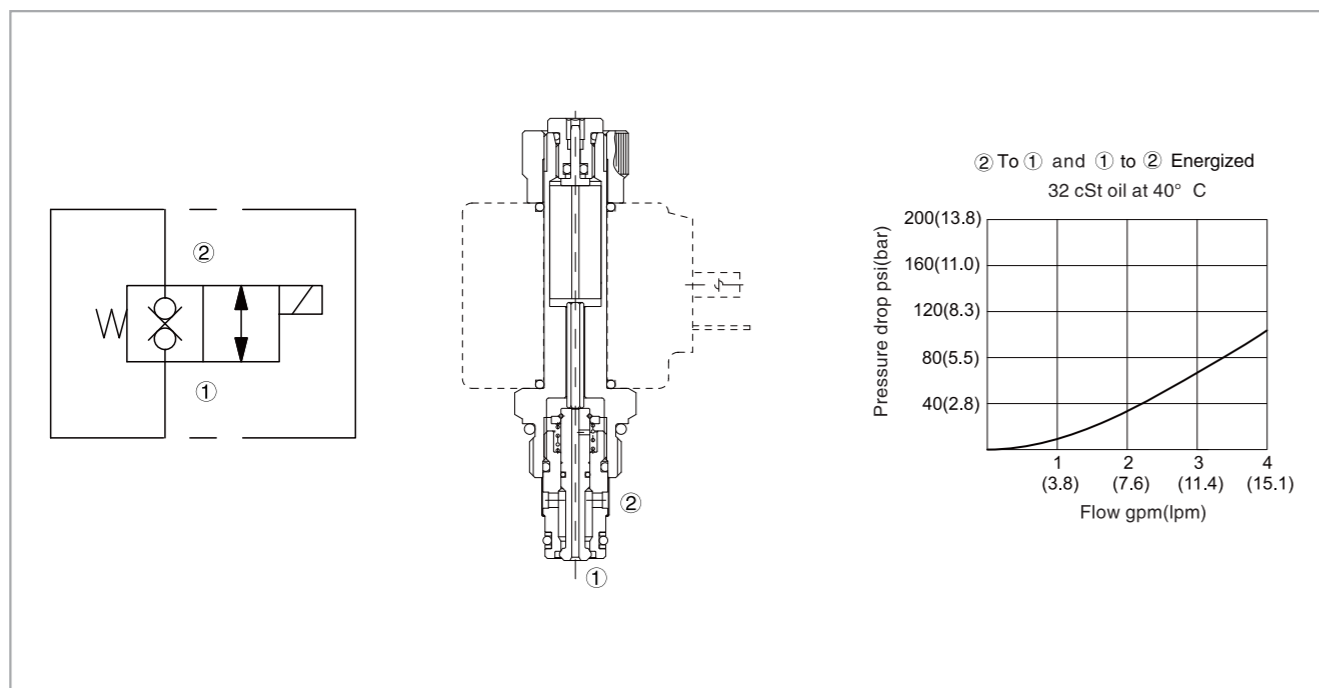
Operation of manual override option

To override, push button in to activate. To return to normal valve function, release button.

Specifications

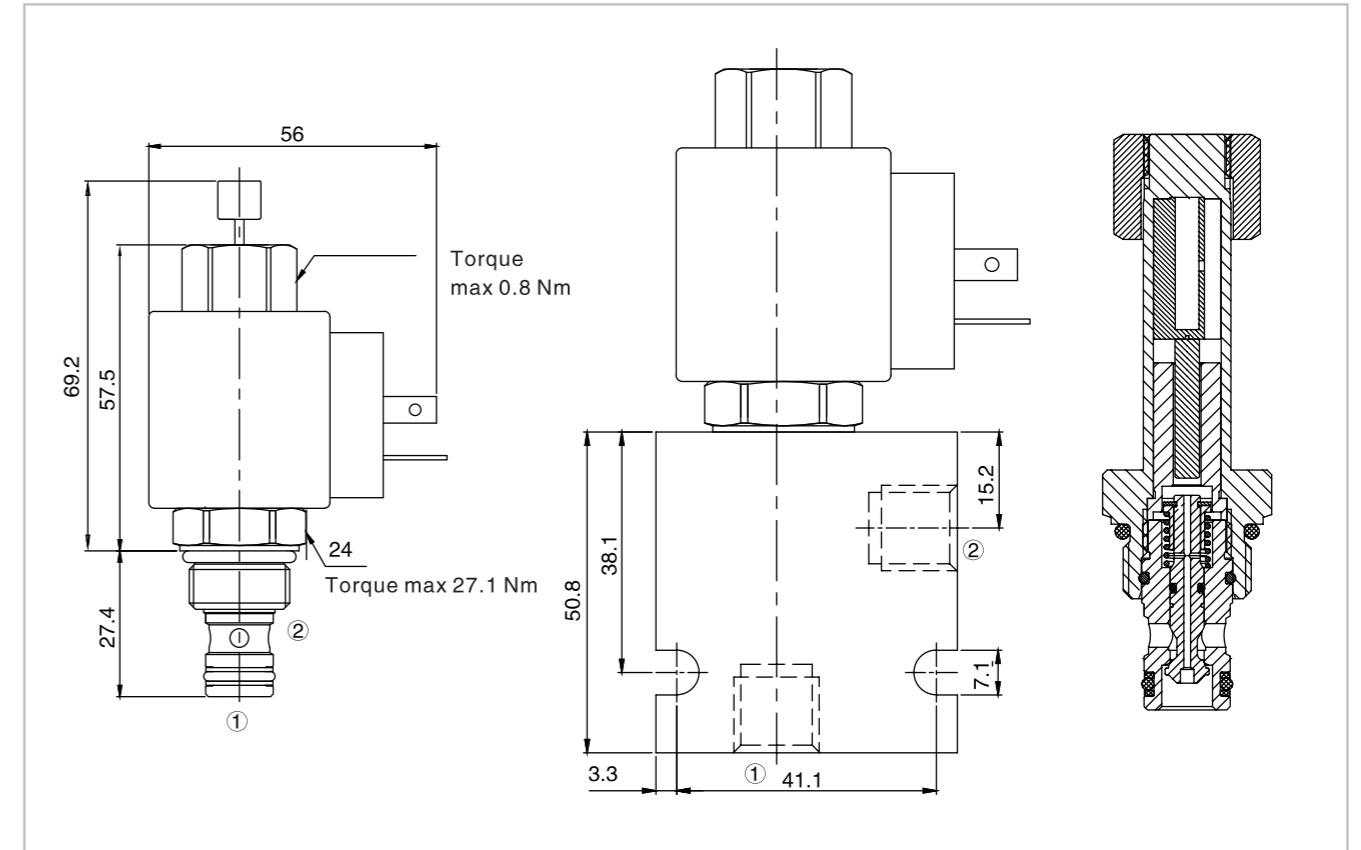
Max. operating pressure:	250 Bar
Flow:	See pressure drop vs. flow graph
Internal leakage:	5 Drops/min. max. at 250 bar
Temperature:	(-40°C To +120°C) with NBR material seals
Coil duty rating:	Continuous from 85% to 115% of nominal voltage
Fluids:	Mineral-based fluids with viscosities of 7.4 to 420 cSt.
Cavity:	HY08-2, see page H.1.2
Body material:	6061-T6 Aluminum alloy rated to 207 bar, steel & ductile iron rated to 350 bar

Code symbol , profile and pressure drop vs. flow



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External dimensions



Material science and order model

Cartridge: weight: 0.18 kg (0.40 lb); Steel, the working face is duratected Surface zinc-plated; NBR material sealing and check ring (standard).

Block: weight: 0.16 kg (0.35 lb); High-strength performance aluminum alloy with anodic oxidation; #6061 T6; Rated pressure up to 207 bar (3000 psi); Also available with ductile cast iron and steel material; Size might be different, please consult factory.

Standard coil: weight: 0.11 kg (0.25 lb); Heat-wrapping pack, Class H heat-resistant enamelled wire;

E type coil: weight: 0.41 kg (0.90 lb); Soid metallic shell encapsulated; IP 69K rated, integrated connector.

HYSV08-C28		Option		Voltage std. coil		Termination std. coil (VDC)	
	None (Blank)			0	Less coil**	DS	Dual spades
	Manual override P			10	10 VDC †	DG	DIN 43650
	Manual override K			12	12 VDC	DL	Leadwire (2)
				24	24 VDC	DL/W	Leadwire, lead w/weatherpak® connectors
				36	36 VDC	DR	Deutsch DT04-2P
				48	48 VDC		Termination std. coli (VAC)
				24	24 VAC	AG	DIN 43650
				115	115 VAC	AP	1/2 inch conduit
				230	230 VAC		
				** Includes std. coil nut		E type coil termination (VDC)	
				† DS, DW or DL terminations only			
				E type coil			
				10	10 VDC	ER	Deutsch DT04-2P (IP69K rated)
				12	12 VDC	EY	Metri-Pack® 150 (IP69K rated)
				20	20 VDC	Coils with internal diode are available, please consult factory.	
				24	24 VDC		