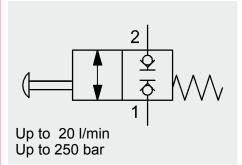
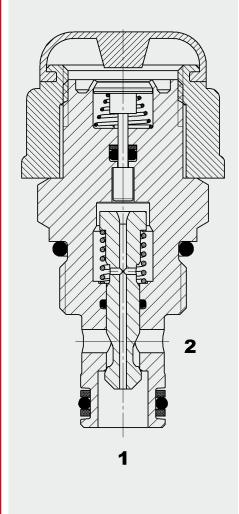
DAC INTERNATIONAL



2/2 Directional Poppet Valve UNE Manually Operated Normally Closed SAE-08 Cartridge – 250 bar WS08W...M

FUNCTION



FEATURES

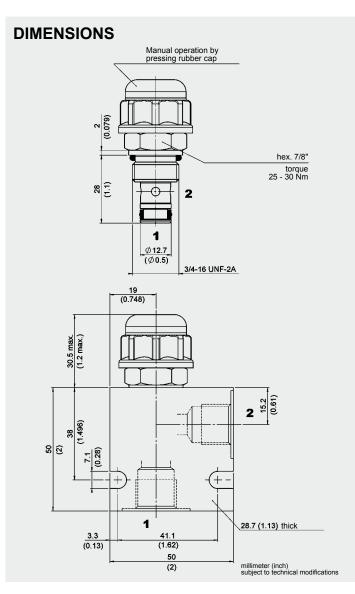
- For use in systems to be controlled manually
- External surfaces zinc-plated and corrosion-proof
- Hardened and ground internal valve components to ensure minimal wear and extended service life
- Low pressure drop due to CFD optimized flow path

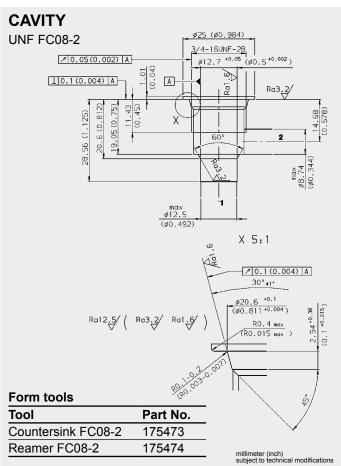
SPECIFICATIONS

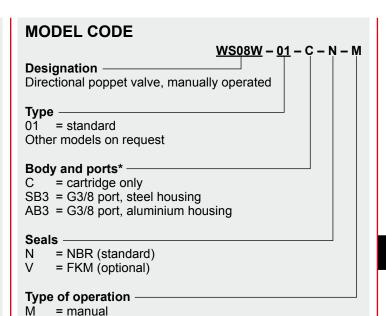
Operating pressure:	max. 250 bar		
Nominal flow:	max. 20 l/min		
Operating force:	Thumb pressure (approx. 40 - 70 N)		
Internal leakage:	Leakage-free		
	(max. 5 drops = 0,25 cm³/min at 350 bar)		
Media operating temperature range:	min20 °C to max. +100 °C		
Ambient temperature range:	min20 °C to max. +100 °C		
Operating fluid:	Hydraulic oil to DIN 51524 Part 1 and 2		
Viscosity range:	min. 7.4 mm²/s to max. 420 mm²/s		
Filtration:	Class 21/19/16 according to ISO 4406 or		
	cleaner		
MTTF _d :	150 years (see "Conditions and		
	instructions for valves" in brochure 5.300)		
Installation:	No orientation restrictions		
Materials:	Valve body:	high tensile steel	
	Poppet:	hardened and	
		ground steel	
	Seals:	NBR (standard)	
		FKM (optional, media	
		temperature range	
		-20 °C to +120 °C)	
	Back-up rings:	PTFE	
Cavity:	FC08-2		
Weight:	0.09 kg		

The directional valve WS08W...M is a normally closed, manually operated poppet valve.

The valve is operated manually and, as long as the mechanical plunger is pressed, allows flow between port 1 and port 2 in both directions.







Standard models

Model code	Part No.
WS08WM-01-C-N	3054918

*Standard in-line bodies

Code	Part No.	Material	Ports	Pressure
FH082-AB3	3011423	Aluminium, clear anodized	G3/8	210 bar
FH082-SB3	560919	Steel, zinc-plated	G3/8	420 bar

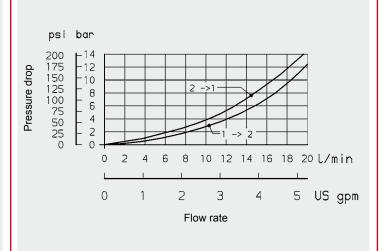
Other line bodies on request

Seal kits

Code	Material	Part No.
FS082-N SEAL KIT	NBR	3033920
FS082-V SEAL KIT	FKM	3051756

PERFORMANCE

Measured at $v = 34 \text{ mm}^2/\text{s}$, $T_{oil} = 46 ^{\circ}\text{C}$



Note
The information in this brochure relates to the operating conditions and applications described. For applications or operating conditions not described, please contact the relevant technical department.

Subject to technical modifications.

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