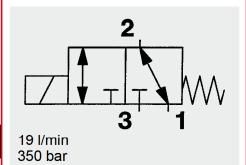
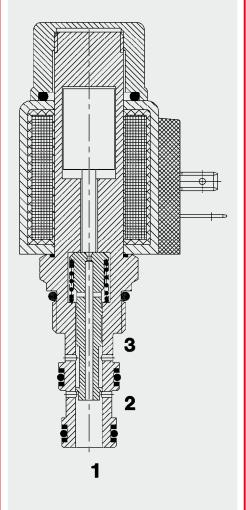


DAG INTERNATIONAL



3/2 Solenoid Directional Valve UNF Spool Type - Direct-Acting SAE08 Cartridge - 350 bar WK08C-01

FUNCTION



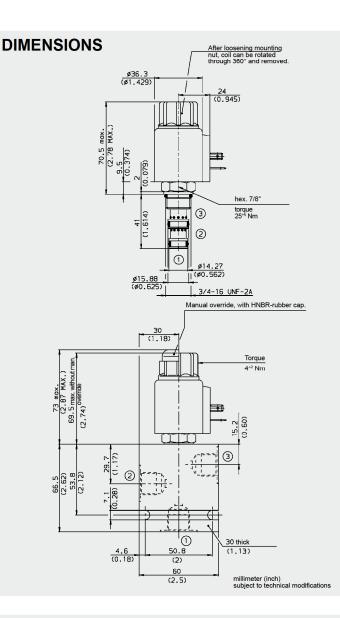
When de-energized, the valve allows flow from port 1 to 2 or from port 2 to 1, while blocking flow at port 3. When energized, the valve allows flow from port 3 to 2 or from port 2 to 3, while blocking flow at port 1.

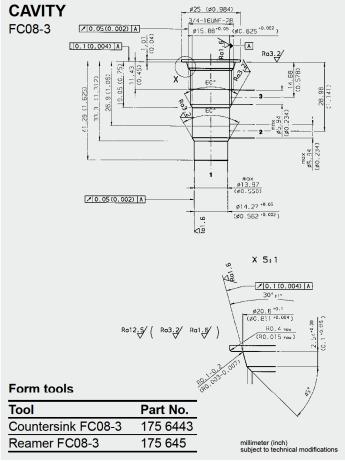
FEATURES

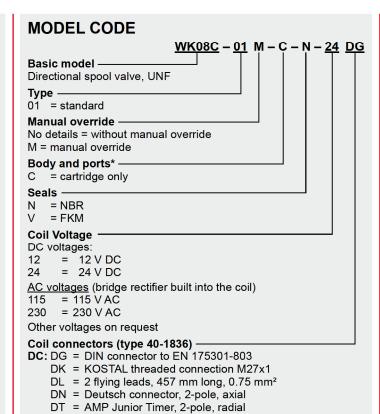
- External surfaces zinc-plated and corrosion-proof
- Hardened and ground internal valve components to ensure minimal wear and extended service life
- Coil seals protect the solenoid system
- Wide variety of connectors available
- Excellent switching performance by high power HYDAC solenoid
- Low pressure drop due to CFD optimized flow path

SPECIFICATIONS

l mm²/s		
mm²/s		
mm²/s		
and 2		
min. 7.4 mm²/s to max. 420 mm²/s		
Class 21/19/16 according to ISO 4406 or cleaner		
150 years (see "Conditions and instructions for valves" in brochure 5.300)		
el		
ground		
d) media inge °C)		
е		
5 ms		
) ms		
DC solenoid, AC voltage is rectified using a bridge rectifier built into the coil		
1.5 A at 12 V DC 0.8 A at 24 V DC		
± 15% of the nominal voltage		
Continuous up to max. 115% of the nominal voltage at 60 °C ambient temperature		
Coil40-1836		
5 Die		







Standard models

Other connectors on request

Code	Part No.
WK08C-01-C-N-12DG	3020375
WK08C-01-C-N-24DG	3020388
WK08C-01-C-N-230AG	3043889

AC: AG = DIN connector to EN 175301-803

Other models on request

*Standard line body

Code	Part No.	Material	Connections	Pressure
FH083-SB3	560922	Steel, zinc-plated	G3/8	420 bar
FH083-AB3	3011427	Aluminium, clear anodized	G3/8	210 bar

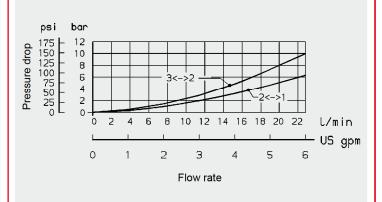
Other bodies on request

Seal kits

Code	Material	Part No.
FH083-N Seal kit	NBR	3054795
FH083-V Seal kit	FKM	2591059

PERFORMANCE

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



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.