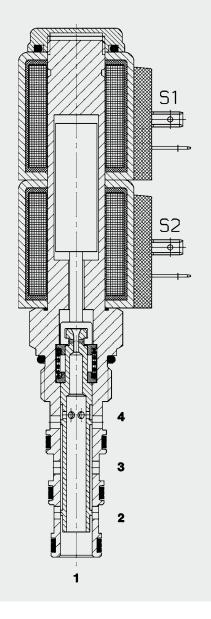
AC INTERNATIONAL

23 l/min 350 bar

FUNCTION



When de-energized, there is free flow through the valve from ports 2 and 4 to ports 3 and 1. When the solenoid coil S1 is energized, there is free flow through the valve from port 3 to port 4 and from port 2 to port 1. When solenoid coil S2 is energized, there is free flow through the valve from port 3 to 2 and from port 4 to 1.

4/3 Solenoid Directional Valve UNE Spool Type, Direct-Acting SAE-10 Cartridge – 350 bar

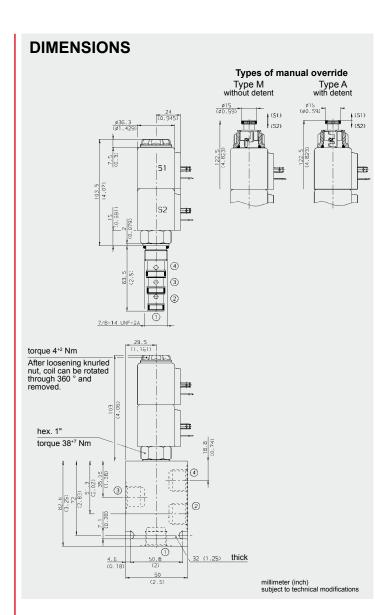
WK10H-01

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

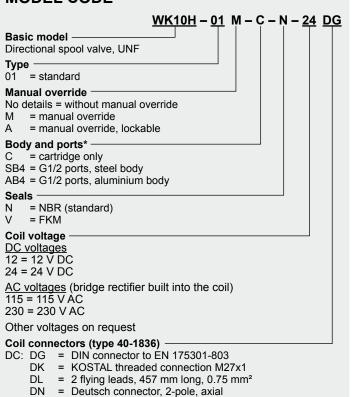
SPECIFICATIONS

23 I/min (Consult HYDAC for flow ratings above 207 bar)		
max. 160 cm3/min at 207 bar and 34 mm2/s		
min20 °C to max. +100 °C		
min20 °C to max. +60 °C		
Hydraulic oil to DIN 51524 Part 1 and 2		
min. 7.4 to max. 420 mm²/s		
Class 19/17/14 to ISO 4406 or cleaner		
150 years (see "Conditions and instructions for valves" in brochure 5.300)		
No orientation restrictions		
alve body:	Steel	
pool:	hardened and ground steel	
eals:	NBR (standard) FKM (optional, media temperature range -20 °C to +120 °C)	
ack-up rings:	PTFE	
oil:	Steel / Polyamide	
C10-4		
alve complete	0.67 kg 0.19 kg	
o oy.	<u></u>	
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 nominal voltage		
Continuous up to max. 115% of nominal voltage at max. 60° C ambient temperature		
nominal volta	age at	
	ax. 160 cm3/207 bar and in20 °C to r in20 °C to r ydraulic oil to in. 7.4 to may lass 19/17/14 to years (see structions for o orientation palve body: pool: eals: ack-up rings: oil: C10-4 alve complete oil only: C solenoid, A sing a bridge 5 A at 12 V D 8 A at 24 V D	



CAVITY ø30 (ø1.181) 10.1(0.004) A 7/8-14UNF-28 FC10-4 /[0.05(0.002)]A] (Ø0.750 f Α ø15.49 (ø0.610) / 0.05(0.002) A (Ø0.625 +0.002) X 5:1 ✓ 0.1(0.004) A Ro12.5/ (Ro3.2/ Ro1.6/) \$23.90*0.1 (\$0.941*0.004) (R0.015 max) Form tools Tool Part No. Countersink FC10-4 176174 Reamer FC10-4 millimeter (inch) subject to technical modifications 176175

MODEL CODE



Standard models

DT

Model code	Part No.
WK10H-01-C-N-12DG	3044518
WK10H-01-C-N-24DG	3038914
WK10H-01-C-N-230AG	3044526
Other models on request	

= AMP Junior Timer, 2-pole, radial

AC: AG = DIN connector to EN 175301-803

*Standard in-line bodies

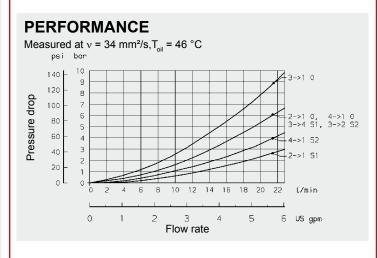
Other connectors on request

Code	Part No.	Material	Ports	Pressure
FH104-SB4	3037784	Steel, zinc-plated	G1/2	420 bar
FH104-AB4	3038097	Aluminium, anodized	G1/2	210 bar

Other line bodies on request

Seal kits

Code	Material	Part No.
Seal kit FS104-N	NBR	3051912
Seal kit FS104-N	FKM	3071275



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.

HYDAC Fluidtechnik GmbH Justus-von-Liebig-Str. D-66280 Sulzbach/Saar Tel: 0 68 97 /509-01 Fax: 0 68 97 /509-598 E-Mail: flutec@hydac.com