

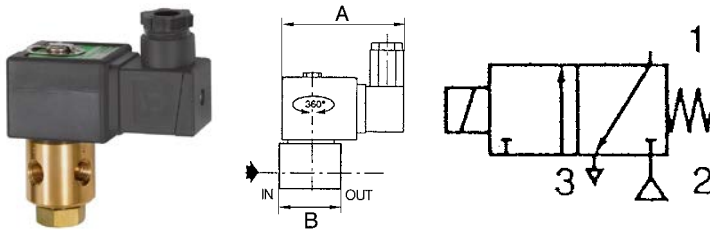
3/2-Wege-Magnetventil

3/2-Wege-Ausführung

MAX |||

Artikel Nr. 102963

Typen Nr. MV 3211



Beispielhafte Darstellung

Für alle Anwendungen mit Druckluft, neutralen Gasen und dünnflüssigen, neutralen Medien.

Technische Informationen

Gehäuse	Messing
Ventilsitz	Messing
Innenteile	Edelstahl
Schutzart	IP 65 (bei Verwendung der Gerätesteckdose)
Bauform	7
Funktion	stromlos geschlossen (NC)
Gewinde	Rp 1/8
DN	2,4 mm
Spannung	230 V AC
Betriebsdruck	0 - 7 bar
Dichtmaterial	NBR
Elektrischer Anschluss	für Gerätesteckdose PG 11 P, nach ISO 4400
Mediumtemperatur	-20 bis 90 °C
Umgebungstemperatur	-20 bis 75 °C
Gewindenorm	ISO 7-1
A	75 mm
B	30 mm

Kaufmännische Daten

Zolltarifnummer	84812090
Ursprungsland	DE
eCl@ss 5.1.4	27220601
eCl@ss 9.0	27220601
UNSPSC_Code_v190501	40141605
UNSPSC_CodeDesc_v190501	Solenoid valves

Material Informationen

REACH SVHC1 Stoff Name	lead
CAS-Nr. SVHC 1	7439-92-1
RoHS Werkstoff-Hinweis	RoHS compliant
REACH Info	contains SVHC substance

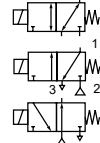
ASCO®

SOLENOID VALVES

direct operated
in-line

1/8

U
NC
NO



3/2
Series
320

FEATURES

- Compact three way solenoid valves with orifices and pipe connections in valve body, provide in-line piping
- Valves do not require a minimum operating pressure
- The solenoid valves satisfy all relevant EC Directives

GENERAL

Differential pressure 0 to 14 bar [1 bar = 100 kPa]
Maximum viscosity 65cSt (mm²/s)
Response times 5 - 25 ms

fluids (*)	temperature range (TS)	seal materials (*)
air, inert gas, water, oil	-20 to +90°C	NBR (nitrile)

MATERIALS IN CONTACT WITH FLUID

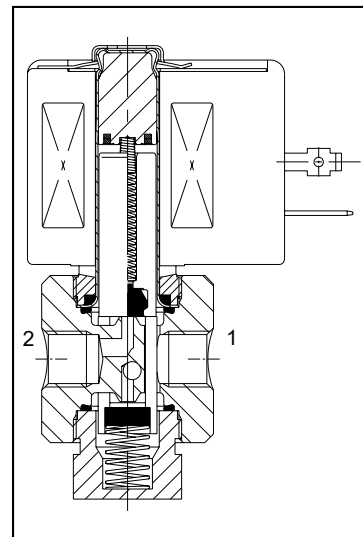
(*) Ensure that the compatibility of the fluids in contact with the materials is verified

	Brass body	Stainless steel body
Body	Brass	AISI 303 SS
Core tube	Stainless steel	Stainless steel
Core and plugnut	Stainless steel	Stainless steel
Springs	Stainless steel	Stainless steel
Seats	Brass	Stainless steel
Seal & discs	NBR	NBR
Disc holder & core guide	POM	POM
Shading coil	Copper	Silver

ELECTRICAL CHARACTERISTICS

Coil insulation class F
Connector Spade plug (cable Ø 6-10 mm)
Connector specification ISO 4400 / EN 175301-803, form A
Electrical safety IEC 335
Standard voltages DC (=): 24V
 (Other voltages and 60 Hz on request) AC (~): 24V - 115V - 230V / 50 Hz

coil type	power ratings				ambient temperature ranges (TS)	protection
	inrush	holding		hot/cold		
	(VA)	(VA)	(W)	(W)	(°C)	
CM6-FT	34	15,6	6,0	7 / 9,7	-20 to +75	moulded IP65
CM6-FB	30	22,5	9,0	-	-20 to +50	moulded IP65



SPECIFICATIONS

pipe size	orifice size	flow coefficient Kv	operating pressure differential (bar)								coil type		catalogue number		OPTIONAL				
			min.	maximum (PS)						FPM					EPDM	CR	PTFE (1)		
				air (*)	water (*)		oil (*)												
NPT	(mm)	(m³/h)	(l/min)	~	=	~	=	~	=	~	=	brass body	stainless steel body						
U - Universal, NBR seals																			
1/8	1,6	0,08	1,3	0	7	4,5	7	4,5	7	4,5	CM6-FB	CM6-FT	SCB320B001	SCB320A041	V	E	J	T	
	2,4	0,10	1,7	0	3,5	3,5	3,5	3,5	3,5	3,5	CM6-FT	CM6-FT	SCB320B083	SCB320A087	V	E	J	T	
	3,2	0,18	3,0	0	2	1,5	2	1,5	2	1,5	CM6-FB	CM6-FT	SCB320B003	SCB320A043	V	E	J	T	
NC - Normally closed, NBR seals																			
1/8	1,2	0,05	0,5	0	14	14	14	14	14	14	CM6-FT	CM6-FT	SCB320B132	SCB320A142	V	E	J	T	
	1,6	0,08	1,3	0	9	9	9	9	9	9	CM6-FT	CM6-FT	SCB320B013	SCB320A045	V	E	J	T	
	2,4	0,10	1,7	0	7	7	7	7	7	7	CM6-FT	CM6-FT	SCB320B015	SCB320A047	V	E	J	T	
	3,2	0,18	3,0	0	3	3	3	3	3	3	CM6-FT	CM6-FT	SCB320B017	SCB320A049	V	E	J	T	
NO - Normally open, NBR seals																			
1/8	1,2	0,05	0,5	0	14	14	14	14	14	14	CM6-FT	CM6-FT	SCB320B136	SCB320A146	V	E	J	T	
	1,6	0,08	1,3	0	9	9	9	9	9	9	CM6-FT	CM6-FT	SCB320B027	SCB320A051	V	E	J	T	
	2,4	0,10	1,7	0	7	7	7	7	7	7	CM6-FT	CM6-FT	SCB320B029	SCB320A053	V	E	J	T	
	3,2	0,18	3,0	0	3	3	3	3	3	3	CM6-FT	CM6-FT	SCB320B031	SCB320A055	V	E	J	T	

(1) Stainless steel body only

All leaflets are available on: www.ascojoucomatic.com

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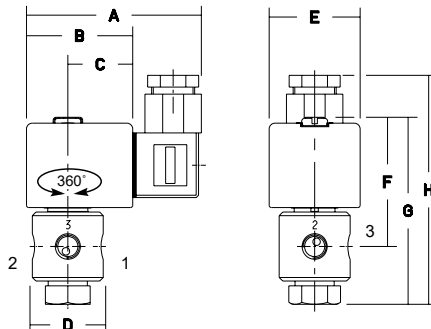
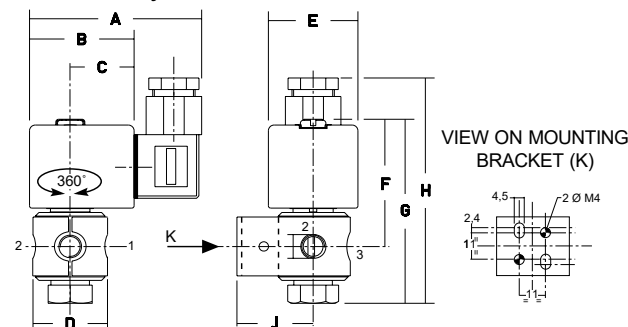
OPTIONS

- Valves can also be supplied with FPM (fluorelastomer), EPDM (ethylene-propylene), CR (chloroprene) and on stainless steel body version PTFE only, seals and discs. Use the appropriate optional suffix letter for identification
- Waterproof enclosure with embedded screw terminal and Pg 13,5 cable gland to meet CEE-10 (IP67)
- Explosionproof enclosures for hazardous locations according to **"ATEX/CENELEC"** and national standards
- Explosionproof and watertight enclosures according to **"NEMA"** standards
- Mounting brackets for brass body solenoid valves
- Compliance with **"UL"** and **"CSA"** standards
- Manual operator
- Plug with visual indication and with peak voltage suppression and with cable length of 2m

INSTALLATION

- The valves can be mounted in any position without affecting operation
- Mounting brackets are standard supplied with stainless steel body solenoid valves
- Pipe connection identifier is: B = NPT (ANSI 1.20.3)
- The third digit in the catalogue number indicates the standard pipe connection
- Other pipe connections are available on request
- Installation/maintenance instructions are included with each valve
- Spare Parts Kit and replacement coils are available

DIMENSIONS (mm), WEIGHT (kg)

Brass body solenoid valves

Stainless steel body solenoid valves


catalogue number	A	B	C	D	E	F	G	H	J	weight (1)
brass body	75	45	27	30	39	56	79	95	-	0,4
stainless steel body	75	45	27	30	39	56	79	95	40	0,4

(1) Incl. coil and connector

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