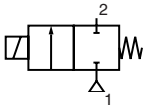
SOLENOID VALVES

normally closed, direct operated
for high pressure fluids
1/4

NC 

2/2
Series
262



2

FEATURES

- *Solenoid valves satisfy all relevant EC directives*
- *Valves do not require a minimum operating pressure and have a high operating pressure as indicated*
- *Valve operation is not affected by mounting position*

GENERAL

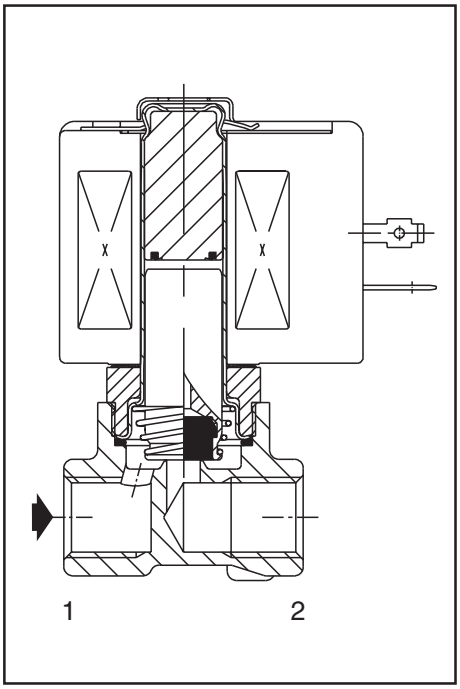
Differential pressure See "SPECIFICATIONS" [1 bar =100 kPa]
Maximum viscosity 65 cSt (mm²/s)
Response times 5 - 25 ms

fluids (∗)	temperature ranges (TS)	sealings (∗)
air, inert gas, water, oil	-20 to +90°C	NBR (nitrile / buna-n)
	-20 to +40°C	UR (cast urethane)

MATERIALS IN CONTACT WITH FLUID

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

Body Brass
Core tube Stainless steel
Core and plugnut Stainless steel
Springs Stainless steel
Seat Brass
Sealing NBR
Disc NBR or UR
Shading coil Copper



ELECTRICAL CHARACTERISTICS

Coil insulation class F
Connector Spade plug (Pg 11P)
Connector specification ISO 4400
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 inrush ~ (VA)	holding ~ (VA)	holding ~ (W)	hot/cold = (W)	ambient temperature ranges (TS) (°C)	protection
CM6-FT	34,0	15,6	6,0	7 / 9,7	-20 to +75	moulded IP65
CM6-FB	30,0	22,5	9,0	9,5 / 15,3	-20 to +50	moulded IP65
CMXX-FT	55,0	23,0	10,5	9 / 11,2	-20 to +75	moulded IP65
CMXX-FB	78,0	35,0	16,7	-	-20 to +50	moulded IP65
CMXX-FF	-	-	-	14 / 19,7	-20 to +25	moulded IP65

SPECIFICATIONS

pipe size	orifice size	flow coefficient Kv		operating pressure differential (bar) min.	maximum (PS) air (∗)		water (∗)		oil (∗)		coil type		catalogue number	OPTIONAL FPM	EPDM	CR	PTFE
G	(mm)	(m³/h)	(l/min)		~	=	~	=	~	=	~	=					
Brass body, NBR sealings and disc																	
1/4	1,2	0,05	0,8	0	50	35	50	35	35	35	CM6-FT	CM6-FT	**SC G262C019**	V	E	J	T
	2,4	0,17	2,8	0	25	10	25	8	11	8	CM6-FT	CM6-FT	**SC G262C020**	V	E	J	T
	2,4	0,17	2,8	0	35	15	35	10	20	10	CM6-FB	CM6-FB	**SC G262C021**	V	E	J	T
	3,2	0,30	5,0	0	9	4	11	4	6	4	CM6-FT	CM6-FT	**SC G262C022**	V	E	J	T
	3,2	0,30	5,0	0	15	7	16	6	11	6	CM6-FB	CM6-FB	**SC G262C023**	V	E	J	T
	3,2	0,30	5,0	0	20	5	20	4	13	4	CMXX-FT	CMXX-FT	**SC G262D232**	V	E	J	T
	4,0	0,43	7,2	0	12	2,5	13	2,5	10	3,0	CMXX-FT	CMXX-FT	**SC G262C202**	V	E	J	T
	5,6	0,62	10,3	0	6,5	1,7	6,5	1,7	6,5	1,7	CMXX-FT	CMXX-FT	**SC G262C208**	V	E	J	T
	5,6	0,73	12,2	0	2,5	1,2	3,0	1,3	2,5	1,3	CM6-FT	CM6-FT	**SC G262C013**	V	E	J	T
	7,1	0,82	13,7	0	1,8	1,0	2,5	1,0	1,9	1,0	CM6-FT	CM6-FT	**SC G262C090**	V	E	J	T
	7,1	0,75	12,5	0	4,0	1,2	5,0	1,0	4,0	1,2	CMXX-FT	CMXX-FT	**SC G262C210**	V	E	J	T
	7,1	0,75	12,5	0	6,0	1,7	6,5	1,3	6,0	1,3	CMXX-FB	CMXX-FF	**SC G262B212**	V	E	J	T
Brass body, NBR sealings and UR disc																	
1/4	1,2	0,05	0,8	0	100	32	100	32	75	30	CMXX-FT	CMXX-FT	**SC G262D200**				T

The codes in the grey shaded areas correspond to commonly used products which can be supplied rapidly

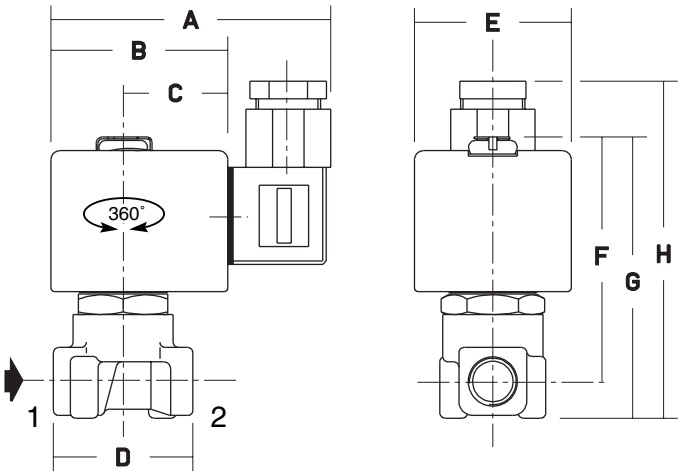
OPTIONS

- Valves can also be supplied with FPM (fluorelastomer / viton), EPDM (ethylene-propylene), CR (chloroprene / neoprene) and PTFE (teflon) sealings and discs. Use the appropriate optional suffix letter for identification
- Waterproof enclosure with embedded screw terminal coil according to protection class IP67, CEE-10
- Explosionproof enclosures for hazardous locations according to "**CENELEC**" and national standards (see section 10)
- Explosionproof and watertight enclosures according to "**NEMA**" standards (see section 10)
- Mounting brackets
- Compliance with "**UL**" and "**CSA**" standards
- Low power execution, see X012 catalogue
- Manual operator
- Plug with visual indication and with peak voltage suppression or with cable length of 2m (see section 11)

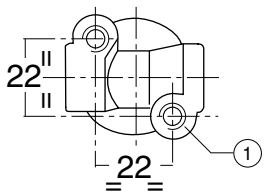
INSTALLATION

- The valves can be mounted in any position without affecting operation
- Valves have 2 mounting holes in body
- Threaded pipe connections is standard: G = G (ISO 228/1)
- 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 (see section 11)

DIMENSIONS (mm), WEIGHT (kg)



BOTTOM VIEW



(1) 2 mounting holes Ø M4, depth 6 mm

catalogue number SC G262	A	B	C	D	E	F	G	H	weight (1)
C013 - C019 - C020 - C021 C022 - C023 - C090	75	45	27	40	39	65	75	92	0,35
B212 - C202 - C208 C210 - D200 - D232	80	50	30	40	45	69	79	96	0,45

(1) incl. coil and connector

ASCO/JOUCOMATIC reserves the right to alter the availability, design and specifications without notice.