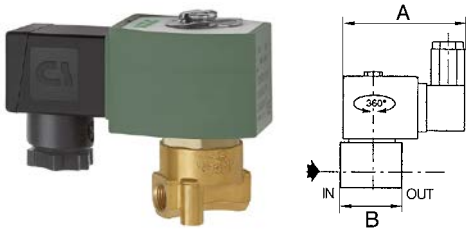
2/2-way solenoid valve

2/2-way type

MAX

Art. No. **102829**

Type No. **MV 2215**



Exemplary illustration

Standard series, proven over many years, available in three different versions

- Directly operated
- Combined operation
- Pilot-operated

For all applications with compressed air, neutral gases or low-viscosity, neutral media.

Technical data

Housing	brass
Valve seat	brass
Internal parts	stainless steel
Protection IP	IP 65 (with connector socket fitted)
Type	2
Function	normally open (NO)
Thread	G 1/4
DN	3.2 mm
Voltage	230 V AC
Operating pressure	0 - 11 bar
Sealant	NBR
Electrical connection	ISO 4400, cable socket (PG 11 P)
Medium temperature	-25 to 80 °C
Ambient temperature	-25 to 55 °C
Standard thread	DIN EN ISO 228-1
A	80.0 mm
B	40.0 mm

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Commercial data

Customs tariff number	84812090
Country of origin	DE
eCl@ss 5.1.4	27220601
eCl@ss 9.0	27220601
UNSPSC_Code_v190501	40141605
UNSPSC_CodeDesc_v190501	Solenoid valves

Material informations

REACH SVHC1 substance name	lead
CAS no. SVHC 1	7439-92-1
RoHS materials notice	RoHS compliant
REACH Info	contains SVHC substance

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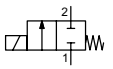
ASCO™ Solenoid Valves

Series 262

For High Pressure Fluids | Direct Operated, 1/8" or 1/4" tapped | 15 mm Compression Fittings

Features and Benefits

- High operating pressure
- RoHS compliance
- AC/DC interchangeability of the coil possible only for NC (10.1 W/1.6 W and 17.1 W/22.6 W)
- Valves do not require a minimum operating pressure
- Large selection of seal materials providing wide chemical compatibility
- Compliance with UL and CSA standards
- The solenoid valves satisfy all relevant EU directives



General

Differential pressure	See «SPECIFICATIONS» [1 bar =100 kPa]
Maximum viscosity	65 cSt (mm^2/s)
Response time	5 - 25 ms

Fluids (∗)	Temperature range (TS)	Seal materials (∗)
air, inert gas, water, oil	-25°C to +80°C	NBR (nitrile)
	0°C to +60°C	UR (cast urethane)

Materials in contact with fluid

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

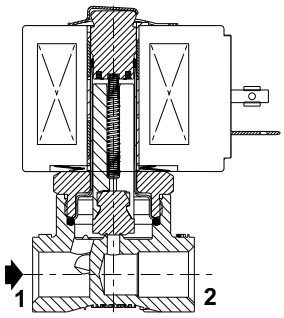
Body	Brass or Stainless steel, AISI 304
Shading coil	Copper or Silver
Core tube	Stainless steel, AISI 305
Core and plugnut	Stainless steel, AISI 430F
Springs	Stainless steel, AISI 302
Seal	NBR
Disc	NBR or UR
Disc holder (NO function)	PA

Electrical characteristics

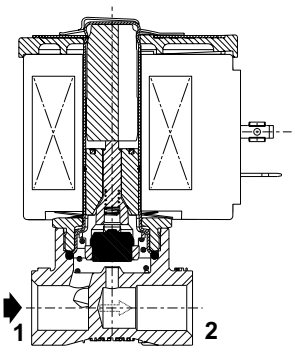
Coil insulation class	F (AC) or H (DC)
Connector	Spade plug (cable Ø 6-10 mm)
Connector specification	ISO 4400 / EN 175301-803, form A
Electrical safety	IEC 335
Electrical enclosure protection	Moulded IP65 (EN 60529)
Standard voltages	DC (=) : 24V - 48V
(Other voltages and 60 Hz on request)	AC (~) : 24V - 48V - 115V - 230V/50 Hz

Operator ambient temperature range (TS)	Power ratings				Replacement coil [1]	
	Inrush ~	Holding ~		Hot/cold =	~	=
(°C)	(VA)	(VA)	(W)	(W)	230 V/50 Hz	24 V DC
-25 to +55	30	16	8.1	7.7/ 10.6	238213-059	238513-006
	45	20	11.1	12.5/18.6	238213-157	238513-106
	50	25	10.1	8.5/11.6	238613-059	238913-006
	70	40	17.1	15.1/22.6	238613-159	238913-106

[1] All 238 basic numbers are UL & CSA approved and marked with the UR (recognised component) and CSA logos.



NC function



NO function

Options

- Seals and disc (∗) [2] (fluid temperature range)
  - FPM (fluoroelastomer): -15°C to +100°C (coil class F) -15°C to +120°C (coil class H)
  - EPDM (ethylene-propylene), 0°C to +100°C
  - CR (chloroprene), 0°C to +80°C
  - PTFE: -15°C to +100°C (coil class F) -15°C to +120°C (coil class H)
- Oxygen service, FPM disc and seals, see "PRODUCT CODE"
- WRAS approval, EPDM disc and seals, see "PRODUCT CODE"
- Magnetic latching versions, reverse polarity DC voltages, see "PRODUCT CODE FOR MAGNETIC LATCHING VERSION ONLY"
- 15 mm compression-fitting body, supplied with nut and olive, see "PRODUCT CODE"
- Connector with visual indication and peak voltage suppression or with cable length of 2 m
- Explosionproof enclosures for use in zones 1/21-2/22, categories 2-3 to ATEX Directive 2014/34/EU (See page: 4)

[2] The minimum ambient temperature of the solenoid valve is determined by the limitations of minimum temperature indicated.

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Specifications

Pipe size	Orifice size	Flow coefficient Kv		Min.	0perating pressure differential (bar) Max. (PS) Air (∗) ~	Air (∗) =	Water (∗) ~	Water (∗) =	Oil (∗) ~	Oil (∗) =	Power coil (W) ~	Power coil (W) =	Thread type	Dimensions / type [1]	PRODUCT CODE Brass	PRODUCT CODE Stainless steel	Voltage code 24 V/50 Hz	48 V/50 Hz	115 V/50 Hz	230 V/50 Hz	24 V/DC	48 V/DC
	(mm)	(m³/h)	(l/min)																			
Without manual operator																						
NC - Normally closed, NBR seal and disc																						
1/8"	1.2	0.05	0.8	0	51	51	51	41	50	34	8.1	10.6	G	01	**G262K001S1N00**	-						
													NPT	01	-	**8262K012S1N00**						
	2.4	0.18	3	0	25	14	22	10	13	10	8.1	10.6	G	01	**G262K014S1N00**	-						
													NPT	01	-	**8262K015S1N00**						
	3.2	0.3	5	0	12	8	12	6.5	8	6	8.1	10.6	G	01	**G262K002S1N00**	-						
													NPT	01	-	**8262K006S1N00**						
					18	10	17	8	13	8	11.1	18.6	G	01	**G262K016S1N00**	-						
1/4"	1.2	0.05	0.8	0	103	68	103	66	103	58	10.1	11.6	G*	02	**E262K200S1W00** [2]	-						
					151	68	151	66	117	58	10.1	11.6	G*	02	-	**E262K214S1W00** [2]						
													NPT	02	-	**8262K214S1W00** [2]						
					51	51	51	41	50	34	8.1	10.6	G*	01	**E262K019S1N00**	-						
													NPT	01	-	**8262K080S1N00**						
	2.4	0.18	3	0	25	14	22	10	11	10	8.1	10.6	G*	01	**E262K020S1N00**	-						
													NPT	01	-	**8262K086S1N00**						
					34	19	24	13	18	13	11.1	18.6	G*	01	**E262K021S1N00**	-						
					40	16	28	16	28	15	10.1	11.6	G*	02	**E262K108S1N00**	**E262K182S1N00**						
													NPT	02	-	**8262K182S1N00**						
					49	41	28	28	28	27	17.1	22.6	G*	02	**E262K109S1N00**	**E262K183S1N00**						
													NPT	02	-	**8262K183S1N00**						
	3.2	0.3	5	0	12	8	12	6.5	6	5.5	8.1	10.6	G*	01	**E262K022S1N00**	-						
													NPT	01	-	**8262K007S1N00**						
					18	10	17	8	10	7.5	11.1	18.6	G*	01	**E262K023S1N00**	-						
					23	7.5	20	7	14	6.5	10.1	11.6	G*	02	**E262K232S1N00**	**E262K184S1N00**						
													NPT	02	-	**8262K184S1N00**						
					34	17	26	17	24	15	17.1	22.6	G*	02	**E262K110S1N00**	**E262K185S1N00**						
													NPT	02	-	**8262K185S1N00**						
	4	0.45	7.5	0	7	5	7	4	4	4	8.1	10.6	G	01	**E262K111S1N00**	**E262K186S1N00**						
													NPT	01	-	**8262K186S1N00**						
					14	3.5	13	3.5	10	3.5	10.1	11.6	G*	02	**E262K202S1N00**	**E262K220S1N00**						
													NPT	02	-	**8262K220S1N00**						
					20	7.5	14	7.5	14	7.5	17.1	22.6	G*	02	**E262K112S1N00**	**E262K187S1N00**						
													NPT	02	-	**8262K187S1N00**						
	5.6	0.63	10.5	0	6.5	2	6.5	2	6.5	2	10.1	11.6	G*	02	**E262K208S1N00**	**E262K226S1N00**						
													NPT	02	-	**8262K226S1N00**						
					8.5	4	8.5	4	8.5	4	17.1	22.6	G*	02	**E262K114S1N00**	**E262K188S1N00**						
													NPT	02	-	**8262K188S1N00**						
					3.5	2	3.5	2	2.5	1.9	8.1	10.6	G*	01	**E262K013S1N00**	-						
													NPT	01	-	**8262K036S1N00**						
	7.1	0.76	12.7	0	2	1.6	2	1.5	2	1.3	8.1	10.6	G*	01	**E262K090S1N00**	-						
													NPT	01	-	**8262K038S1N00**						
					4	1.5	5	1.5	4	1.3	10.1	11.6	G*	02	**E262K210S1N00**	**E262K189S1N00**						
													NPT	02	-	**8262K189S1N00**						
					6	3	6	3	6	3	17.1	22.6	G*	02	**E262K212S1N00**	**E262K230S1N00**						
													NPT	02	-	**8262K230S1N00**						

																	FL	FR	FT	F8	H1	H9

[1] For dimensions, see drawing(s) for each construction type on the following page(s).

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

[2] UR disc only, fluid temperature 0°C to+60°C, no other elastomer can be used.

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Specifications

Pipe size	Orifice size	Flow coefficient Kv		Operating pressure differential (bar) Min.	Max. (PS) Air (✶) ~	Air (✶) =	Water (✶) ~	Water (✶) =	Oil (✶) ~	Oil (✶) =	Power coil (W) ~	Power coil (W) =	Thread type	Dimensions / type [1]	PRODUCT CODE Brass	PRODUCT CODE Stainless steel	Voltage code 24 V/50 Hz	48 V/50 Hz	115 V/50 Hz	230 V/50 Hz	24 V/DC	48 V/DC
	(mm)	(m^3/h)	(l/min)																			
Without manual operator																						
NO - Normally open, NBR seal and disc																						
1/8"	1.2	0.05	0.8	0	79	44	62	33	55	22	10.1	11.6	G	02	G262K155S1W00 [2]	G262K168S1W00 [2]	FL	FR	FT	F8	H1	H9
													NPT	02	-	8262K168S1W00 [2]						
				0	51	44	51	38	51	27	10.1	11.6	G	02	G262K156S1N00	G262K169S1N00						
													NPT	02	-	8262K169S1N00						
	2.4	0.18	3	0	18	11	15	9	12	6.5	10.1	11.6	G	02	G262K128S1N00	G262K236S1N00						
													NPT	02	-	8262K236S1N00						
	3.2	0.3	5	0	11	6.5	10	6.5	8.5	4.5	10.1	11.6	G	02	G262K129S1N00	G262K237S1N00						
													NPT	02	-	8262K237S1N00						
1/4"	1.2	0.05	0.8	0	79	44	62	33	55	22	10.1	11.6	G*	02	E262K161S1W00 [2]	E262K199S1W00 [2]						
													NPT	02	-	8262K199S1W00 [2]						
				0	51	44	51	38	51	27	10.1	11.6	G*	02	E262K260S1N00	E262K130S1N00						
													NPT	02	-	8262K130S1N00						
	2.4	0.18	3	0	18	11	15	9	12	6.5	10.1	11.6	G*	02	E262K261S1N00	E262K134S1N00						
													NPT	02	-	8262K134S1N00						
	3.2	0.3	5	0	11	6.5	10	6.5	8.5	4.5	10.1	11.6	G*	02	E262K262S1N00	E262K138S1N00						
													NPT	02	-	8262K138S1N00						
	4	0.47	7.8	0	6	4	6	3.5	4.5	3	10.1	11.6	G*	02	E262K263S1N00	E262K142S1N00						
													NPT	02	-	8262K142S1N00						
	5.6	0.72	12	0	3	2	3	1.7	2.5	1.7	10.1	11.6	G*	02	E262K264S1N00	E262K148S1N00						
													NPT	02	-	8262K148S1N00						
	7.1	0.83	13.8	0	2	1.3	2	1.1	2	1.1	10.1	11.6	G*	02	E262K265S1N00	E262K152S1N00						
													NPT	02	-	8262K152S1N00						
With maintained manual operator																						
NC - Normally closed, NBR seal and disc																						
1/4"	2.4	0.18	3	0	40	16	28	16	28	15	10.1	11.6	G*	02	E262K108S1N01	E262K182S1N01	FL	FR	FT	F8	H1	H9
													NPT	02	-	8262K182S1N01						
					49	41	28	28	28	27	17.1	22.6	G*	02	E262K109S1N01	E262K183S1N01						
													NPT	02	-	8262K183S1N01						
	3.2	0.3	5	0	23	7.5	20	7	14	6.5	10.1	11.6	G*	02	E262K232S1N01	E262K184S1N01						
													NPT	02	-	8262K184S1N01						
					34	17	26	17	24	15	17.1	22.6	G*	02	E262K110S1N01	E262K185S1N01						
													NPT	02	-	8262K185S1N01						
	4	0.45	7.5	0	14	3.5	13	3.5	10	3.5	10.1	11.6	G*	02	E262K202S1N01	E262K220S1N01						
													NPT	02	-	8262K220S1N01						
					20	7.5	14	7.5	14	7.5	17.1	22.6	G*	02	E262K112S1N01	E262K187S1N01						
													NPT	02	-	8262K187S1N01						
	5.6	0.63	10.5	0	6.5	2	6.5	2	6.5	2	10.1	11.6	G*	02	E262K208S1N01	E262K226S1N01						
													NPT	02	-	8262K226S1N01						
					8.5	4	8.5	4	8.5	4	17.1	22.6	G*	02	E262K114S1N01	E262K188S1N01						
													NPT	02	-	8262K188S1N01						
	7.1	0.76	12.7	0	4	1.5	5	1.5	4	1.3	10.1	11.6	G*	02	E262K210S1N01	E262K189S1N01						
													NPT	02	-	8262K189S1N01						
					6	3	6	3	6	3	17.1	22.6	G*	02	E262K212S1N01	E262K230S1N01						
													NPT	02	-	8262K230S1N01						

[1] For dimensions, see drawing(s) for each construction type on the following page(s).

(✶) Ensure that compatibility of materials in contact with fluids is verified.

[2] UR disc only, fluid temperature 0°C to+60°C, no other elastomer can be used.

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ASCO™ Solenoid Valves

Series 262

For High Pressure Fluids | Direct Operated, 1/8" or 1/4" tapped | 15 mm Compression Fittings

PRODUCT CODE

G 262 K 001 S1 N00 H1

Configurator - CAD Files

Thread connection
G = ISO 228/1 (1/8)
E = ISO 228/1 and ISO 7/1 (combination thread, G*)
8 = NPT (SAE 71051)
H = 15 mm compression fittings [1]

Product series
262

Revision letter
K = Initial release

Valves version

Electrical interface and explosion proof options
S1 = With spade plug connector
FN = Aluminium enclosure, 1/2 NPT conduit, IECEx/ATEX II 2G Ex db IIC Gb / II 2D Ex tb IIIC Db, zone 1-21 (equivalent to NF prefix)[3]
FT = Aluminium enclosure, 20 mm conduit, IECEx/ATEX II 2G Ex db IIC Gb / II 2D Ex tb IIIC Db, zone 1-21 (equivalent to NFET prefix)[3]
FS = AISI 316L enclosure, 1/2 NPT conduit, IECEx/ATEX II 2G Ex db IIC Gb / II 2D Ex tb IIIC Db, zone 1-21 (equivalent to WSNF prefix)[3]
FU = AISI 316L enclosure, 20 mm conduit, IECEx/ATEX II 2G Ex db IIC Gb / II 2D Ex tb IIIC Db, zone 1-21 (equivalent to WSNFET prefix)[3]
MA = Steel enclosure, M20 cable gland, IP67 (equivalent to WP)
MC = Steel enclosure, 1/2 NPT conduit, IP67 (equivalent to WPT)
MD = Steel enclosure, M20 conduit, IP67 (equivalent to WPET)
MF = Stainless Steel enclosure, M20 cable gland, IP67 (equivalent to WS)
MG = Stainless Steel enclosure, 1/2 NPT conduit, IP67 (equivalent to WST)
MH = Stainless Steel enclosure, M20 conduit, IP67 (equivalent to WSET)
MV = Steel enclosure, M20 cable gland, IECEx/ATEX II 2G Ex eb mb IIC Gb/II2D Ex tb IIIC Db, zone 1-21 (equivalent to EM prefix)[3]
MT = Steel enclosure, 20 mm conduit, IECEx/ATEX II 2G Ex eb mb IIC Gb/II2D Ex tb IIIC Db, zone 1-21 (equivalent to EMET prefix)[3]
MN = Steel enclosure, 1/2 NPT conduit, IECEx/ATEX II 2G Ex eb mb IIC Gb/II2D Ex tb IIIC Db, zone 1-21 (equivalent to EMT prefix)[3]
MW = AISI 316 enclosure, M20 cable gland, IECEx/ATEX II 2G Ex eb mb IIC Gb/II2D Ex tb IIIC Db, zone 1-21 (equivalent to WSEM prefix)[3]
MU = AISI 316 enclosure, 20 mm conduit, IECEx/ATEX II 2G Ex eb mb IIC Gb/II2D Ex tb IIIC Db, zone 1-21 (equivalent to WSEMET prefix)[3]
MS = AISI 316 enclosure, 1/2 NPT conduit, IECEx/ATEX II 2G Ex eb mb IIC Gb/II2D Ex tb IIIC Db, zone 1-21 (equivalent to WSEMT prefix)[3]
A7 = Moulded enclosure, epoxy encapsulated, integrated cable, IECEx/ATEX II 2G Ex mb IIC Gb / II 2D Ex mb IIIC Db, zone 1-21 (equivalent to PV prefix)[3]
SG = Moulded coil with connector, epoxy encapsulated, ATEX II 3GD Ex ec IIC Gc / II 3GD Ex tc IIIC Dc, zone 22 (equivalent to SG prefix)[3][4]

Options
Without manual operator
N00 = NBR disc and seals
V00 = FPM disc and seals
VN0 = FPM disc and seals for Oxygen service
EM0 = EPDM disc and seals, WRAS approved [1]
E00 = EPDM disc and seals
J00 = CR disc and seals
T00 = PTFE disc and seals [2]
With maintained manual operator
N01 = NBR disc and seals
V01 = FPM disc and seals
VN1 = FPM disc and seals for Oxygen service
E01 = EPDM disc and seals
J01 = CR disc and seals

Voltage - class
FL = 24 V / 50 Hz - class F
FR = 48 V / 50 Hz - class F
FT = 115 V / 50 Hz - class F
F8 = 230 V / 50 Hz - class F
H1 = 24 V DC - class H
H9 = 48 V DC - class H

[1] Check the online configurator for available versions on Emerson.com/ASCO
[2] Max. operating pressure limited to 75% of standard value.
[3] Search prefix in Emerson.com/ASCO to get detailed technical information.
Please note that the valve pressure ratings with some of the ATEX enclosures will be reduced.
To obtain the correct pressure rating please check the landing pages of the "2-Way Solenoid Valve DIN Configurator".
[4] Coils class F only.

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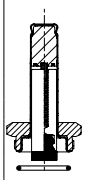
ASCO™ Solenoid Valves

Series 262

For High Pressure Fluids | Direct Operated, 1/8" or 1/4" tapped | 15 mm Compression Fittings

		Spare parts kits no. (∗)																	
		AC (~)									DC (=)								
			NBR	FPM	FPM (oxygen)	EPDM	EPDM (+WRAS)	CR	PTFE	NBR +UR		NBR	FPM	FPM (oxygen)	EPDM	EPDM (+WRAS)	CR	PTFE	NBR +UR
	E262K013/019/020/021/022/023/090	M200001	N00	V00	VN0	E00	EM0	J00	T00	-	M200005	N00	V00	VN0	E00	EM0	J00	T00	-
	E262K08/109/110/112/114	M200007	N00	V00	VN0	E00	EM0	J00	T00	-	M200007	N00	V00	VN0	E00	EM0	J00	T00	-
	E262K130	M200017	N00	V00	VN0	E00	EM0	J00	T00	-	M200033	N00	V00	VN0	E00	EM0	J00	T00	-
	E262K134	M200018	N00	V00	VN0	E00	EM0	J00	T00	-	M200033	N00	V00	VN0	E00	EM0	J00	T00	-
	E262K138/142/148/152	M200018	N00	V00	VN0	E00	EM0	J00	T00	-	M200034	N00	V00	VN0	E00	EM0	J00	T00	-
	E262K161	M200021	-	-	-	-	-	-	-	W00	-	-	-	-	-	-	-	-	-
	E262K182/183/184/185/187/188/189	M200008	N00	V00	VN0	E00	EM0	J00	-	-	M200008	N00	V00	VN0	E00	EM0	J00	-	-
	E262K200	M200007	-	-	-	-	-	-	-	W00	M200007	-	-	-	-	-	-	-	W00
	E262K202/208/210/212	M200007	N00	V00	VN0	E00	EM0	J00	T00	-	M200007	N00	V00	VN0	E00	EM0	J00	T00	-
	E262K214	M200008	-	-	-	-	-	-	-	W00	M200008	-	-	-	-	-	-	-	W00
	E262K220/226/230	M200008	N00	V00	VN0	E00	EM0	J00	-	-	M200008	N00	V00	VN0	E00	EM0	J00	-	-
	E262K232	M200007	N00	V00	VN0	E00	EM0	J00	T00	-	M200007	N00	V00	VN0	E00	EM0	J00	T00	-
	E262K260	M200015	N00	V00	VN0	E00	EM0	J00	T00	-	M200031	N00	V00	VN0	E00	EM0	J00	T00	-
	E262K261	M200016	N00	V00	VN0	E00	EM0	J00	T00	-	M200031	-	-	-	-	-	-	-	W00
	E262K262/263/264/265	M200016	N00	V00	VN0	E00	EM0	J00	T00	-	M200032	N00	V00	VN0	E00	EM0	J00	T00	-
	G262K001/002/014/016	M200001	N00	V00	VN0	E00	EM0	J00	T00	-	M200005	N00	V00	VN0	E00	EM0	J00	T00	-
	G262K128	M200016	N00	V00	VN0	E00	EM0	J00	T00	-	M200031	N00	V00	VN0	E00	EM0	J00	T00	-
	G262K129	M200016	N00	V00	VN0	E00	EM0	J00	T00	-	M200032	N00	V00	VN0	E00	EM0	J00	T00	-
	G262K155	M200021	-	-	-	-	-	-	-	W00	-	-	-	-	-	-	-	-	-
	G262K156	M200015	N00	V00	VN0	E00	EM0	J00	T00	-	M200031	N00	V00	VN0	E00	EM0	J00	T00	-
	G262K168	M200021	-	-	-	-	-	-	-	W00	-	-	-	-	-	-	-	-	-
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	G262K199	M200021	-	-	-	-	-	-	-	W00	-	-	-	-	-	-	-	-	-
	G262K236	M200018	N00	V00	VN0	E00	EM0	J00	T00	-	M200033	N00	V00	VN0	E00	EM0	J00	T00	-
	G262K237	M200018	N00	V00	VN0	E00	EM0	J00	T00	-	M200034	N00	V00	VN0	E00	EM0	J00	T00	-
	8262K006/007/012/015/036/038	M200003	N00	V00	VN0	E00	EM0	J00	T00	-	M200005	N00	V00	VN0	E00	EM0	J00	T00	-
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	8262K130	M200017	N00	V00	VN0	E00	EM0	J00	T00	-	M200033	N00	V00	VN0	E00	EM0	J00	T00	-
	8262K134	M200018	N00	V00	VN0	E00	EM0	J00	T00	-	M200033	N00	V00	VN0	E00	EM0	J00	T00	-
	8262K138/142/148/152	M200018	N00	V00	VN0	E00	EM0	J00	T00	-	M200034	N00	V00	VN0	E00	EM0	J00	T00	-
	8262K168	M200021	-	-	-	-	-	-	-	W00	-	-	-	-	-	-	-	-	-
	8262K169	M200017	N00	V00	VN0	E00	EM0	J00	T00	-	M200033	N00	V00	VN0	E00	EM0	J00	T00	-
	8262K182/183/184/185/187/188/189	M200008	N00	V00	VN0	E00	EM0	J00	-	-	M200008	N00	V00	VN0	E00	EM0	J00	-	-
	8262K199	M200021	-	-	-	-	-	-	-	W00	-	-	-	-	-	-	-	-	-
	8262K220/226/230	M200008	N00	V00	VN0	E00	EM0	J00	-	-	M200008	N00	V00	VN0	E00	EM0	J00	-	-
	8262K236	M200018	N00	V00	VN0	E00	EM0	J00	T00	-	M200033	N00	V00	VN0	E00	EM0	J00	T00	-
	8262K237	M200018	N00	V00	VN0	E00	EM0	J00	T00	-	M200034	N00	V00	VN0	E00	EM0	J00	T00	-

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

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ASCO™ Solenoid Valves

Series 262

For High Pressure Fluids | Direct Operated, 1/8" or 1/4" tapped | 15 mm Compression Fittings

Magnetic latching version

Fluids (∗)	Temperature range (TS)	Seal materials (∗)
water	0°C to +85°C	EPDM

Electrical characteristics

Coil insulation class F (DC)
Standard voltages DC (=) : 3V - 6V - 9V - 12V

Operator ambient temperature range (TS)	Power ratings Hot/cold = (W)		Replacement coil (1) =	
(°C)	640	641/642/643/644	6 V DC	12 V DC
0 to +40	2.5	-	400927-003	400927-005
	-	6	400927-007	400927-014

(1) All coils 400 series are not UL and CSA approved.

Specifications

Pipe size	Orifice size	Flow coefficient Kv		Operating pressure differential (bar) Min.	Max. (PS) Water (∗) =	Power coil (W) =	Thread type	Dimensions / type (2)	PRODUCT CODE Brass	Voltage code 3 V/DC	6 V/DC	9 V/DC	12 V/DC	24 V/DC
	(mm)	(m³/h)	(l/min)											
Without manual operator														
EPDM seal and disc														
15 mm compression fittings	1.2	0.05	0.8	0	10	2.5	H	03	**H262K640S1EM0**	CD	E7	E8	F3	F1
	2.0	0.15	2.5	0	10	6	H	03	**H262K641S1EM0**					
	3.2	0.30	5.0	0	3	6	H	03	**H262K642S1EM0**					
	4	0.45	7.5	0	2	6	H	03	**H262K643S1EM0**					
	6.7	0.82	13.7	0	0.7	6	H	03	**H262K644S1EM0**					

(2) For dimensions, see drawing(s) for each construction type on the following page(s).
(∗) Ensure that compatibility of materials in contact with fluids is verified.

Configurator - CAD Files

PRODUCT CODE FOR MAGNETIC LATCHING VERSION ONLY

H 262 K 640 S1 EM0 E7

Thread connection
H = 15 mm compression fittings

Product series
262

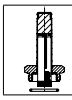
Revision letter
K = Initial release

Valves version
640
641
642
643
644

Electrical interface
S1 = With spade plug connector

Voltage - class
CD = 3 V DC - class F
E7 = 6 V DC - class F
E8 = 9 V DC - class F
F3 = 12 V DC - class F
F1 = 24 V DC - class F

Options
Without manual operator
EM0 = EPDM disc and seals, WRAS approved
PM0 = EPDM disc and seals, Panel Mount, WRAS approved

	Spare parts kits no. (∗) DC (=)	
		EPDM (+ WRAS)
 H262K640 / H262K641 H262K642 / H262K643 H262K644	**M200001**	**EM0**

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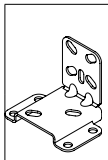
ASCO™ Solenoid Valves

Series 262

For High Pressure Fluids | Direct Operated, 1/8" or 1/4" tapped | 15 mm Compression Fittings

		Accessories code
	Mounting bracket Steel version (AISI 1010 / 1.1121)	**M200094A00**
	Mounting bracket Stainless steel version (AISI 304 / 1.4301)	**M200095A00**

Installation

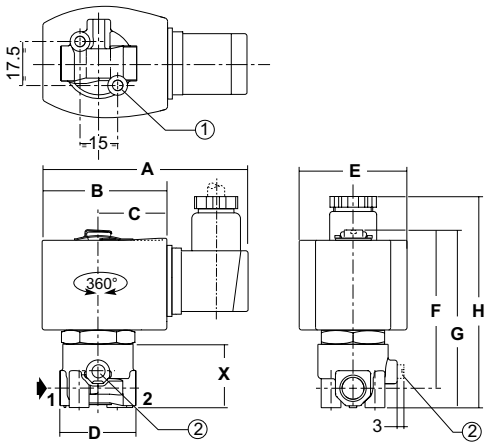
- The solenoid valves can be mounted in any position without affecting operation
- Solenoid valves have 2 mounting holes in body
- Thread connection "E" applicable for 1/4" have standard thread according to ISO 228/1 and ISO 7/1.
  Thread connection "G" applicable for 1/8", have standard thread according to ISO 228/1
- Thread connection "8" have standard thread = NPT (SAE 71051)
- Thread connection "H" have 1/2" male 'G' thread according to BS 2779 plus cap-nut and olive
- Installation/maintenance instructions are included with each valve

Dimensions (mm), Weight (kg)

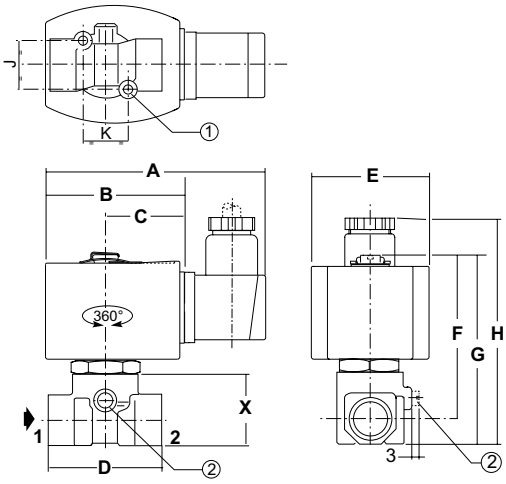
Configurator - CAD Files

TYPE 01
Electrical interface "S1"
Epoxy moulded
IEC 335 / ISO 4400
IP65

1/8", power coil 8.1 W / 10.6 W and 11.1 W / 18.6 W



1/4", power coil 8.1 W / 10.6 W and 11.1 W / 18.6 W



Type	Pipe size	A	B	C	D	E	F	G	H	X	Weight (1)
01	1/8"	88	51	30	30	43	62	71	88	26	0.30
	1/4"	88	51	30	40	43	65	75	92	30	0.42

(1) Incl. coil(s) and connector(s).

① 2 mounting holes:
M5 dia., depth 6.5 mm (1/8)
M5 dia., depth 7.5 mm (1/4)
② Manual operator location

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ASCO™ Solenoid Valves

For High Pressure Fluids | Direct Operated, 1/8" or 1/4" tapped | 15 mm Compression Fittings

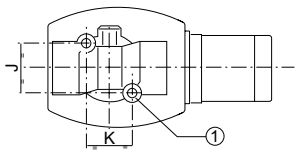
Series 262

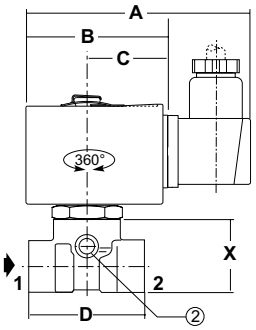
Dimensions (mm), **Weight** (kg)

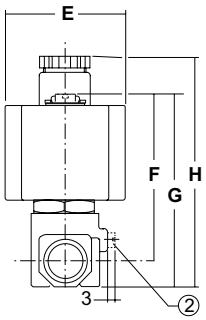
Configurator - CAD Files

TYPE 02
Electrical interface "S1"
Epoxy moulded
IEC 335 / ISO 4400
IP65

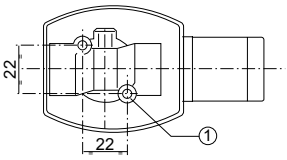
NC: 1/4", power coil 10.1 W / 11.6 W and 17.1 W / 22.6 W

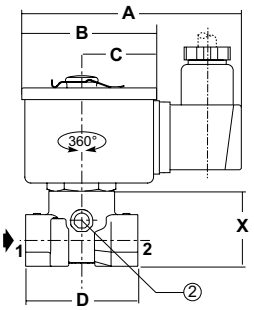


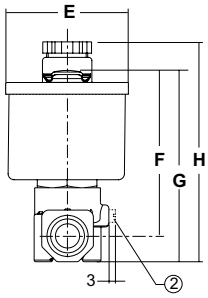




NO: 1/8"-1/4", power coil 10.1 W / 11.6 W







Type	Pipe size	A	B	C	D	E	F	G	H	J	K	X	Weight [1]
02	1/8" (NO)	96	59	34	30	52	67	75	88	17.5	15	26	0.50
	1/4" (NC)	95	57	33	40	50	69	78	96	22	22	30	0.60
	1/4" (NO)	96	59	34	40	52	69	78	96	22	22	30	0.62

[1] Incl. coil(s) and connector(s).

① 2 mounting holes: M5 dia., depth 7.5 mm (1/4")
② Manual operator location.

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ASCO™ Solenoid Valves

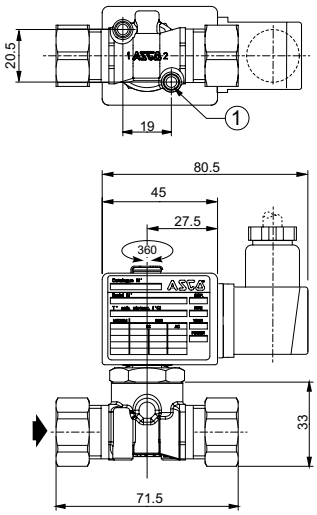
For High Pressure Fluids | Direct Operated, 1/8" or 1/4" tapped | 15 mm Compression Fittings

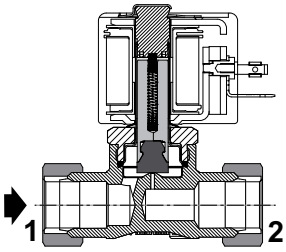
Series 262

Dimensions (mm), Weight (kg)

TYPE 03
Electrical interface "S1"
Epoxy moulded
IEC 335 / ISO 4400
IP65

Magnetic latching coil 2.5 W / 6 W



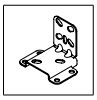


Magnetic Latching version

① 2 mounting holes:
190-24 UNC-2B, depth 6 mm

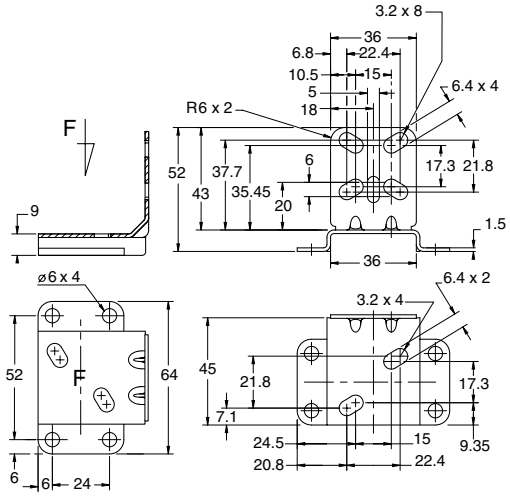
Weight (1)
0.45

(1) Incl. coil(s) and connector(s).



Mounting bracket
Steel or stainless steel

M200094A00 / M200095A00



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