

Specifications

Specifications															PRODUCT CODE											
Pipe size	Orifice size	Flow coefficient Kv		Operating pressure differential (bar)								Power coil (W)		Thread type	Dimensions / type ⁽¹⁾	Brass	Stainless steel	Voltage code								
				Min.	Max. (PS)						24 V/50 Hz							48 V/50 Hz	115 V/50 Hz	230 V/50 Hz	24 V/DC	48 V/DC				
					Air (＊)	Water (＊)	Oil (＊)	~	=	~													=			
	(mm)	(m³/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				
					51	44	51	38	51	27	10.1	11.6	G	02	-	8262K168S1W00 ⁽²⁾										
	2.4	0.18	3	0	18	11	15	9	12	6.5	10.1	11.6	G	02	G262K128S1N00	G262K236S1N00										
					18	11	15	9	12	6.5	10.1	11.6	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										
					11	6.5	10	6.5	8.5	4.5	10.1	11.6	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⁾										
					51	44	51	38	51	27	10.1	11.6	G＊	02	-	8262K199S1W00 ⁽²⁾										
	2.4	0.18	3	0	18	11	15	9	12	6.5	10.1	11.6	G＊	02	E262K261S1N00	E262K134S1N00										
					18	11	15	9	12	6.5	10.1	11.6	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										
					11	6.5	10	6.5	8.5	4.5	10.1	11.6	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										
					6	4	6	3.5	4.5	3	10.1	11.6	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										
					3	2	3	1.7	2.5	1.7	10.1	11.6	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										
					2	1.3	2	1.1	2	1.1	10.1	11.6	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				
					49	41	28	28	28	27	17.1	22.6	G＊	02	-	8262K182S1N01										
	3.2	0.3	5	0	23	7.5	20	7	14	6.5	10.1	11.6	G＊	02	E262K232S1N01	E262K184S1N01										
					34	17	26	17	24	15	17.1	22.6	G＊	02	-	8262K184S1N01										
	4	0.45	7.5	0	14	3.5	13	3.5	10	3.5	10.1	11.6	G＊	02	E262K110S1N01	E262K185S1N01										
					20	7.5	14	7.5	14	7.5	17.1	22.6	G＊	02	-	8262K185S1N01										
	5.6	0.63	10.5	0	6.5	2	6.5	2	6.5	2	10.1	11.6	G＊	02	E262K202S1N01	E262K220S1N01										
					8.5	4	8.5	4	8.5	4	17.1	22.6	G＊	02	-	8262K220S1N01										
	7.1	0.76	12.7	0	14	3.5	13	3.5	10	3.5	10.1	11.6	G＊	02	E262K112S1N01	E262K187S1N01										
					20	7.5	14	7.5	14	7.5	17.1	22.6	G＊	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										
					8.5	4	8.5	4	8.5	4	17.1	22.6	G＊	02	-	8262K226S1N01										
	7.1	0.76	12.7	0	6.5	2	6.5	2	6.5	2	10.1	11.6	G＊	02	E262K114S1N01	E262K188S1N01										
					8.5	4	8.5	4	8.5	4	17.1	22.6	G＊	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										
					6	3	6	3	6	3	17.1	22.6	G＊	02	-	8262K189S1N01										
	7.1	0.76	12.7	0	4	1.5	5	1.5	4	1.3	10.1	11.6	G＊	02	E262K212S1N01	E262K230S1N01										
					6	3	6	3	6	3	17.1	22.6	G＊	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.

Configurator - CAD Files

PRODUCT CODE

G 262 K 001 S1 N00 H1

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

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

Options

Without manual operator

N00 = NBR disc and seals
V00 = FPM disc and seals
VN0 = FPM disc and seals for Oxygen service
EMO = 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

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⁾

⁽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.