



ASCO Solenoid valve 2/2 Type: 32200 series 238 brass internal thread

Characteristics

Series: 238
Type: 32200
Process connection: Internal thread (BSPP)
Function: Normally closed (NC)
Actuation: Indirect-acting
Electrical connection: Plug EN 175301-803 type B
Max. viscosity: 40 mm²/s
Housing material: Brass
Sealing: NBR
Material coil housing: Epoxy
Material shorting ring: Copper
Membrane material: NBR
Working time: 100 %
Level of protection (IP value): IP65
Emergency manual operation: None
Explosion-proof: No
Medium temperature: From -10 °C to 85 °C

Application

- Water and watery neutral fluids.
- Air and neutral gases.

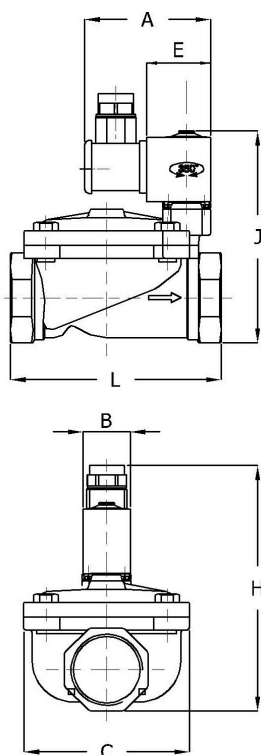
Technical Information

Electrical connection plug EN175301-803;

- Type A at coil powers 5 W AC; 8 W AC; 6.9 W DC; 9 W DC.
- Type B at coil power 4 W AC; 6.9 W DC.
- Conversion possible between alternating and direct voltage coil.
- **Ambient temperature:**
 - From -10 °C to 60 °C with 5W AC coil power; 8W AC; 6.9WDC; 9W DC.
 - From -10 °C to 50 °C with coil powers 4W AC and 6.9W DC.

Options

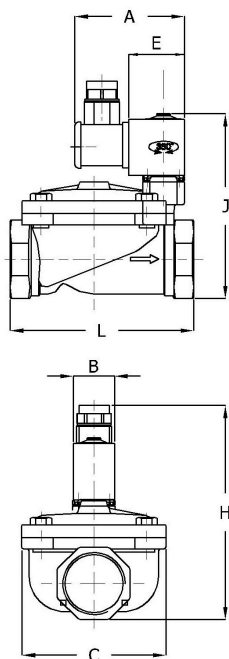
- Emergency manual operation, version MO.
- Seals and diaphragm in EPDM or FPM/FKM.
- Other supply voltages.
- Explosion-proof versions.



Size table:

Type	Size	A mm	B mm	C mm	E mm	H mm	J mm	L mm	Weight kg
E017	1 1/2" [40]	76	30	110	41.5	157	142	140	2.6
E016	1 1/4" [32]	76	30	81	41.5	149	134	113	1.7
D001/2	1/2" [15]	60.5	22	43	27.5	98	81	62	0.4
D006/7	1/2" [15]	76	30	43	38	100	83	62	0.4
D008	1/2" [15]	76	30	57	38	103	85.5	82	0.5
D003	1/2" [15]	60.5	22	57	27.5	100	83.5	82	0.5
D010	1" [25]	76	30	87	38	124	106	106	1
D005	1" [25]	60.5	22	87	27.5	121	104	106	1
E018	2" [50]	76	30	110	41.5	167	152	157	2.9
D009	3/4" [20]	76	30	68	38	114	96.5	95	0.8
D004	3/4" [20]	60.5	22	68	27.5	111	94.5	95	0.8

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Size table:

Type	Size	A	B	C	E	H	J	L	Weight
D006/7	3/8" [10]	76	30	43	38	100	83	62	0.4
D001/2	3/8" [10]	60.5	22	43	27.5	98	81	62	0.4

Size	Response time table	
	Response time opening	Response time closing
3/8"	25 ms	40 ms
1/2"	30 ms	90 ms
3/4"	55 ms	110 ms
1"	70 ms	200 ms
1.1/4"	300 ms	1000 ms
1.1/2"	300 ms	1000 ms
2"	1500 ms	2000 ms

Size process connection	Orifice	Kvs value	Minimum pressure difference	Maximum pressure difference	Coil type	Supply voltage	Power	Starting power	Ambient temperature	Article
	mm	m³/h	bar	bar						
1.1/2" [40]	45	27	0.5	10	511239-005	24V AC	8 W / 14 VA	23 VA	From -10 °C to 50 °C	11489114
1.1/2" [40]	45	27	0.5	10	511239-002	24V DC	7.5 W [hot] / 9 W [cold]		From -10 °C to 50 °C	11489115
1.1/2" [40]	45	27	0.5	10	511239-009	230V AC	8 W / 14 VA	23 VA	From -10 °C to 50 °C	11341946
1.1/4" [32]	30	15	0.5	10	511239-005	24V AC	8 W / 14 VA	23 VA	From -10 °C to 50 °C	11412579
1.1/4" [32]	30	15	0.5	10	511239-002	24V DC	7.5 W [hot] / 9 W [cold]		From -10 °C to 50 °C	11489113
1.1/4" [32]	30	15	0.5	10	511239-009	230V AC	8 W / 14 VA	23 VA	From -10 °C to 50 °C	11362660
1/2" [15]	12	2.4	0.3	10	400127-181	24V AC	4 W / 6 VA	12 VA	From -10 °C to 60 °C	11352314
1/2" [15]	12	2.4	0.3	16	400727-181	24V AC	5 W / 6 VA	10.4 VA	From -10 °C to 60 °C	12160015
1/2" [15]	12	2.4	0.3	16	400727-185	24V DC	5 W [hot] / 6.9 W [cold]		From -10 °C to 60 °C	12160016
1/2" [15]	12	2.4	0.3	10	400127-142	24V DC	5 W [hot] / 6.9 W [cold]		From -10 °C to 60 °C	11344435
1/2" [15]	12	2.4	0.3	10	400127-197	230V AC	4 W / 6 VA	12 VA	From -10 °C to 60 °C	11341566

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Size process connection	Orifice	Kvs value	Minimum pressure difference	Maximum pressure difference	Coil type	Supply voltage	Power	Starting power	Ambient temperature	Article
	mm	m ³ /h	bar	bar						
1/2" [15]	12	2.4	0.3	16	400727-117	230V AC	5 W / 6 VA	10.4 VA	From -10 °C to 60 °C	12160017
1/2" [15]	15	4.2	0.3	16	400727-181	24V AC	5 W / 6 VA	10.4 VA	From -10 °C to 60 °C	12160021
1/2" [15]	15	4.2	0.3	16	400727-185	24V DC	5 W (hot) / 6.9 W (cold)		From -10 °C to 60 °C	12160022
1/2" [15]	15	4.2	0.3	10	400127-142	24V DC	5 W (hot) / 6.9 W (cold)		From -10 °C to 60 °C	11489112
1/2" [15]	15	4.2	0.3	10	400127-197	230V AC	4 W / 6 VA	12 VA	From -10 °C to 60 °C	11340511
1/2" [15]	15	4.2	0.3	16	400727-117	230V AC	5 W / 6 VA	10.4 VA	From -10 °C to 60 °C	12160023
1" [25]	25	9.9	0.3	16	400727-181	24V AC	5 W / 6 VA	10.4 VA	From -10 °C to 60 °C	12160030
1" [25]	25	9.9	0.3	10	400127-181	24V AC	4 W / 6 VA	12 VA	From -10 °C to 60 °C	11384923
1" [25]	25	9.9	0.3	10	400127-142	24V DC	5 W (hot) / 6.9 W (cold)		From -10 °C to 60 °C	11423620
1" [25]	25	9.9	0.3	16	400727-185	24V DC	5 W (hot) / 6.9 W (cold)		From -10 °C to 60 °C	12160031
1" [25]	25	9.9	0.3	10	400127-197	230V AC	4 W / 6 VA	12 VA	From -10 °C to 60 °C	11362221
1" [25]	25	9.9	0.3	16	400727-117	230V AC	5 W / 6 VA	10.4 VA	From -10 °C to 60 °C	12160032
2" [50]	45	34	0.5	10	511239-005	24V AC	8 W / 14 VA	23 VA	From -10 °C to 50 °C	11489117
2" [50]	45	34	0.5	10	511239-002	24V DC	7.5 W (hot) / 9 W (cold)		From -10 °C to 50 °C	11489118
2" [50]	45	34	0.5	10	511239-009	230V AC	8 W / 14 VA	23 VA	From -10 °C to 50 °C	11489116
3/4" [20]	20	6.6	0.3	16	400727-181	24V AC	5 W / 6 VA	10.4 VA	From -10 °C to 60 °C	12160026
3/4" [20]	20	6.6	0.3	10	400127-181	24V AC	4 W / 6 VA	12 VA	From -10 °C to 60 °C	11362659
3/4" [20]	20	6.6	0.3	10	400127-142	24V DC	5 W (hot) / 6.9 W (cold)		From -10 °C to 60 °C	11423618
3/4" [20]	20	6.6	0.3	16	400727-185	24V DC	5 W (hot) / 6.9 W (cold)		From -10 °C to 60 °C	12160027
3/4" [20]	20	6.6	0.3	10	400127-197	230V AC	4 W / 6 VA	12 VA	From -10 °C to 60 °C	11423619
3/4" [20]	20	6.6	0.3	16	400727-117	230V AC	5 W / 6 VA	10.4 VA	From -10 °C to 60 °C	12160028
3/8" [10]	12	2.4	0.3	16	400727-181	24V AC	5 W / 6 VA	10.4 VA	From -10 °C to 60 °C	12160010
3/8" [10]	12	2.4	0.3	10	400127-181	24V AC	4 W / 6 VA	12 VA	From -10 °C to 60 °C	11459616
3/8" [10]	12	2.4	0.3	10	400127-142	24V DC	5 W (hot) / 6.9 W (cold)		From -10 °C to 60 °C	11399122
3/8" [10]	12	2.4	0.3	16	400727-185	24V DC	5 W (hot) / 6.9 W (cold)		From -10 °C to 60 °C	12160011
3/8" [10]	12	2.4	0.3	10	400127-197	230V AC	4 W / 6 VA	12 VA	From -10 °C to 60 °C	11470303
3/8" [10]	12	2.4	0.3	16	400727-117	230V AC	5 W / 6 VA	10.4 VA	From -10 °C to 60 °C	12160012

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