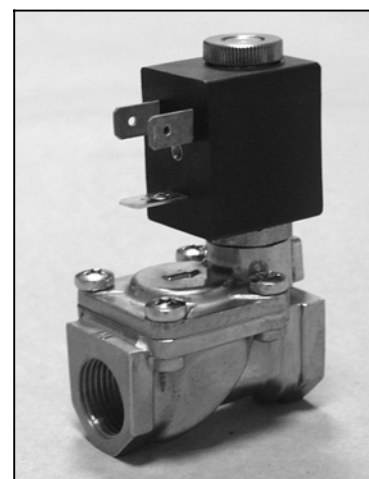


DESCRIPTION

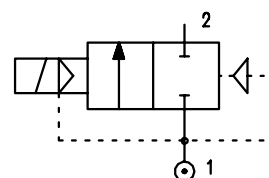
Solenoid valve 2 way normally closed
with servo-assisted diaphragm

CONSTRUCTION

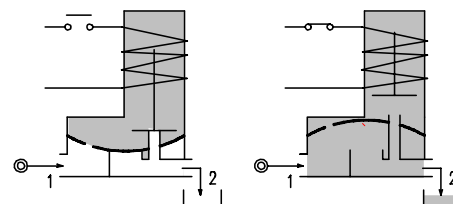
Body and cover	Brass
Armature tube	Stainless steel
Armature & core	Stainless steel
Springs	Stainless steel
Seal material	NBR
	FPM
	EPDM

**FEATURES**

Minimum differential pressure 0.15 bar
 Maximum allowable pressure 25 bar
 Maximum fluid viscosity 25cSt (mm²/s)
 Ambient temperature: with class F coil -10° +55°C
 with class H coil -10°+80°C
 Preferred mounting position with vertical coil above

**4**

OPTIONS: Manual override
 Electroless nickel plating
 Explosion proof coil to ATEX - EExmII Type 7
 Version with speed control
 Version for vacuum applications (air/gas)
 Version for use with oxygen



Certified versions:



CODE ① ②	Connection G	Orifice mm	KV m³/h	Differential Pressure bar			Nominal Power			Coil		Seal ①	Temp. Range °C
				Min	Max		AC Inrush	VA Holding	DC Watt	Type	Width		
					AC	DC							
E107B.....10///....	1/4"	10	1.5	0.15	15	15	12	8	6.5	3	22	NBR=B EPDM=E	-10 +90 -<+140
E107C.....10///....	3/8"	10	1.7	0.15	15	15	12	8	6.5	3	22		
E107C.....12///....	3/8"	12	2	0.15	15	15	12	8	6.5	3	22		
E107D.....12///....	1/2"	12	2.2	0.15	15	15	12	8	6.5	3	22	FPM=V	-10+130
E107E18///....	3/4"	18	5.2	0.15	13	13	12	8	6.5	3	22		
E107F.....25///....	1"	24	10.2	0.15	10	10	12	8	6.5	3	22		
E107G.....37///....	1 1/4"	37	18	0.15	10	10	20	15	10	2	30		
E107H.....37///....	1 1/2"	37	21	0.15	10	10	20	15	10	2	30		
E107I.....50///....	2"	50	36	0.15	10	10	20	15	10	2	30		

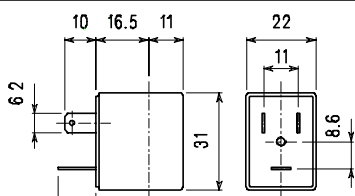
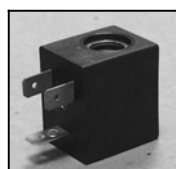
4.107.A/09/03

- ① Seal
 ② Coil

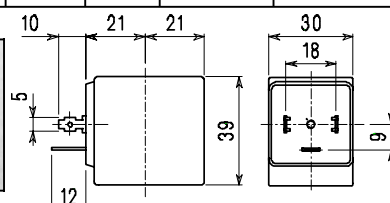
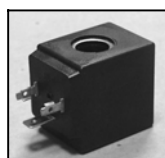
Example E107DB12///301 NBR seal
 Coil 24V DC

COILS	Alternating current ~50 /60Hz Volt							Direct current Volt			Electrical connection	Connectors
	12	24	48	110	220 230	240	380	12	24	48		
Type 3 Width 22 Code ②	30A	30B	30C	30D	30E	30F	30G	300	301	302	DIN 46244	PG9 code 10348000
Type 2 Width 30 Code ②	20A	20B	20C	20D	20E	20F	20G	200	201	202	DIN 43650A	PG9 Code 10349000

DESCRIPTION
Class F insulation
Voltage tolerance
CA+15% -10%
DC ± 10%
Protection to IP65
with connector fitted
IP00 without connector



Type 3 Weight 0.05Kg

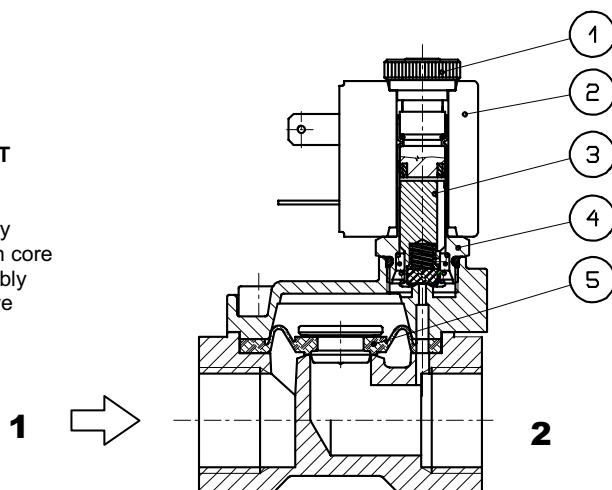


Type 2 Weight 0.2Kg

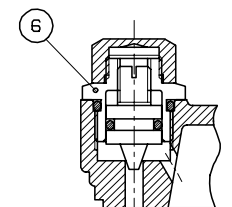
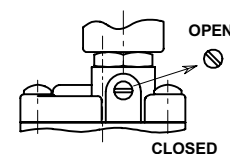
OPTIONS
Class H insulation
Cable attached
Special coil voltage
Special coil power

SPARE PARTS LIST

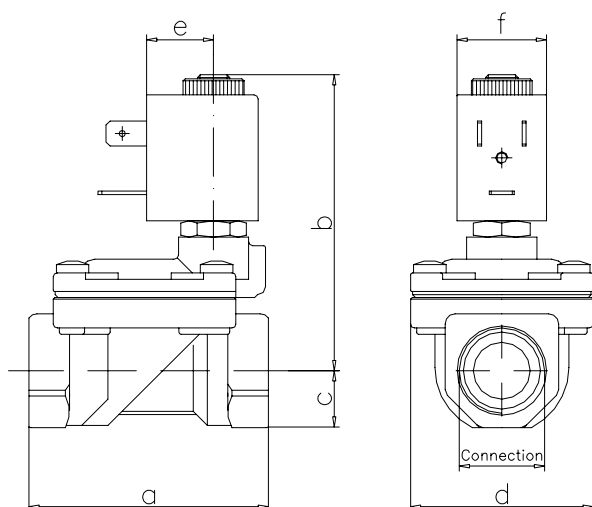
1. Coil fixing nut
2. Coil
3. Armature assembly
4. Armature tube with core
5. Diaphragm assembly
6. Speed control valve



MANUAL OVERRIDE


SPEED CONTROL VALVE
FOR 1"1/4-1"1/2-2"

OVERALL DIMENSION



Connection	a	b	c	d	e	f	Weight kg
1/4" BSP Ø10	47	64	11	32	16	22	0.25
3/8" BSP Ø10	47	64	11	32	16	22	0.22
3/8" BSP Ø12	60	73	14	45	16	22	0.45
1/2" BSP	60	73	14	45	16	22	0.40
3/4" BSP	75	75	18	55	16	22	0.66
1" BSP	96	85	20	72	16	22	1.20
1"1/4" BSP	144	95	28	102	45	30	3.20
1"1/2" BSP	144	95	28	102	45	30	2.90
2" BSP	152	119	35	119	45	30	4.50