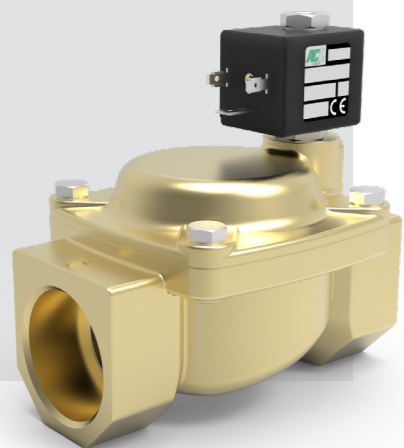
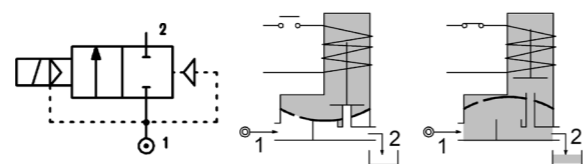
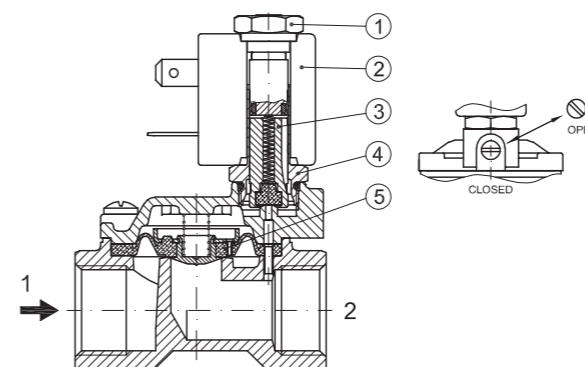


# SERIES 107

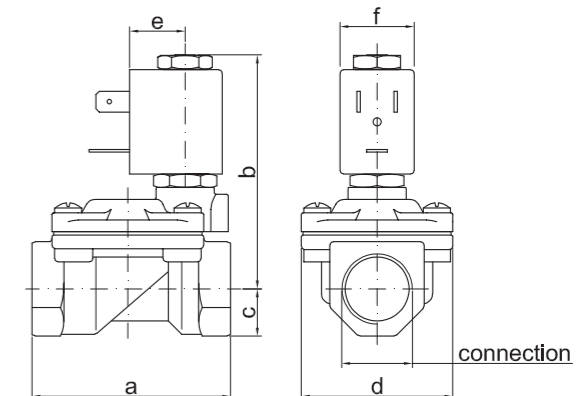
Solenoid valve 2 way normally closed with servo-assisted diaphragm



## SPARE PARTS LIST



## OVERALL DIMENSION



### CONSTRUCTION

BODY AND COVER	Brass - Low Lead Brass NSF 61
ARMATURE TUBE	AISI 303
PLUNGER AND CORE	AISI 430FR
SPRINGS	AISI 302
SEAL MATERIAL	NBR - FPM - EPDM

### FEATURES

Minimum differential pressure 0.15bar
Maximum allowable pressure PS 25bar@
Maximum fluid viscosity 25cSt (mm2/s)
Ambient temperature: from -10°C to +80°C according to the coil
Preferred mounting position with vertical coil above

CODE ① ②	CONNECTION G ISO 228	ORIFICE [mm]	KV m3/h	DIFFERENTIAL PRESSURE [bar]		NOMINAL POWER			COIL		SEAL ①	TEMP. RANGE [°C]	
				MIN.	MAX.	AC	VA	DC	SERIES	WIDTH			
E107B...10//...	1/4"	10	1.5	0.15	15	15					NBR=B	-10 +90	
E107C...10//...	3/8"	10	1.7	0.15	15	15					EPDM=E EPDM=M ⑤	-10 +140	
E107C...12//...	3/8"	12	2.2	0.15	15	15							
E107D...12//...	1/2"	12	2.5	0.15	15	15	12	8	6.5	3	22		
E107E...18//...	3/4"	18	5.5	0.15	13	13							
E107F...25//...	1"	25	10.2	0.15	10	10					FPM=V	-10 +140	
E107G...30//...	1" 1/4"	30	15	0.15	10	10							
④E107C...12/W/...	3/8"	12	2.2	0.5	25	25	15	11	5	4	30	NBR=B	-10 +90
④E107D...12/W/...	1/2"	12	2.5	0.5	25	25							

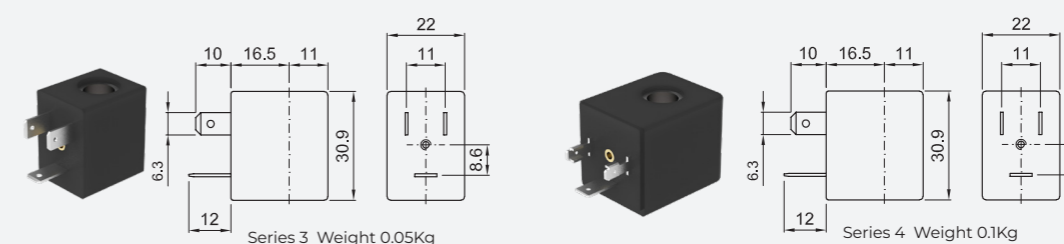
Example: E107DB12//301 NBR seal  
Coil 24V DC

- ① Seal
- ② Coil
- ③ Reinforced diaphragm
- ④ The maximum allowable pressure PS for steam 2,5bar (gauge pressure)
- ⑤ EPMD certified WRAS

### OPTIONS

Manual override
Electroless nickel plating
Series 7 explosion proof coil according to ATEX - EExmII
Version with slow closing diaphragm
Version for vacuum applications (air/gas)
UL certified coils
UL certified versions

COILS ②	ALTERNATING CURRENT 50/60Hz (V)								DIRECT CURRENT (V)			ELECTRICAL CONNECTION	CONNECTORS					
	12	24	48	110	120	220 230	240	380	12	24	48							
Series 3 Width 22	30A	30B	U35B UL	30C	30D	U35D UL	30E	V32E	30F	U35F UL	30G	300	U350 UL	301	U351 UL	302	DIN 46244	PG9 CODE 10348000
Series 4 Width 30	40A	40B	-	40C	40D	-	40E	-	40F	-	40G	400	U450 UL	401	U451 UL	402	DIN 43650A	PG9 CODE 10349000



**DESCRIPTION**  
Class F insulation  
Voltage tolerance  
AC +15% -10%  
DC ±10%  
Protection class  
IP65 with connector fitted  
IP00 without connector  
Continuous service ED100%

**OPTIONS**  
Class H insulation  
Cable attached  
Special coil voltage  
Special coil powers  
UL certified coils  
(for coil details see section 8)