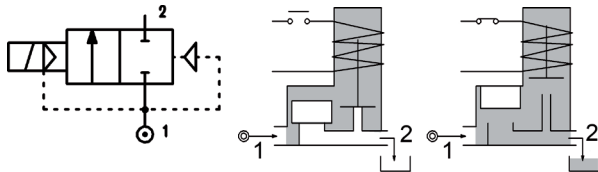


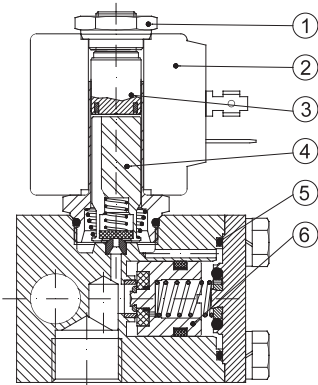


# SERIES 123

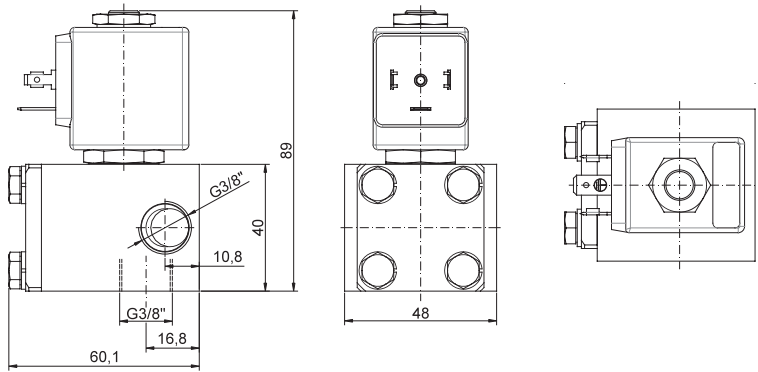
Solenoid valve 2 way normally closed with servo-assisted piston suitable for air and water. Its requested a minimum differential pressure of 0.7 bar.



### SPARE PARTS LIST



### OVERALL DIMENSION



### CONSTRUCTION

|                  |                             |
|------------------|-----------------------------|
| BODY AND COVER   | Brass                       |
| ARMATURE TUBE    | AISI 303                    |
| PLUNGER AND CORE | AISI 430FR                  |
| SPRINGS          | AISI 302                    |
| PISTON           | AISI 303                    |
| SEAL MATERIAL    | main seal PTFE<br>other FPM |

### FEATURES

|                                                                |
|----------------------------------------------------------------|
| Minimum differential pressure 0.7bar                           |
| Maximum allowable pressure PS 200bar                           |
| Maximum fluid viscosity 12cSt (mm2/s)                          |
| Ambient temperature: from -10°C to +80°C according to the coil |
| Preferred mounting position with vertical coil above           |

| CODE<br>②      | CONNECTION<br>G<br>ISO 228 | ORIFICE<br>[mm] | KV<br>l/min | DIFFERENTIAL<br>PRESSURE [bar] |      | NOMINAL POWER |    |    | COIL |        | SEAL | TEMP.<br>RANGE<br>[°C] |         |
|----------------|----------------------------|-----------------|-------------|--------------------------------|------|---------------|----|----|------|--------|------|------------------------|---------|
|                |                            |                 |             | MIN.                           | MAX. |               | AC | VA | DC   | SERIES |      |                        | WIDTH   |
|                |                            |                 |             |                                | AC   | DC            |    |    |      |        |      |                        |         |
| E123CW07///... | 3/8"                       | 7               | 14          | 0.7                            | 100  | 80            | 20 | 15 | 10   | 2      | 30   | PTFE=W                 | -10 +95 |
|                |                            |                 |             |                                | 150  | 150           | 40 | 30 | 27   | 5      | 36   |                        |         |

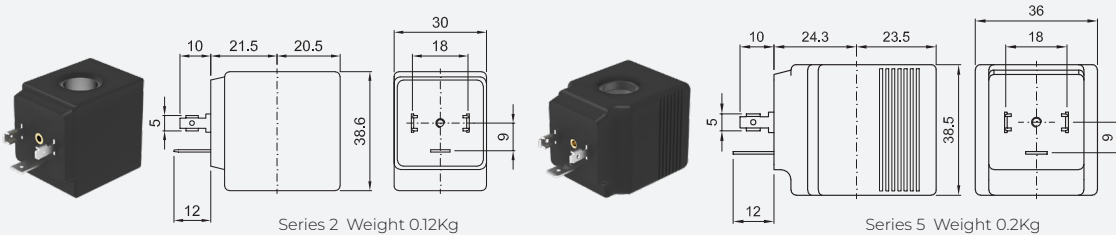
② Coil  
Maximum allowable leakage <0.2NI/h

Example: E123CW07///20E PTFE seal  
Coil 220-230V 50-60Hz

### OPTIONS

|                            |
|----------------------------|
| Electroless nickel plating |
| cULUS certified coils      |

| COILS<br>③           | ALTERNATING CURRENT 50/60Hz<br>(V) |     |               |     |     |               |     |     |               |     | DIRECT CURRENT<br>(V) |               |     |               | ELECTRICAL<br>CONNECTION | CONNECTORS |                         |
|----------------------|------------------------------------|-----|---------------|-----|-----|---------------|-----|-----|---------------|-----|-----------------------|---------------|-----|---------------|--------------------------|------------|-------------------------|
|                      | 12                                 | 24  | 48            | 110 | 120 | 220<br>230    | 240 | 380 | 12            | 24  | 48                    |               |     |               |                          |            |                         |
| Series 2<br>Width 30 | 20A                                | 20B | U25B<br>cULUS | 20C | 20D | U25D<br>cULUS | 20E | 20F | U25F<br>cULUS | 20G | 200                   | U250<br>cULUS | 201 | U251<br>cULUS | 202                      | DIN 43650A | PG9<br>CODE<br>10349000 |
| Series 5<br>Width 36 | 52A                                | 52B | U55B<br>cULUS | 52C | 52D | U55D<br>cULUS | 52E | 52F | U55F<br>cULUS | 52G | 520                   | U550<br>cULUS | 521 | U551<br>cULUS | 522                      | DIN 43650A | PG9<br>CODE<br>10349001 |



**DESCRIPTION**  
Insulation class  
Series 2 =F Series 5=H  
Voltage tolerance  
AC +15% -10%  
DC ±10%  
Protection class  
IP65 with connector fitted  
IP00 without connector

**OPTIONS**  
Class H insulation (series 2)  
Cable attached  
Special coil voltage  
Special coil powers  
cULUS certified coils  
(for coil details see section 8)