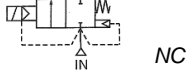


Media: air – water – gas – light oil - Fluid  
 Pressure range: 1 to 100 Bar max  
 Media temperature: -30°C +100°C max  
 Ambient temperature: -20°C to +60°C  
 Media viscosity: 50 centistokes max  
 Mounting: coil upright  
 Weight: 581g  
 Opening / Closing time: 100 mSec Max



# 2/2 Brass

## 1/8 – 1/2

### NORMALLY CLOSED

### 2 WAY SERVO ASSISTED

### 1 – 100 Bar

# TYPE SAP



#### PRESSURE

| Ø Port BSP | Ø Orifice (mm) | Flow Kv Ltr/ min | Pressure Rating (Bar) ΔP |     | Part Number        |
|------------|----------------|------------------|--------------------------|-----|--------------------|
|            |                |                  | Min                      | Max |                    |
| 1/8        | 5.0            | 9.15             | 1                        | 100 | SAP6150 + voltage  |
| 1/4        | 5.0            | 9.15             | 1                        | 100 | SAP8150 + voltage  |
| 3/8        | 5.0            | 9.15             | 1                        | 100 | SAP10150 + voltage |
| 1/2        | 6.0            | 16.17            | 1                        | 100 | SAP12160 + voltage |

#### OPTIONS

IP67 (EN60529:1991+A1:2000) UL + CSA Approved Coil & IP65 LED Connector PG11 – DIN 43650 A  
 PTFE with EPDM, Silicone, VST, Neoprene, ECO, HNBR or Hypalon (elastomer seals only is 40 Bar max)  
 NPT Thread  
 Silver Shading Ring  
 6mm orifice SAPxx60  
 ATEX EExmIIT4 II 2G & 2D IP65 T130°C (SAP\*\*150EM)

Included

#### ELECTRICAL DATA

|   | Voltage (-10% + 10%)<br>Continuous duty 100% | Coil | Power Consumption |         | Insulation class | Enclosure                  | Electrical connections                         |
|---|--|------|-------------------|---------|------------------|----------------------------|--|
|   |  |      | Inrush            | Holding |                  |                            |  |
| ~ | 24 - 48 - 110 - 230 (50 or 60 Hz)            | WPG2 | 18.7VA            | 15.3VA  | H 180°C          | IP 65<br>with<br>connector | 3 spades<br>DIN 43650<br>DIN 40050<br>VDE 0110 |
| = | 12 – 24 - 48 (DC)                            |      | 18 Watts          |         |                  |                            |  |

#### CONSTRUCTION

Body: Brass  
 Tube and Spring: 304 Stainless Armature: 430F Stainless Other internal parts: Stainless steel  
 Seals and gaskets: PTFE + NBR (Optional EPDM, Silicone, VST, CR, ECO, HNBR and Hypalon)  
 Moulded coil: Resin

#### REPAIR KIT

|                                     |                           |
|-------------------------------------|---------------------------|
| Coil                                | WPG2 + voltage            |
| Complete plunger + O' ring Assembly | SP210 + Valve Part Number |

#### OVERALL DIMENSIONS



| Part Number | A  | B  | C  | D | E  | F  | G  | H    | Kg   |
|-------------|----|----|----|---|----|----|----|------|------|
| SAP 6150    | 41 | 19 | 88 | - | 58 | 65 | 15 | 10.5 | 0.53 |
| SAP 8150    | 41 | 19 | 88 | - | 58 | 65 | 15 | 10.5 | 0.52 |
| SAP 10150   | 50 | 25 | 91 | - | 58 | 65 | 15 | 10.5 | 0.58 |
| SAP12160    | 56 | 28 | 97 | - | 58 | 65 |    | 13   | 0.60 |

