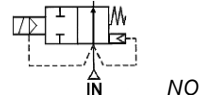


Media: air – water – gas – light oil
 Pressure range: 0.3 to 16 bar max
 Media temperature: -30°C +140° C max
 Ambient temperature: +80°C Max
 Media viscosity: 50 centistokes max
 Mounting: Any Position
 Open: 1–5 Sec Close: 2.5-10 Sec Max



2/2 Brass WRAS

1/2 - 2

NORMALLY OPEN

2 WAY SERVO ASSISTED

0.3 – 16 Bar

TYPE EV220BNO



PRESSURE

| Ø Port BSP | Ø Orifice (mm) | Flow Kv m³/h | Pressure Rating (bar) ΔP | | Operating Time Seconds | | Voltage | Part Number |
|------------|----------------|--------------|--------------------------|-----|------------------------|-------|----------|-------------|
| | | | Min | Max | Open | Close | | |
| 1/2 | 15 | 4 | 0.3 | 16 | 0.04 | 0.35 | AC DC | 032U7117 |
| 3/4 | 20 | 8 | 0.3 | 16 | 0.04 | 1 | AC DC | 032U7122 |
| 1 | 25 | 11 | 0.3 | 16 | 0.3 | 1 | AC DC | 032U7127 |
| 1 1/4 | 32 | 18 | 0.3 | 16 | 1 | 2.5 | AC DC | 032U7134 |
| 1 1/2 | 40 | 24 | 0.3 | 16 | 1.5 | 4 | AC DC | 032U7142 |
| 2 | 50 | 40 | 0.3 | 16 | 5 | 10 | AC DC | 032U7152 |

OPTIONS

IP65 Coil & Connector PG9 – DIN 43650 A
 Anti Water Hammer
 NPT Thread
 Spare DC BB coil (12vDC or 24vDC)
 Spare AC BB coil 24vAC 110vAC or 230vAC)
 Other voltages 12vDC, 110vAC, manual over ride facility and IP67 coil

ELECTRICAL DATA

| Voltage (-10% + 10%) Continuous duty 100% | | Coil | Power Consumption | Insulation class | Enclosure | Electrical connections |
|--|------------------------------|------|-------------------|------------------|----------------------------|---|
| ~ | 24 – 110 – 240 (50 or 60 Hz) | BB | 10 Watts | H 180°C | IP 65 with connector | 3 spades DIN 43650A DIN 40050 VDE 0110 |
| = | 12 - 24 (DC) | | 18 Watts | | | |

CONSTRUCTION

Body: Brass
 Tube and internal parts: Stainless steel
 Seals and gaskets: EPDM WRAS Approved
 Moulded coil: ABS plastic

REPAIR KIT

| | |
|---------------------|------------------|
| EPDM Diaphragm Seal | EV220E + orifice |
| Coil | BB + voltage |

OVERALL DIMENSIONS

| Port BSP | L (mm) | B (mm) | BB | H (mm) | H1 | Kg |
|----------|--------|--------|----|--------|----|-----|
| 1/2 | 80 | 52 | 46 | 99 | 15 | 0.7 |
| 3/4 | 90 | 58 | 46 | 103 | 18 | 0.9 |
| 1 | 109 | 70 | 46 | 113 | 22 | 1.3 |
| 1 1/4 | 120 | 82 | 46 | 120 | 27 | 2 |
| 1 1/2 | 130 | 95 | 46 | 129 | 32 | 3 |
| 2 | 162 | 113 | 46 | 135 | 37 | 4.8 |

