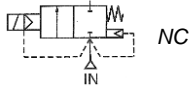


Media: air – water – gas – light oil
 Pressure range: 0.5 to 15 Bar max
 Media temperature: -40°C +160°C max
 Ambient temperature: -20°C to +60°C
 Media viscosity: 50 centistokes max
 Mounting: coil upright
 Opening / Closing time: 50 mSec Max



2/2 Brass

3/8 – 3"

NORMALLY CLOSED

2 WAY SERVO ASSISTED

0.5 – 15 Bar

TYPE PU225®



PRESSURE

| Ø Port BSP | Ø Orifice (mm) | Flow Kv Ltr/ min | Coil | Pressure Rating (Bar) ΔP | | Max Working | Seals | Max Media Temp. °C | Part Number |
|------------|----------------|------------------|-------|--------------------------|-----|-------------|--------------------|--------------------|--|
| | | | | Min | Max | | | | |
| 3/8 | 13 | 40.0 | 22003 | 0.5 | 10 | 15 | NBR FKM EPDM | 80 130 160 | PU22503 + voltage PU22503V + voltage PU22503E + voltage |
| 1/2 | 13 | 40.0 | 22003 | 0.5 | 10 | 15 | NBR FKM EPDM | 80 130 160 | PU22504A + voltage PU22504AV + voltage PU22504AE + voltage |
| 3/4 | 25 | 165.0 | 22003 | 0.5 | 10 | 15 | NBR FKM EPDM | 80 130 160 | PU22506A + voltage PU22506AV + voltage PU22506AE + voltage |
| 1 | 25 | 165.0 | 22003 | 0.5 | 10 | 15 | NBR FKM EPDM | 80 130 160 | PU22508A + voltage PU22508AV + voltage PU22508AE + voltage |
| 1 1/4 | 38 | 367 | 22003 | 0.5 | 10 | 15 | NBR FKM EPDM | 80 130 160 | PU22512A + voltage PU22512AV + voltage PU22512AE + voltage |
| 1 1/2 | 38 | 500 | 22003 | 0.5 | 10 | 15 | NBR FKM EPDM | 80 130 160 | PU22514A + voltage PU22514AV + voltage PU22514AE + voltage |
| 2 | 50 | 600 | 22003 | 0.5 | 10 | 15 | NBR FKM EPDM | 80 130 160 | PU22520A + voltage PU22520AV + voltage PU22520AE + voltage |
| 2 1/2 | 65 | 1050 | 16W | 0.3 | 10 | 15 | NBR FKM EPDM | 80 140 120 | PU22524A + voltage PU22524AV + voltage PU22524AE + voltage |
| 3 | 80 | 1380 | 16W | 0.3 | 10 | 15 | NBR FKM EPDM | 80 140 120 | PU22528A + voltage PU22528AV + voltage PU22528AE + voltage |

OPTIONS

IP65 Coil & Connector PG9 – DIN 43650 A
 NPT Thread (Not available 2 1/2" & 3")
 ATEX EExmIIT4 II 2G & 2D IP65 T130°C ⚠
 Explosion proof enclosure ATEX II 2 G/D EExdIICT6 IP65 +85°C ⚠
 HNBR seals (same price as FKM)

ELECTRICAL DATA

| Voltage (-10% + 10%) Continuous duty 100% | | Coil | Power Consumption | | Insulation class | Enclosure | Electrical connections |
|--|-------------------------------------|-------|-------------------|---------|------------------|----------------------------|---|
| ~ | = | | Inrush | Holding | | | |
| ~ | 12-24-48-110-220-240-380 (50/60 Hz) | 22003 | 23VA | 17VA | H 180°C | IP 65 with connector | 3 spades DIN 43650A DIN 40050 VDE 0110 |
| = | 12 – 24 – 48 -110- 220 (DC) | | 15 Watts | | | | |
| ~ | 24-48-110-230 (50/60 Hz) | 16W | 25VA | 15VA | F 155°C | | |
| = | 12 – 24 – 48 (DC) | | 16 Watts | | | | |

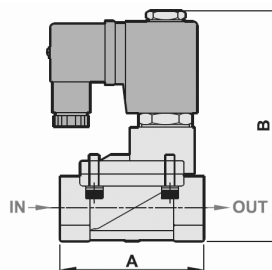
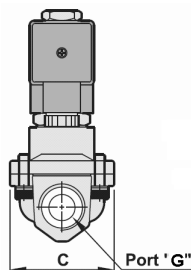
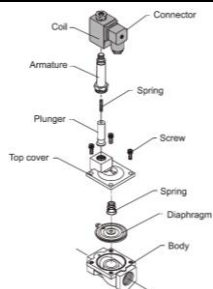
CONSTRUCTION

Body: Forged Brass SS41, Tube and internal parts: Stainless steel
 Seals and gaskets: NBR (Optional EPDM, FKM & HNBR)
 Moulded coil: 16 W Resin / 22003 DuroPlast ThermoSet Resin

REPAIR KIT

| | |
|-------------------------------------|---|
| Diaphragm Seal | 225 + Size code (03-28) + seal material |
| Coil | Coil type (22003 or 16W) + voltage |
| Armature assembly (Normally Closed) | 225320VNC |

OVERALL DIMENSIONS



| Port | A | B | C | Kg |
|-------------|-------|-------|-----|-------|
| 3/8 1/2 | 66.5 | 106.5 | 48 | 0.725 |
| 3/4 1 | 96 | 126.5 | 70 | 1.565 |
| 1 1/4 1 1/2 | 131.5 | 145.5 | 96 | 2.56 |
| 2 | 160 | 160.5 | 112 | 3.9 |
| 2 1/2 | 245 | 186 | 184 | 9.5 |
| 3 | 250 | 196 | 184 | 11.23 |