

Media: air – water – gas – light oil
 Pressure range: 0.5 to 15 bar max
 Media temperature: -10 °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



NC

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	80 120 120	PU22524A + voltage PU22524AV + voltage PU22524AE + voltage
3	75	1380	16W	0.3	10	15	NBR FKM EPDM	80 120 120	PU22528A + voltage PU22528AV + voltage PU22528AE + voltage

OPTIONS

IP65 Coil & Connector PG9 – DIN 43650 A
 ATEX 22003EX Coil: ATEX EExmII T4 II 2G & 2D IP65 T130°C
 Explosion Proof Enclosure ATEX II 2 G/D EExdIICT6 IP65 85°C
 NPT Thread (Not available 2 1/2 + 3")

ELECTRICAL DATA

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

CONSTRUCTION

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

REPAIR KIT

Diaphragm Seal	225 + orifice + seal material
Coil	Coil size (22003 or 16W) + voltage
Armature assembly (Normally Closed)	0543-95.6-00 (not 2 1/2 + 3")

OVERALL DIMENSIONS

Port	3/8 1/2	3/4 1	1 1/4 1 1/2	2	2 1/2	3
A	66.5	96	131	160	243	250
B	106.5	126.5	145.5	160.5	178	188
C	48	70	96	112	184	184
Kg	0.725	1.565	2.56	3.9	9.4	11.4

