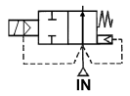


Media: air – water – gas – light oil
 Pressure range: 0.5 to 15 Bar max
 Media temperature: -40°C to +180°C max
 Ambient temperature: -20°C to +60°C
 Media viscosity: 50 centistokes max
 Mounting: coil upright
 Opening / Closing time: 50 mSec Max



NO

2/2 Brass

3/8 – 3"

NORMALLY OPEN

2 WAY SERVO ASSISTED

0.5 – 15 Bar

TYPE NOPU225®



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 -15°C to +80°C	NBR FKM EPDM	NOPU22503 + voltage NOPU22503V + voltage NOPU22503E + voltage
1/2	13	40.0	22003	0.5	10	15			NBR FKM EPDM
3/4	25	165.0	22003	0.5	10	15	EPDM -5°C to +130°C	NBR FKM EPDM	NBR FKM EPDM
1	25	165.0	22003	0.5	10	15			NBR FKM EPDM
1 1/4	38	367	22003	0.5	10	15	Viton -10°C to +180°C	NBR FKM EPDM	NBR FKM EPDM
1 1/2	38	500	22003	0.5	10	15			NBR FKM EPDM
2	50	600	22003	0.5	10	15	HNBR -40°C to +150°C	NBR FKM EPDM	NBR FKM EPDM
2 1/2	65	1050	16W	0.3	10	15			NBR FKM EPDM
3	75	1380	16W	0.3	10	15	HNBR not available	NBR FKM EPDM	NBR FKM EPDM
									NBR FKM EPDM
									NBR FKM EPDM
									NBR FKM EPDM
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									NBR FKM EPDM

OPTIONS

IP65 Coil & Connector PG9 – DIN 43650 A
 ATEX 22003EX Coil: ATEX EExmII T4 II 2G & 2D IP65 T130°C (21/2 + 3" not available in this series)
 NPT Thread (Not available 21/2 + 3")
 HNBR seals, degreased, flange

Included

ELECTRICAL DATA

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

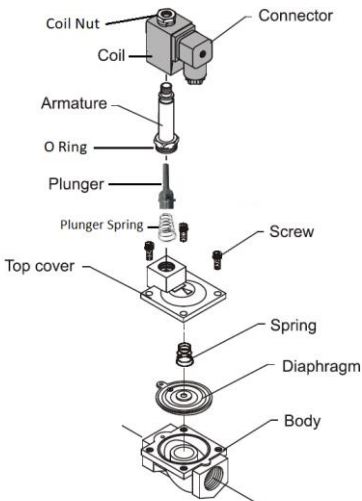
CONSTRUCTION

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

Seal kit	ZGPU225 + size code (03-20) + seal material
Coil	Coil size (22003 or 16W) + voltage
Armature assembly (Normally Open)	225320NO + seal material (not 21/2 + 3")

OVERALL DIMENSIONS



Port	PU225 03 04	PU225 06 08	PU225 12 14	PU225 20	PU225 24	PU225 28
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

