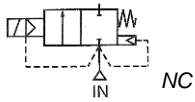


Media: air – water – light oil – 80% vacuum
 Pressure range: 0 to 5 or 0 to 16 Bar max
 Media temperature: -40°C to +180°C max
 Ambient temperature: -20°C to +60°C max
 Media viscosity: 50 centistokes max
 Mounting: coil upright
 Opening / Closing Time: 50 mSec Max



2/2 Brass

3/8 – 1

NORMALLY CLOSED

2 WAY ASSISTED LIFT

0 – 5 or 0 - 16 Bar

TYPE PU220®



PRESSURE

Ø Port BSP	Ø Orifice (mm)	Flow Kv Ltr/ min	Min	Pressure Rating (Bar)				Max Media Temp. °C	Seals	Part Number	
				15 Watt		18.5 Watt					
				AC	DC	AC	DC				
3/8	13	35	0	8.5	5			NBR -15°C to +80°C	NBR FKM EPDM	PU22003 + voltage PU22003V + voltage PU22003E + voltage	
1/2	13	35	0	8.5	5		NBR FKM EPDM		PU22004A + voltage PU22004AV + voltage PU22004AE + voltage		
3/4	20	72	0	8.5	5		NBR FKM EPDM		PU22006A + voltage PU22006AV + voltage PU22006AE + voltage		
1	25	183	0	7	5			VITON -10°C to +180°C	NBR FKM EPDM	PU22008A + voltage PU22008AV + voltage PU22008AE + voltage	
3/8	13	35	0			12	12		EPDM -5°C to +130°C	NBR FKM EPDM	PU22003 + voltage + 18W PU22003V + voltage + 18W PU22003E + voltage + 18W
1/2	13	35	0			12	12			HNBR -40°C to +150°C	NBR FKM EPDM
3/4	20	72	0			16	16	NBR FKM EPDM			PU22006A + voltage + 18W PU22006AV + voltage + 18W PU22006AE + voltage + 18W
1	25	183	0			16	16	NBR FKM EPDM	PU22008A + voltage + 18W PU22008AV + voltage + 18W PU22008AE + voltage + 18W		

OPTIONS

22003 IP65 CE Approved Coil & Connector PG9 – DIN 43650 A Connector ATEX 22003EX Coil: ATEX EExmII T4 II 2G & 2D IP65 T130°C (Max ΔP 3 Bar) NPT Thread HNBR seals, flanged, degreased	Included
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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)	22003	23VA	17VA	H 180°C	IP 65 with connector	3 spades DIN 43650A DIN 40050 VDE 0110
=	12 - 24 - 48 - 110 (DC)		15 Watts				
~	24-48-110-240- 380 (50/ 60 Hz)	22005	33VA	24VA			
=	12 - 24 - 48 - 110 (DC)		18.5 Watts				

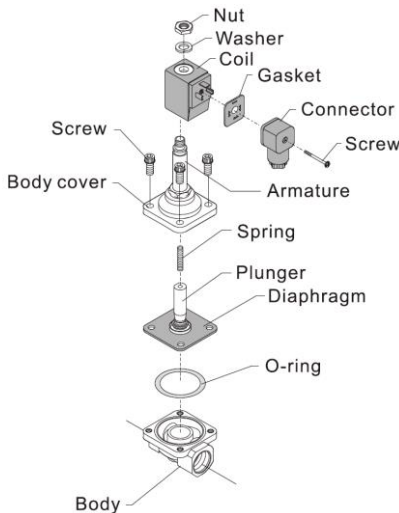
CONSTRUCTION

Body: Brass, Tube and internal parts: Stainless steel
 Seals and gaskets: NBR (Optional EPDM, FKM or HNBR), Nass Magnet Moulded coil: DuroPlast / ThermoSet Resin

REPAIR KIT

Seal kit	ZGPU220 + size code (03-08) + seal material
Coil	Coil size (22003 or 22005) + voltage

OVERALL DIMENSIONS



Model	PU220 03	PU220 04A	PU220 06A	PU220 08A
Port	3/8	1/2	3/4	1
A	66.5	66.5	71.0	96.0
B	101.0	101.0	107.0	120.5
C	48.0	48.0	58.0	70.0
Kg	0.74	0.715	0.945	1.485

