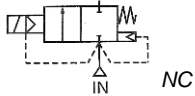


Media: air – water – light oil – 80% vacuum
 Pressure range: 0 to 5 or 0 to 16 Bar max
 Media temperature: -40°C to +150°C max
 Ambient temperature: -20°C to +60°C max
 Media viscosity: 50 centistokes max
 Mounting: coil upright
 Opening / Closing Time: 50 mSec Max



2/2 Brass

3/8 – 1

NORMALLY CLOSED

2 WAY ASSISTED LIFT

0 – 5 or 16 Bar

TYPE PU220®



PRESSURE

Ø Port BSP	Ø Orifice (mm)	Flow Kv Ltr/min	Pressure Rating (Bar)				Seals	Max Media Temp. °C	Part Number	
			Min	DC Coil		AC Coil				
				15 Watt	18.5 Watt	15 Watt				18.5 Watt
3/8	13	35	0	5		8.5	NBR FKM EPDM	80 120 150	PU22003 + voltage PU22003V + voltage PU22003E + voltage	
1/2	13	35	0	5		8.5	NBR FKM EPDM	80 120 150	PU22004A + voltage PU22004AV + voltage PU22004AE + voltage	
3/4	20	72	0	5		8.5	NBR FKM EPDM	80 120 150	PU22006A + voltage PU22006AV + voltage PU22006AE + voltage	
1	25	183	0	5		7	NBR FKM EPDM	80 120 150	PU22008A + voltage PU22008AV + voltage PU22008AE + voltage	
3/8	13	35	0		12		12	NBR FKM EPDM	80 120 150	PU22003 + voltage +18W PU22003V + voltage+18W PU22003E + voltage+18W
1/2	13	35	0		12		12	NBR FKM EPDM	80 120 150	PU22004A + voltage+18W PU22004AV + voltage+18W PU22004AE + voltage+18W
3/4	20	72	0		16		16	NBR FKM EPDM	80 120 150	PU22006A + voltage+18W PU22006AV + voltage+18W PU22006AE + voltage+18W
1	25	183	0		16		16	NBR FKM EPDM	80 120 150	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 EExmIIT4 II 2G & 2D IP65 T130°C (Max ΔP 3 Bar)
 NPT Thread

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 (DC)	22003	23VA	17VA	H 180°C	IP 65 with connector	3 spades DIN 43650A DIN 40050 VDE 0110
~ 24-48-110-240-380 (50/60 Hz)			22005	33VA			
= 12-24-48-110 (DC)		15 Watts					
= 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

Diaphragm seal	22004, 22006 or 22008 + seal material
Coil	Coil size (22003 or 22005) + voltage
Complete plunger assembly	225320 + seal material

OVERALL DIMENSIONS

Model	PU22003	PU22004A	PU22006A	PU22008A
Port R	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

