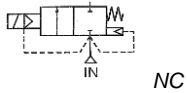


Media: air – water – gas – fluid
 Pressure range: 0.5 to 15 Bar max
 Media temperature: -40°C to +160°C max
 Ambient temp: -20°C to +60°C max
 Media viscosity: 50 centistokes
 Mounting: coil upright
 Opening / Closing: 50 mSec Max



2/2 Brass Flanged

DN10 – DN50

NORMALLY CLOSED

2 WAY SERVO ASSISTED

0.5 – 15 Bar

TYPE PU225F™



PRESSURE

Ø Port PN16	Ø Orifice (mm)	Flow Kv Ltr/ min	Pressure Rating (Bar) ΔP		Max Working	Seals	Max Media Temp. °C	Part Number
			Min	Max				
DN10	13	40	0.5	10	15	NBR	80	PU22503F4 + voltage PU22503F4V + voltage PU22503F4E + voltage
						FKM	130	
						EPDM	160	
DN15	13	40	0.5	10	15	NBR	80	PU22504F4 + voltage PU22504F4V + voltage PU22504F4E + voltage
						FKM	130	
						EPDM	160	
DN20	25	165	0.5	10	15	NBR	80	PU22506F4 + voltage PU22506F4V + voltage PU22506F4E + voltage
						FKM	130	
						EPDM	160	
DN25	25	165	0.5	10	15	NBR	80	PU22508F4 + voltage PU22508F4V + voltage PU22508F4E + voltage
						FKM	130	
						EPDM	160	
DN32	38	367	0.5	10	15	NBR	80	PU22512F4 + voltage PU22512F4V + voltage PU22512F4E + voltage
						FKM	130	
						EPDM	160	
DN40	38	500	0.5	10	15	NBR	80	PU22514F4 + voltage PU22514F4V + voltage PU22514F4E + voltage
						FKM	130	
						EPDM	160	
DN50	50	600	0.5	10	15	NBR	80	PU22520F4 + voltage PU22520F4V + voltage PU22520F4E + voltage
						FKM	130	
						EPDM	160	

OPTIONS

IP65 Coil & Connector PG9 – DIN 43650 A
 ATEX 22003EX Coil: ATEX EExmII T4 II 2G & 2D IP65 T130°C ⚠
 Explosion Proof Enclosure: EExdIICT6 ATEX II 2 G/D IP65 ⚠ (Custom made)
 ANSI150Lb(F3), JIS10K (F) or other flange

Included

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				

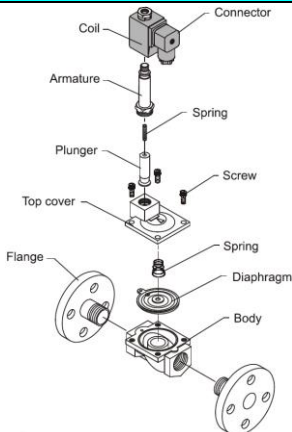
CONSTRUCTION

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

REPAIR KIT

Diaphragm seals	225 + size code (03-20) + material
Coil	22003 + voltage
Complete armature assembly	225320NC + seal material

OVERALL DIMENSIONS



Model	PU225 03F	PU225 04F	PU225 06F	PU225 08F	PU225 12F	PU225 14F	PU225 20F
PN16 Flange	DN10	DN15	DN20	DN25	DN32	DN40	DN50
A	110.0	110.0	120.0	150.0	180.0	180.0	210.0
C	136.0	138.5	157.5	165.5	173.0	182.5	209.5
D	90	95	105	115	140	150	165
PCD	60	65	75	85	100	110	125
Kg	2.13	2.1	2.43	2.41	3.34	3.32	7.55

