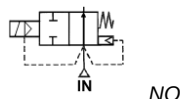


Media: air – water – gas – light oil
 Pressure range: 0.5 to 15 Bar max
 Media temperature: -40°C to +90°C max
 Ambient temperature: -40°C to +60°C
 Media viscosity: 50 centistokes max
 Mounting: coil upright
 Opening / Closing time: 50 mSec Max



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 FKM EPDM	80 120 120	NOPU22503 + voltage NOPU22503V + voltage NOPU22503E + voltage	
1/2	13	40.0	22003	0.5	10	15	NBR FKM EPDM	80 120 120	NOPU22504A + voltage NOPU22504AV + voltage NOPU22504AE + voltage	
3/4	25	165.0	22003	0.5	10	15	NBR FKM EPDM	80 120 120	NOPU22506A + voltage NOPU22506AV + voltage NOPU22506AE + voltage	
1	25	165.0	22003	0.5	10	15	NBR FKM EPDM	80 120 120	NOPU22508A + voltage NOPU22508AV + voltage NOPU22508AE + voltage	
1 1/4	38	367	22003	0.5	10	15	NBR FKM EPDM	80 120 120	NOPU22512A + voltage NOPU22512AV + voltage NOPU22512AE + voltage	
1 1/2	38	500	22003	0.5	10	15	NBR FKM EPDM	80 120 120	NOPU22514A + voltage NOPU22514AV + voltage NOPU22514AE + voltage	
2	50	600	22003	0.5	10	15	NBR FKM EPDM	80 120 120	NOPU22520A + voltage NOPU22520AV + voltage NOPU22520AE + voltage	
2 1/2	65	1050	16W	0.3	10	15	NBR FKM EPDM	80 120 120	NOPU22524A + voltage NOPU22524AV + voltage NOPU22524AE + voltage	
3	75	1380	16W	0.3	10	15	NBR FKM EPDM	80 120 120	NOPU22528A + voltage NOPU22528AV + voltage NOPU22528AE + voltage	

OPTIONS

IP65 Coil & Connector PG9 – DIN 43650 A
 ATEX 22003EX Coil: ATEX EExmIT4 II 2G & 2D IP65 T130°C (21/2 + 3" Custom made)
 NPT Thread (Not available 21/2 + 3")

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 - 220 (DC)		15 Watts				
~	24 - 48 - 110 - 220 - 380 (50/ 60 Hz)	16W	25VA	15VA	F 155°C		
=	12 - 24 - 48 (DC)		16 Watts				

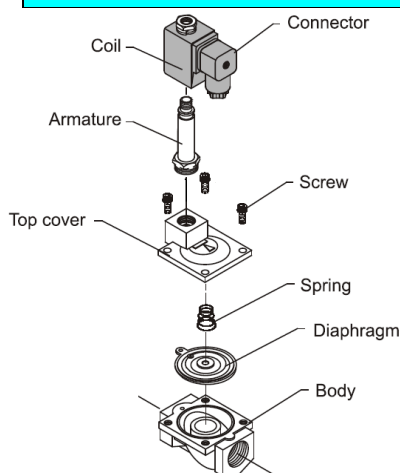
CONSTRUCTION

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

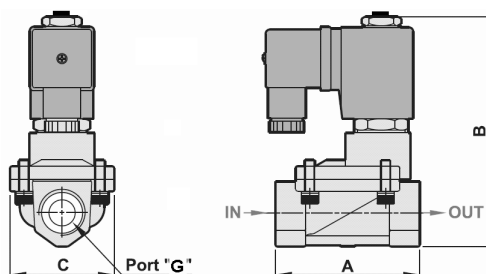
REPAIR KIT

Diaphragm Seal	225 + size code (03-28) + seal material
Coil	Coil size (22003 or 16W) + voltage
Armature assembly (Normally Open)	225320VNO (not 21/2 + 3")

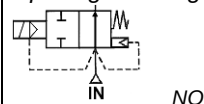
OVERALL DIMENSIONS



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



Media: air – water – gas – light oil
 Pressure range: 0.5 to 25 Bar max
 Media temperature: -10°C +90°C max
 Ambient temperature: -10°C to +60°C
 Media viscosity: 50 centistokes max
 Mounting: coil upright
 Opening / Closing time: 50 mSec Max



2/2 Brass

3/8 – 1"

NORMALLY OPEN

2 WAY SERVO ASSISTED

0.5 – 25 Bar

TYPE NOPU225H®



PRESSURE

Ø Port BSP	Ø Orifice (mm)	Flow	Pressure Rating (Bar) ΔP		Seals	Part Number	
		Kv Ltr/ min	Min	Max			
3/8	8	19.0	0.5	25	NBR	NOPU225HB03 + voltage	
					EPDM	NOPU225HE03 + voltage	
					FKM	NOPU225HV03 + voltage	
1/2	8	19.0	0.5	25	NBR	NOPU225HB04A + voltage	
					EPDM	NOPU225HE04 + voltage	
					FKM	NOPU225HV04 + voltage	
3/4	13	40.0	0.5	25	NBR	NOPU225HB06 + voltage	
					EPDM	NOPU225HE06 + voltage	
					FKM	NOPU225HV06 + voltage	
1	13	40.0	0.5	25	NBR	NOPU225HB08 + voltage	
					EPDM	NOPU225HE08 + voltage	
					FKM	NOPU225HV08 + voltage	

OPTIONS

IP65 PG9 – DIN 43650 A Connector and Coil
 ATEX 22003EX Coil: ATEX EExmIIT4 II 2G & 2D IP65 T130°C (20 Bar Max)
 NPT Thread
 Flange JIS10K ANSI150Lb or PN16

ELECTRICAL DATA

Voltage (-10% + 10%) Continuous duty 100%		Coil	Power Consumption		Insulation class	Enclosure	Electrical connections
			Inrush	Holding			
~	24 – 110 – 240 – 380 (50 or 60 Hz)	22005	33VA	24VA	H 180°C	IP 65 with connector	3 spades DIN 43650A DIN 40050 VDE 0110
=	12 – 24 -110 – 220 (DC)		18.5 Watts				

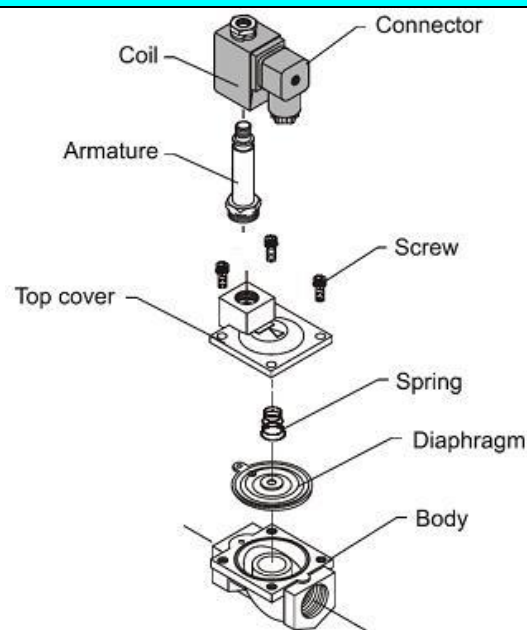
CONSTRUCTION

Body: Forged Brass SS41 (Test Pressure 30 Bar)
 Tube and Internal Parts: Stainless steel
 Diaphragm: Nylon reinforced NBR, FKM or EPDM

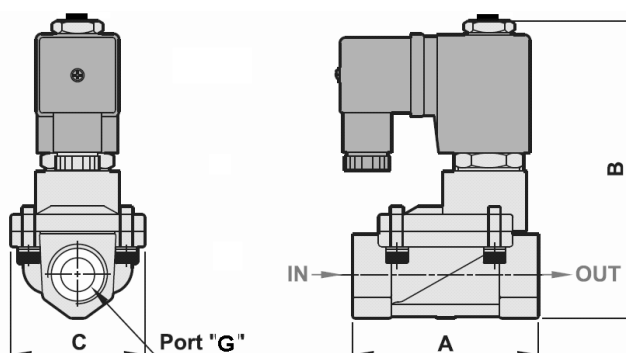
REPAIR KIT

Diaphragm Seal	225H + (size code 03-08) + seal material
Coil	22005 + voltage
Armature assembly	0543-83.6-00

OVERALL DIMENSIONS



Model	PU225H03	PU225H04	PU225H06	PU225H08
Port	3/8	1/2	3/4	1
A	66.5	66.5	96.0	96.0
B	106.5	106.5	126.5	126.5
C	48	48	70	70
Kg	0.775	0.755	1.55	1500



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