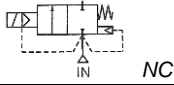


Media: air – water – light oil - steam  
 Pressure range: 0.5 to 15 Bar max  
 Media temperature: -40°C to +180°C Max  
 Ambient temperature: -20°C to +60°C  
 Media viscosity: 50 centistokes max  
 Mounting: coil upright  
 Opening / Closing time: 500 mSec Max



# 2/2 Steam

## 1 1/4 – 2

### NORMALLY CLOSED

### 2 WAY SERVO ASSISTED

### 0.5 – 15 Bar

## TYPE PU22512-20S®



#### PRESSURE

Ø Port BSP	Ø Orifice (mm)	Flow Kv Ltr/ min	Pressure Rating (Bar) ΔP			Part Number
			Min	Max Gas/Liquid	Max Steam	
1 1/4	40	498	0.5	15	10	PU22512S + voltage
1 1/2	40	542	0.5	15	10	PU22514S + voltage
2	50	888	0.5	15	10	PU22520S + voltage

#### OPTIONS

IP65 Coil & Connector PG9 – DIN 43650 A  
 ATEX 22003EX Coil: ATEX EExmII T4 II 2G & 2D IP65 T130°C   
 NPT Thread

#### ELECTRICAL DATA

Voltage (-10% + 10%) Duty rating 90%	Nass 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 43650 DIN 40050 VDE 0110
= 12-24-48-110-220 (DC)		15 Watts				

#### CONSTRUCTION

Body: Die Cast Brass  
 Tube, Piston and internal parts: Stainless steel  
 Seals and gaskets: PTFE with 5% Graphite and 20% Glass Fibre  
 Moulded coil: Duroplast / Thermo set resin  
 Test Pressure: 30 Bar

#### REPAIR KIT

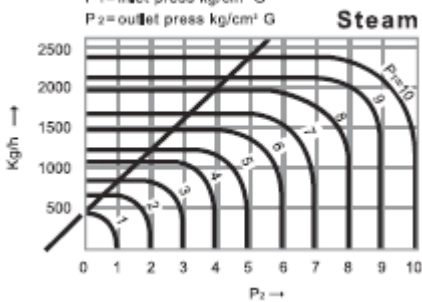
Coil	22003 + Voltage
Complete plunger + O' rings	225320VPTFE
Piston	SP + Valve Part Number -PISTON

#### OVERALL DIMENSIONS

Port	A	B	C	Kg
1 1/4	131.5	161.5	96	3.49
1 1/2	131.5	161.5	96	3.45
2	160	174.3	112	4.66

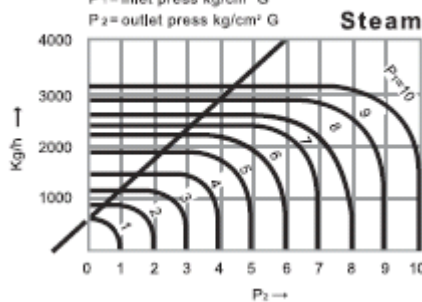
**PU22512S**

P<sub>1</sub> = inlet press kg/cm<sup>2</sup> G  
 P<sub>2</sub> = outlet press kg/cm<sup>2</sup> G



**PU22514S**

P<sub>1</sub> = inlet press kg/cm<sup>2</sup> G  
 P<sub>2</sub> = outlet press kg/cm<sup>2</sup> G



**PU22520S**

P<sub>1</sub> = inlet press kg/cm<sup>2</sup> G  
 P<sub>2</sub> = outlet press kg/cm<sup>2</sup> G

