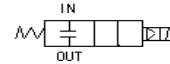


# PNEUMATRON

www.pneumatron.co.za

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## 2/2 Industrial Piston Pilot Operated Solenoid Valve PLA23 Series, Air/Chemicals (N.O)



- Characteristics:**
1. Pilot operated piston construction with lower power consumption
  2. Seal serves longtime at steam ambient;
  3. Used for long-time working in pipeline system.

**Medium:** Air Gas, Water & Light oil ≤ 20 CST  
**Temperature:** **VITON:** -10°C to 130°C (with suitable coil ventilation)  
**Pressure:** 0.5 - 10 Bar (1/2", 3/4" & 1") 0.5 - 6 Bar (1 1/2" & 2")  
**Body:** Stainless Steel SS304  
**Port Size (BSP):** 1/2", 3/4", 1", 1 1/2", 2"  
**Orifice:** 15mm, 20mm, 25mm, 40mm, 50mm  
**Coil voltages:** 220VAC, 110VAC, 24VDC, 12VDC  
**Coils:** Standard Coil Resin Encapsulated, IP65 100%ED (C14/15)  
 See coil power rating in table below



**Material:**

Body: Stainless Steel 304  
 Seal: PTFE (Teflon)  
 Pilot Seat: VITON  
 Armature Tube: Stainless Steel 304  
 Plunger: Stainless Steel 430F  
 Springs: SS304  
 Shading Rings: Stainless Steel 304

**PLA23 Series - Normally Open, with Coil**

Pipe	Orifice (mm)	KV	Seal	Body material	Min Pressure (Bar)	Max pressure (Bar)						Max Temp (°C)	Power consumption		Valve part number	
						Air & Gas		Liquids		Light oil			Standard coil	Standard coil		
						AC	DC	AC	DC	AC	DC			VA (AC)		W (DC)
1/2"	15	3.89	PTFE	SS304	0.5	10	10	10	10	10	10	110	33	20	PLA23SH15S04PT	
3/4"	20	7.79			0.5	10	10	10	10	10	10				10	PLA23SH20S06PT
1"	25	11.25	&	VITON	0.5	10	10	10	10	10	10	110	33	20	PLA23SH25S10PT	
1 1/2"	35	22.49	0.5		6	6	6	6	6	6	6				PLA23SH40S14PT	
2"	45	41.52	0.5		6	6	6	6	6	6	6				PLA23SH50S20PT	

**Coil Specifications**

Coil Type	Voltage	Inrush (50HZ VA)	Holding (50HZ VA)	Watt (DC)
C14	AC220V	82	20	
C15		55	24	
C14	AC110V	82	28	
C15		55	24	
C14	DC24V			20
C15				28
C14	DC12V			20
C15				28.5

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BODY DIMENSION CODE(Size in mm)			Valve Body
A	B	C	
75	52	147	PLA23SH15S04PT
85	60	159	PLA23SH20S06PT
100	70	166	PLA23SH25S10PT
120	90	186	PLA23SH40S14PT
150	110	205	PLA23SH50S20PT

