

# PNEUMATRON

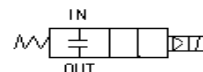
[www.pneumatron.co.za](http://www.pneumatron.co.za)

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## 2/2 Industrial Solenoid Valve PDS22 SS316 Series, Diaphragm Pilot Operated (N.C)

- Characteristics:**
1. Pilot operated diaphragm construction with power, consumption for longtime
  2. Applied to pressure system opened from 0.3 bars
  3. Lifespan can be at 1 million cycles

**Medium:** Air Gas, Water & Light oil ≤ 20 CST  
**Temperature:** VITON: -10°C to 140°C  
**Pressure:** Water & air: 0.5 to 16 Bar  
 Light oil ≤ 20CST: 0.5 to 13 Bar  
**Body:** Stainless Steel SUS316  
**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:** IP65, 100%ED



**Material:**

Body: SS316  
 Seal: VITON  
 Armature Tube: Stainless Steel 304  
 Plunger: Stainless Steel 430F  
 Springs: SS304  
 Shading Rings: SS304

**PDS22 SS316 Series - Normally Closed, with Coil**

Port Size	Orifice (mm)	KV	Min Pressure	Max Pressure		Seals Material	Body Material	Valve No:	Coil
				AC(22VA)	DC(13W)				
1/2"	13	3.89	0.5 Bar	16Bar	16Bar	VITON	SS316	PDS22SH15S04V	C13
3/4"	20	6.57	0.5 Bar	16Bar	16Bar			PDS22SH20S06V	C13
1"	25	10.38	0.5 Bar	16Bar	16Bar			PDS22SH25S10V	C13
1 1/2"	40	25.95	0.5 Bar	16Bar	16Bar			PDS22SH40S14V	C13
2"	50	41.52	0.5 Bar	16Bar	16Bar			PDS22SH50S20V	C13

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### Coil Specifications

Voltage	Inrush (50HZ VA)	Holding (50HZ VA)	Watt (DC)
AC220V	55	22	
AC110V	55	22	
AC24V	45	18	
DC24V			13
DC12V			13

BODY DIMENSION CODE(Size in mm)			Valve Body
A	B	H	
67	48	108	PDS22SH15S04V
75	58	115	PDS22SH20S06V
96	70	125	PDS22SH25S10V
130	96	145	PDS22SH40S14V
165	121	165	PDS22SH50S20V

