

PNEUMATRON

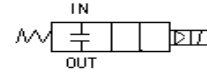
www.pneumatron.co.za

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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	4.5	0.5 Bar	16Bar	16Bar	VITON	SS316	PDS22SH15S04V	C13
3/4"	20	7.6	0.5 Bar	16Bar	16Bar			PDS22SH20S06V	C13
1"	25	12	0.5 Bar	16Bar	16Bar			PDS22SH25S10V	C13
1 1/2"	40	30	0.5 Bar	16Bar	16Bar			PDS22SH40S14V	C13
2"	50	48	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

