

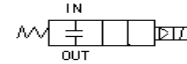
PNEUMATRON

www.pneumatron.co.za

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2/2 Industrial Solenoid Valve PDS22 Brass 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 \leq 20 CST
Temperature: VITON: -10°C to 130°C
Pressure: Water & air: 0.5 to 16 Bar
 Light oil \leq 20CST: 0.5 to 13 Bar
Body: Brass
Port Size (BSP): 1/2", 3/4", 1", 1 1/4", 1 1/2", 2"
Orifice: 15mm, 20mm, 25mm, 32mm, 40mm, 50mm
Coil voltages: 220VAC, 110VAC, 24VDC, 12VDC
Coils: IP65, 100%ED



- Material:**
 Body material: Brass
 Seal material: VITON
 Armature Tube: Stainless Steel 304
 Plunger: Stainless Steel 430F
 Springs: SS304
 Shading Rings: SS304

PDS22 Brass 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	Brass	PDS22BH15S04V	C13
3/4"	20	6.57	0.5 Bar	16Bar	16Bar			PDS22BH20S06V	C13
1"	25	10.38	0.5 Bar	16Bar	16Bar			PDS22BH25S10V	C13
1 1/4"	35	19.03	0.5 Bar	16Bar	16Bar			PDS22BH32S12V	C13
1 1/2"	40	25.95	0.5 Bar	16Bar	16Bar			PDS22BH40S14V	C13
2"	50	41.52	0.5 Bar	16Bar	16Bar			PDS22BH50S20V	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	107	PDS22BH15S04V
75	58	113	PDS22BH20S06V
96	71	125	PDS22BH25S10V
131	96	145	PDS22BH32S12V
131	96	145	PDS22BH40S14V
165	120	155	PDS22BH50S20V

