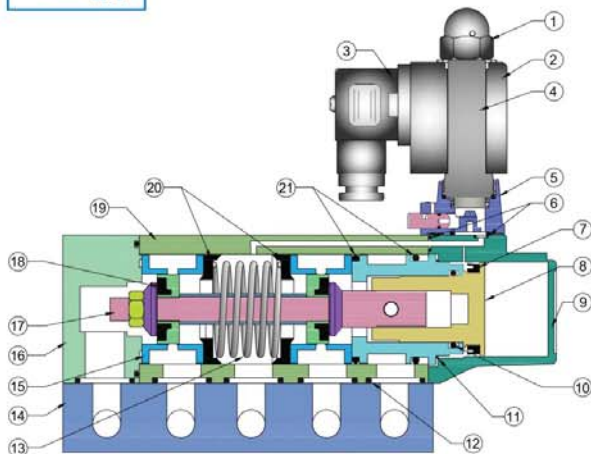


5/2 Way Poppet Type Single Solenoid Valve



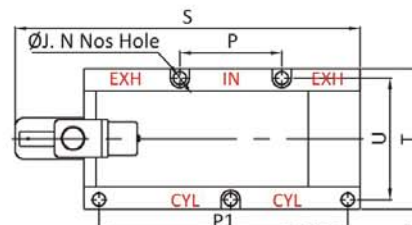
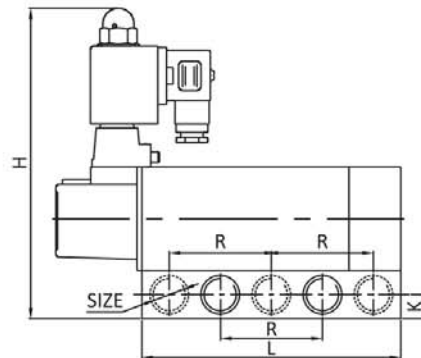
No.	Part Name	Material
1	Cap Nut	Steel Nickle Plated
2	Coil	Standard
3	Connector	Standard
4	Armature Assembly	Standard Steel
5	Armature Jet Body	Zinc Pressure Die Cast
6	'O' Ring (Pilot)	Hi - Nitrile
7	'V' Seal	Hi - Nitrile
8	Poppet Piston	Aluminum
9	Top Cover	Zink Pressure Die Cast
10	'O' Ring (Piston)	Hi - Nitrile
11	Gasket	Hi - Nitrile
12	'O' Ring (Base Plate)	Hi - Nitrile
13	Spring	Spring Steel
14	Base Plate	Aluminum Pressure Die Cast
15	Cage	Aluminum
16	End Cover	Aluminum
17	Spool	Standard Steel
18	Inlet Seal	Hi - Nitrile
19	Body	Aluminum
20	Inlet Seal	Hi - Nitrile
21	'O' Ring Retainer	Hi - Nitrile

Features

- ▶▶ Poppet type Heavy duty Valve
- ▶▶ Suitable for Loading & Unloading Application
- ▶▶ High Flow Volume
- ▶▶ Fast Action
- ▶▶ Coil - Continuous duty low power consumption, CIMFR & CE Approved.
- ▶▶ Superior High Grade Seals
- ▶▶ Simple design easy to maintenance
- ▶▶ Manual Operator Push, Rotate & Lockable type.

Technical Specification

Model	PPTS-52-0	PPTS-52-1	PPTS-52-2	PPT-52-2	PPT-52-3	PPT-52-4
Size	1/4"	3/8"	1/2"	1/2"	3/4"	1"
Orifice	6	10	10	12	19	25
Design	Poppet type, Internal Pilot Operated (External Pilot On Request)					
Pressure	2.5 to 10 Kg/cm ²					
Temperature	80 °C					
Leakage	Bubble Tight					
Duty Cycle	Continuous Rated					
Protection	IP 65 [Flameproof / Explosion Proof As Per IS / IEC 60079 - 1 Standard Approved by Central Institute of Mining and Fuel Research (CIMFR)]					
Connector	DIN 43650 A					
Response Time	15 msec ON / 25 msec OFF					
Coil Voltage	12V, 24V, 48V, 110V, 230V, (AC / DC) 50 / 60 Hz (Non Std. Voltage Available On Request)					
Media	Compressed Air (Filtered & Lubricated)					
Flow (NLPM) at 5 BAR	1300	1700	2500	3600	8000	11300
Weight (Kg)	1.560	1.530	1.500	2.810	2.750	2.920



Dimensions :

(All Dimensions are in mm)

MODEL	SIZE	BASIC	H	L	K	T	R	U	P	P1	S	ØJ	N
PPTS-52-0	1/4"	3/8"	165	103	13	76	37	64	41	84	140	6	4
PPTS-52-1	3/8"	3/8"	165	103	13	76	37	64	41	84	140	6	4
PPTS-52-2	1/2"	3/8"	165	103	13	76	37	64	41	84	140	6	4
PPT-52-2	1/2"	3/4"	185	152	18	95	60	86	63	----	200	7	3
PPT-52-3	3/4"	3/4"	185	152	18	95	60	86	63	----	200	7	3
PPT-52-4	1"	3/4"	195	152	22.5	95	60	79	63	----	200	7	3