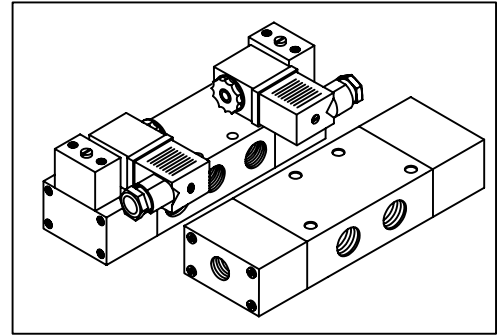


G1/4 - 5/3 Solenoid & Pilot Operated High Flow Valve

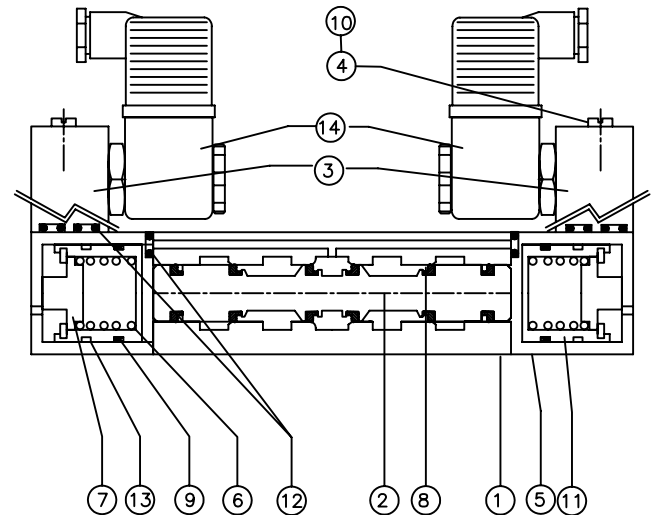
- Streamlined construction.
- Compact dynamic seal design results in higher flow passages.
- Central position is provided with three options of Neutral,
- Positive & Negative to build appropriate logic circuit.
- Suitable for holding of double acting cylinder within its stroke range.



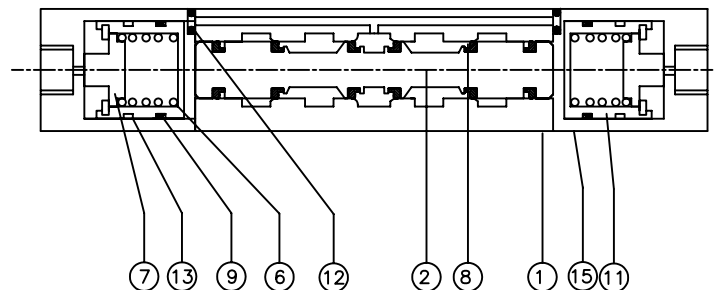
PART LIST

NO.	DESCRIPTION	QTY.	
		Solenoid	Pilot
1	Valve body	1	1
2	Spool	1	1
3	Solenoid housing	2	-
4	Manual override pin	2	-
5	Intermediate housing	2	-
6	Spring	2	2
7	Spring Guide	2	2
8	Spool seal	6	6
9	Piston U cup	2	2
10	M. O. 'O' ring	2	-
11	Piston	2	2
12	Solenoid hsg. O Ring	8	4
13	Piston wear ring	2	2
14	Coil with plug in connector	2	-
15	Pilot housing	-	2

Seal kit consists of items (2+ 8), 9, 10, 12 & 13



5/3 DOUBLE SOLENOID VALVE

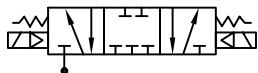


5/3 DOUBLE PILOT VALVE

COIL SPECIFICATION

TYPE	Valve with G25 coil		
Tube Assy. Construction	SS plunger with NBR seals, SS magnet core assembled with brass adaptor		
Coil Voltages	AC: 24,48,110, 240 V 50 Hz (Other voltages on request)		
	DC: 12,24,48 V	AC: 12 V 50 Hz	DC: 110 V)
Voltage Range	± 10%		
Power Consumption	AC: Pull:7.5 VA, Hold: 5 VA		
	DC: 3 WATT		
Duty cycle	100%		
Class of Insulation	F (Winding wire of class 'H' Insulation)		
Degree of Protection	IP 65 – IS 2147		
Cable Connector	DIN 43650 –PG. 9		

G 1/4 5/3 DOUBLE SOLENOID VALVE



Neutral: All ports blocked in non- actuated position

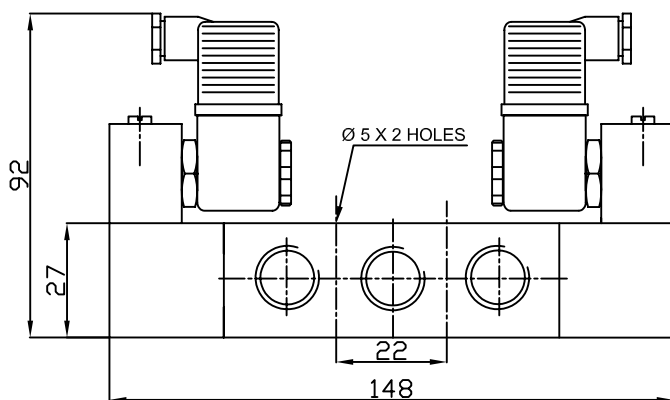


Negative: Cylinder air exhausted in non-actuated position.



Positive: Inlet air connected to both cylinder ports in non-actuated position.

WIDTH OF THE VALVE IS 42 mm



PART NOS.

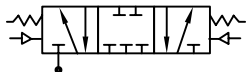
Type	Part No.
G1/4 5/3 Double Solenoid Valve	A43024*
Seal Kit for 5/3 Double Solenoid Valve	SK43024*

* - Add appropriate suffix of X-Neutral, Y- Negative, Z- Positive

SPECIFICATION

Medium	Compressed Air, Filtered
Design	Spool Type With Air Spring return
Working Pressure	1.8 – 10 kg/sq.cm.
Ambient/Fluid Temp.	–10 °C to 55 °C
Cv(Nominal Flow)	1.3 (1300 lit/min.)
Response Time at 5 Bar	ON Time:–10 m.s. OFF Time:– 30 m.s.
Manual Override	Screw Type, Detent
Optional Features	PIC with Light Indicator External Pilot Actuation
Materials	Body,Spool :- Aluminium Seals:– NBR

G 1/4 5/3 DOUBLE PILOT VALVE



Neutral: All ports blocked in non- actuated position

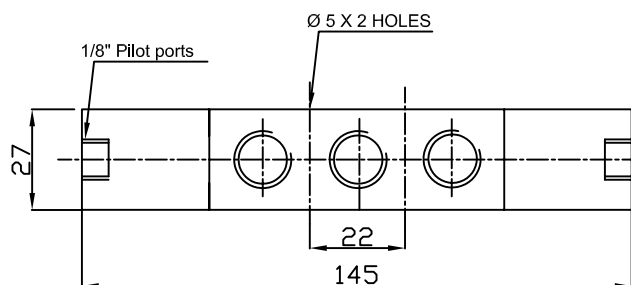


Negative: Cylinder air exhausted in non-actuated position.



Positive: Inlet air connected to both cylinder ports in non-actuated position.

WIDTH OF THE VALVE IS 42 mm



PART NOS.

Type	Part No.
G 1/4 5/3 Double Pilot Valve	43004PP*
Seal Kit for 5/3 Double Pilot Valve	SK43004PP*

* - Add appropriate suffix of X-Neutral, Y- Negative, Z- Positive

SPECIFICATION

Medium	Compressed Air, Filtered
Design	Spool Type With Air Spring return
Working Pressure	1.8 – 10 kg/sq.cm.
Ambient/Fluid Temp.	–10 °C to 55 °C
Cv(Nominal Flow)	1.3 (1300 lit/min.)
Response Time at 5 Bar	ON Time:–10 m.s. OFF Time:– 30 m.s.
Manual Override	Screw Type, Detent
Optional Features	PIC with Light Indicator External Pilot Actuation
Materials	Body,Spool :- Aluminium Seals:– NBR

Sold by : Sealing System Corporation. Mona Sadan. L.N.Road. Baroda – 390 001. India. Ph :0265-2422689. Fax : 0265-2422689. E-mail: sealsys@eth.net

Due to constant process of design improvements, dimensions may change without notice.