

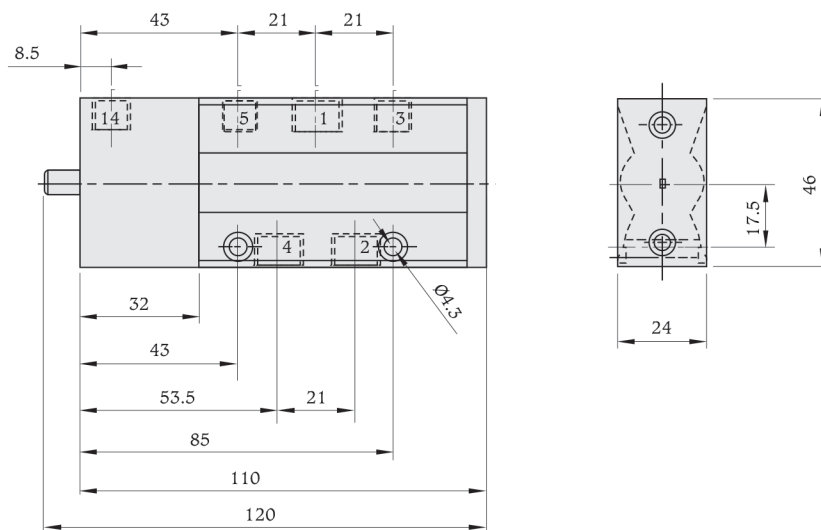
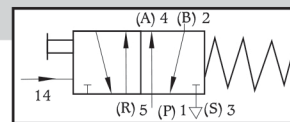
Pilot Operated Valve



Model SP-5/2-2-P .

5 Port 2 position single pilot spool valve

Basic Dimensions



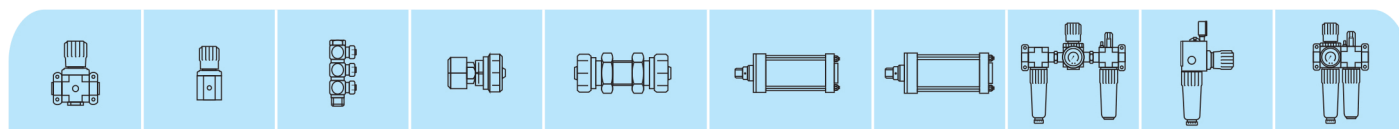
1	= Supply port	- 1/4" BSP
4, 2	= Working or outlet lines	- 1/4" BSP
5, 3	= Exhaust port	- 1/8" BSP
14, 12	= Pilot port	- 1/8" BSP

Technical Specifications

Feature	Value
Type	SP-5/2-2-P
Port size	IN/OUT-1/4"BSP, EXHAUST-1/8"BSP, Pilot - 1/8"BSP
Acting	External piloted spring return
Orifice size	6 mm
Medium	Compressed air (Filtered & lubricated)
Operating pressure min.	2 kg/cm ²
Operating pressure max.	10 kg/cm ²
Minimum temperature of medium	-10°C
Maximum temperature of medium	60°C
Nominal flow rate	1000 LPM (6 kg/cm ² input pressure & output open)
Type of mounting	Screw
Manual override	Yes
Material	Aluminium, Steel, Nitrile, Delrin

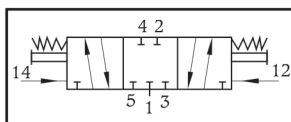
All dimensions in mm unless otherwise specified

Note : Subject to change without prior notice

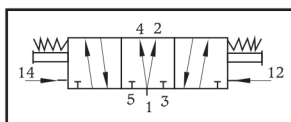


Simplifying technology, redefining value.

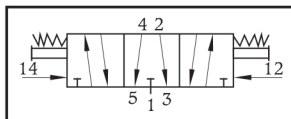
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Model SP-5/3-4-DP (NTR-SBM).
5 Port 3 position double pilot neutral position spool valve

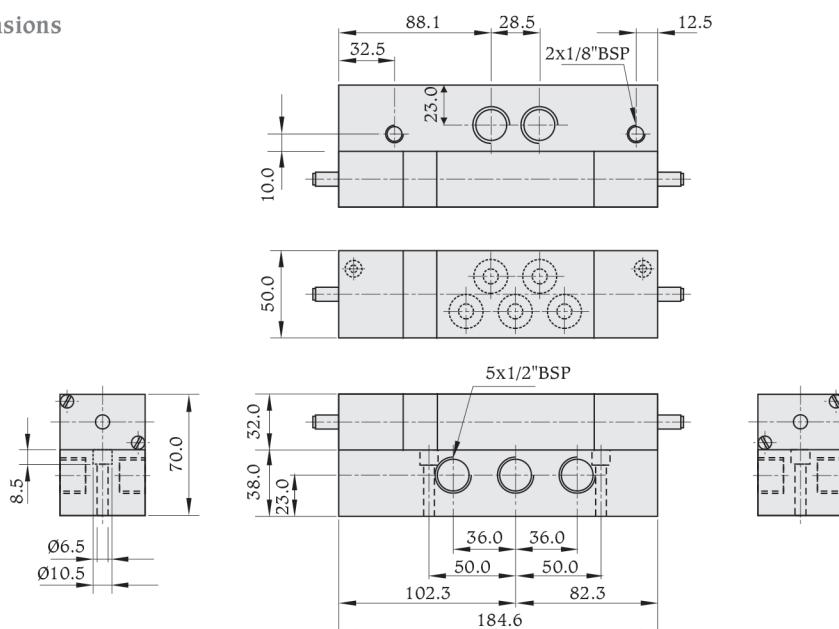


Model SP-5/3-4-DP (POS-SBM).
5 Port 3 position double pilot positive position spool valve



Model SP-5/3-4-DP (NEG-SBM).
5 Port 3 position double pilot negative position spool valve

Basic Dimensions

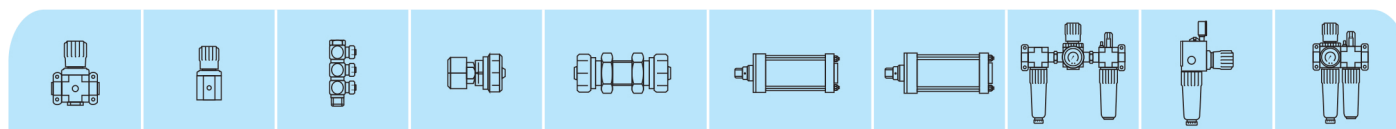


Technical Specifications

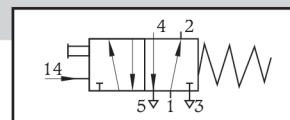
Feature	Value		
Type	SP-5/3-4-DP (NTR-SBM)	SP-5/3-4-DP (POS-SBM)	SP-5/3-4-DP (NEG-SBM)
Port size	IN/OUT- 1/2" BSP, EXHAUST- 1/2" BSP, PILOT- 1/8" BSP		
Acting	External Pilot		
Orifice size	55 sq.mm		
Medium	Compressed air (Filtered & lubricated)		
Pilot pressure range	2.5 - 10 kg/sq.cm		
Operating pressure range	0 to 10 kg/sq.cm		
Minimum temperature of medium	-10°C		
Maximum temperature of medium	60°C		
Nominal flow rate	2000 LPM (6 kg/sq.cm input pressure & output open)		
Type of mounting	Screw		
Manual override	Yes		
Material	Aluminium, Steel, Nitrile, Delrin		

All dimensions in mm unless otherwise specified

Note : Subject to change without prior notice

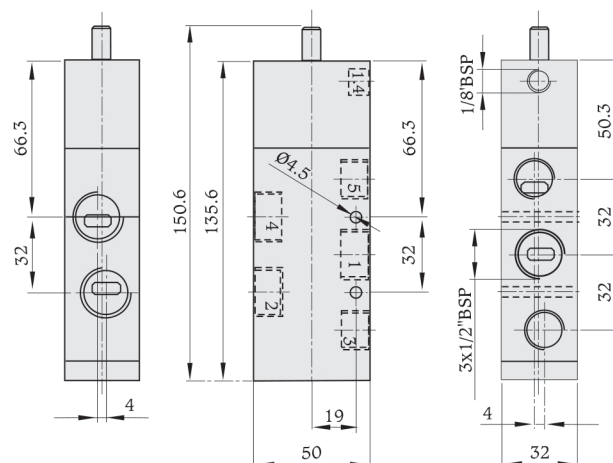


Pilot Operated Valve



Model SP-5/2-4-P
5 Port 2 position single pilot spool valve

Basic Dimensions



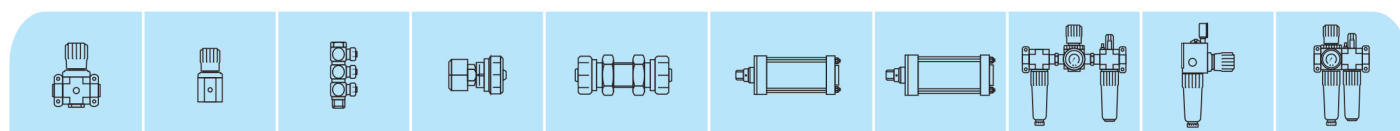
1	= Supply port	- 1/2" BSP
4, 2	= Working or outlet lines	- 1/2" BSP
5, 3	= Exhaust port	- 3/8" BSP
12, 14	= Pilot port	- 1/8" BSP

Technical Specifications

Feature	Value
Type	SP-5/2-4-P
Port size	IN/OUT-1/2"BSP, EXHAUST- 3/8"BSP, PILOT- 1/8"BSP
Acting	External Pilot
Orifice size	55 sq.mm
Medium	Compressed air (Filtered & lubricated)
Pilot pressure range	2.5 to 10 kg/sq.cm
Operating pressure range	0 to 10 kg/sq.cm
Minimum temperature of medium	-10°C
Maximum temperature of medium	60°C
Nominal flow rate	2500 LPM (6 kg/cm input pressure & output open)
Type of mounting	Screw
Manual override	Yes
Material	Aluminium, Steel, Nitrile, Delrin, Brass

All dimensions in mm unless otherwise specified

Note : Subject to change without prior notice



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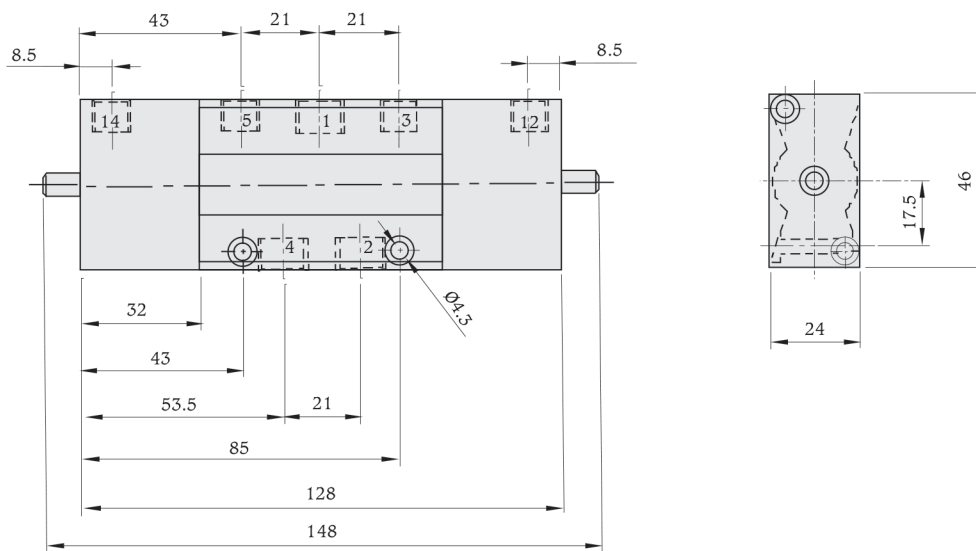
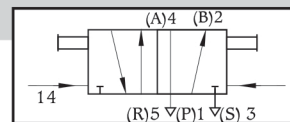
Pilot Operated Valve



Model SP-5/2-2-DP

5 Port 2 position double pilot spool valve

Basic Dimensions



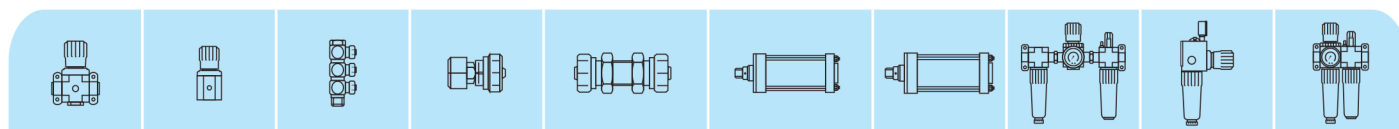
1	= Supply port	- 1/4" BSP
4, 2	= Working or outlet lines	- 1/4" BSP
5, 3	= Exhaust port	- 1/8" BSP
14, 12	= Pilot port	- 1/8" BSP

Technical Specifications

Feature	Value
Type	SP-5/2-2-DP
Port size	IN/OUT-1/4" BSP, EXHAUST- 1/8" BSP, PILOT- 1/8" BSP
Acting	External piloted
Orifice size	6 mm
Medium	Compressed air (Filtered & lubricated)
Operating pressure min.	2 kg/cm ²
Operating pressure max.	10 kg/cm ²
Minimum temperature of medium	-10°C
Maximum temperature of medium	60°C
Nominal flow rate	1000 LPM (6 kg/cm ² input pressure & output open)
Type of mounting	Screw
Manual override	Yes
Material	Aluminium, Steel, Nitrile, Delrin

All dimensions in mm unless otherwise specified

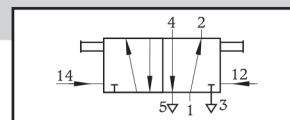
Note : Subject to change without prior notice



Simplifying technology, redefining value.

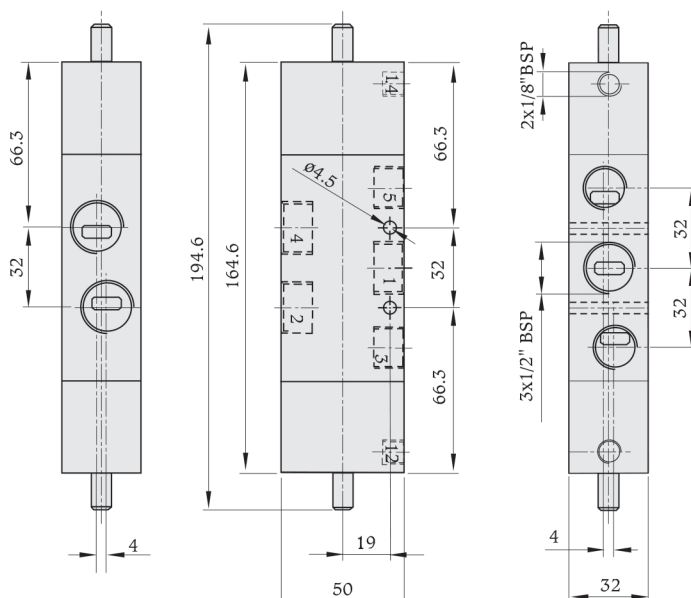
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Pilot Operated Valve



Model SP-5/2-4-DP
5 Port 2 position double pilot spool valve

Basic Dimensions



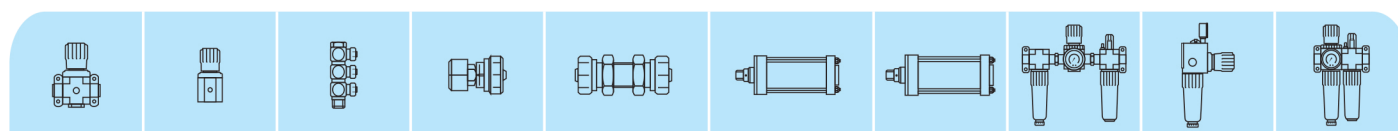
1	= Supply port	- 1/2"BSP
4, 2	= Working or outlet lines	- 1/2"BSP
5, 3	= Exhaust port	- 3/8"BSP
12, 14	= Pilot port	- 1/8"BSP

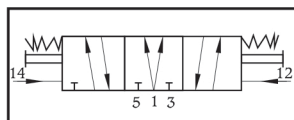
Technical Specifications

Feature	Value
Type	SP-5/2-4-DP
Port size	IN/OUT-1/2"BSP, EXHAUST- 3/8"BSP, PILOT- 1/8"BSP
Acting	External Pilot
Orifice size	55 sq.mm
Medium	Compressed air (Filtered & lubricated)
Pilot pressure range	2.5 to 10 kg/sq.cm
Operating pressure range	0 to 10 kg/sq.cm
Minimum temperature of medium	-10°C
Maximum temperature of medium	60°C
Nominal flow rate	2500 LPM (6 kg/sq.cm input pressure & output open)
Type of mounting	Screw
Manual override	Yes
Material	Aluminium, Steel, Nitrile, Delrin, Brass

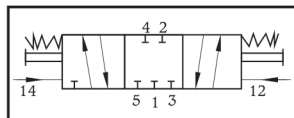
All dimensions in mm unless otherwise specified

Note : Subject to change without prior notice

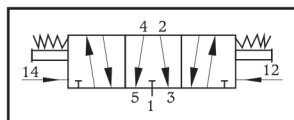




Model SP-5/3-2-DP (POS)
5 Port 3 position double pilot positive position spool valve

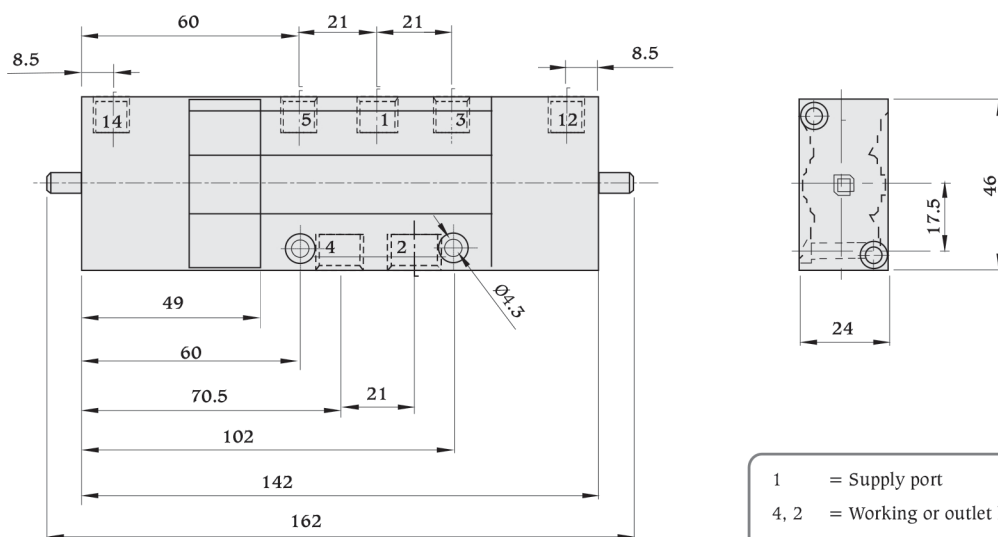


Model SP-5/3-2-DP (NTR)
5 Port 3 position double pilot spool valve (neutral position)



Model SP-5/3-2-DP (NEG)
5 Port 3 position double pilot negative position spool valve

Basic Dimensions



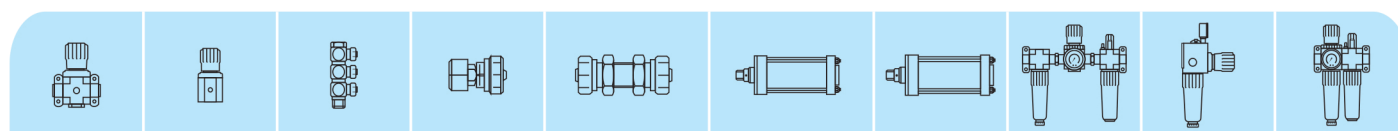
- | | | |
|--------|---------------------------|-----------|
| 1 | = Supply port | - 1/4"BSP |
| 4, 2 | = Working or outlet lines | - 1/4"BSP |
| 5, 3 | = Exhaust port | - 1/8"BSP |
| 14, 12 | = Pilot port | - 1/8"BSP |

Technical Specifications

Feature	Value		
Type	SP-5/3-2-DP (POS)	SP-5/3-2-DP (NTR)	SP-5/3-2-DP (NEG)
Port size	IN/OUT-1/4"BSP, EXHAUST- 1/8"BSP, PILOT- 1/8"BSP		
Acting	External piloted		
Orifice size	6 mm		
Medium	Compressed air (Filtered & lubricated)		
Operating pressure min.	2 kg/cm ²		
Operating pressure max.	10 kg/cm ²		
Minimum temperature of medium	-10°C		
Maximum temperature of medium	60°C		
Nominal flow rate	1000 LPM (6 kg/cm ² input pressure & output open)		
Type of mounting	Screw		
Manual override	Yes		
Material	Aluminium, Steel, Nitrile, Delrin		

All dimensions in mm unless otherwise specified

Note : Subject to change without prior notice



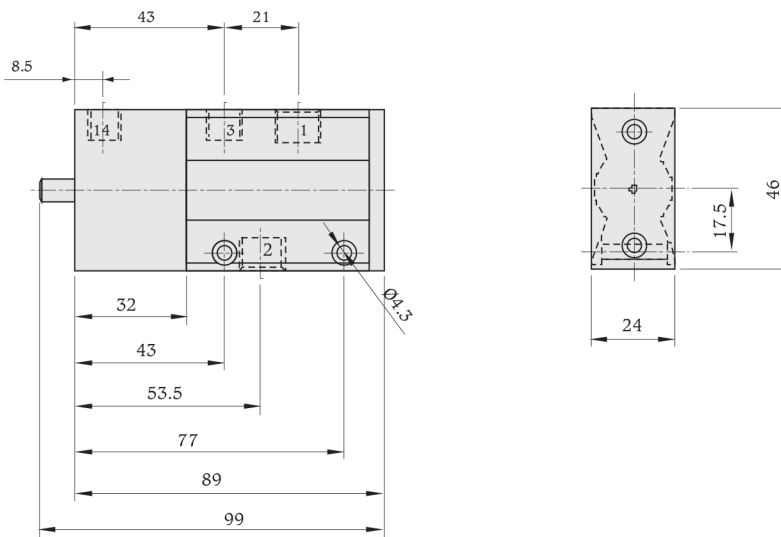
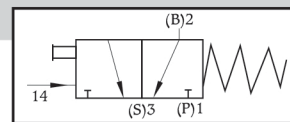
Pilot Operated Valve



Model SP-3/2-2-P

3 Port 2 position single pilot spool valve

Basic Dimensions



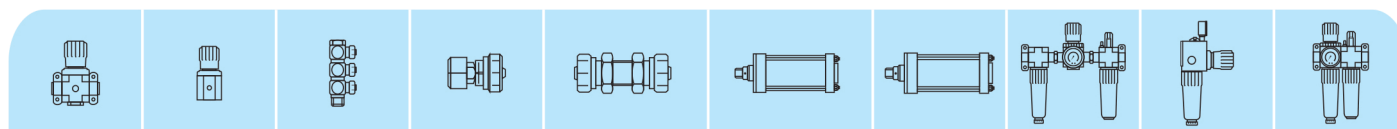
1	= Supply port	- 1/4"BSP
4, 2	= Working or outlet lines	- 1/4"BSP
5, 3	= Exhaust port	- 1/8"BSP
14, 12	= Pilot port	- 1/8"BSP

Technical Specifications

Feature	Value
Type	SP-3/2-2-P
Port size	IN/OUT-1/4"BSP, EXHAUST- 1/8"BSP, PILOT- 1/8"BSP
Acting	External piloted spring return
Orifice size	6 mm
Medium	Compressed air (Filtered & lubricated)
Operating pressure min.	2 kg/cm ²
Operating pressure max.	10 kg/cm ²
Minimum temperature of medium	-10°C
Maximum temperature of medium	60°C
Nominal flow rate	1000 LPM (6 kg/cm ² input pressure & output open)
Type of mounting	Screw
Manual override	Yes
Material	Aluminium, Steel, Nitrile, Delrin

All dimensions in mm unless otherwise specified

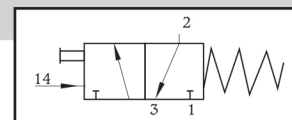
Note : Subject to change without prior notice



Simplifying technology, redefining value.

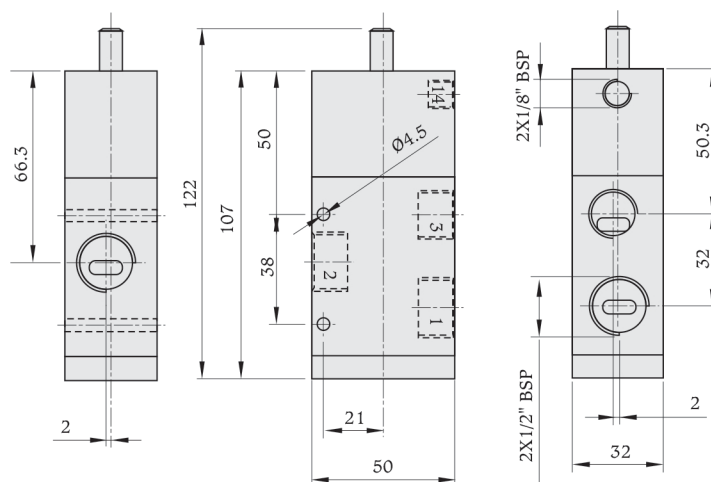
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Pilot Operated Valve



Model SP-3/2-4-P
3 Port 2 position single pilot spring return spool valve

Basic Dimensions



1	= Supply port	- 1/2" BSP
4, 2	= Working or outlet lines	- 1/2" BSP
5, 3	= Exhaust port	- 3/8" BSP
12, 14	= Pilot port	- 1/8" BSP

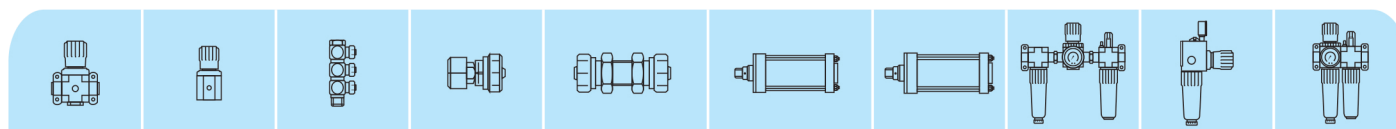
Technical Specifications

Feature	Value
Type	SP-3/2-4-P
Port size	IN/OUT-1/2" BSP, EXHAUST- 3/8" BSP, PILOT- 1/8" BSP
Acting	External Pilot
Orifice size	55 sq. mm
Medium	Compressed air (Filtered & lubricated)
Pilot pressure range	2.5 to 10 kg/sq.cm
Operating pressure range	0 to 10 kg/sq.cm
Minimum temperature of medium	-10°C
Maximum temperature of medium	60°C
Nominal flow rate	2500 LPM (6 kg/sq.cm input pressure & output open)
Type of mounting	Screw
Manual override	Yes
Material	Aluminium, Steel, Nitrile, Delrin, Brass

Note - Normally open can be supplied on request.

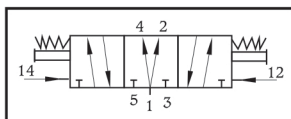
All dimensions in mm unless otherwise specified

Note : Subject to change without prior notice

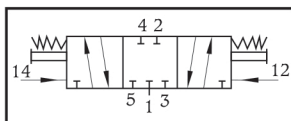


Simplifying technology, redefining value.

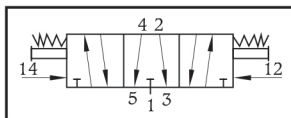
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Model SP-5/3-2-DP (POS-SBM).
5 Port 3 position double pilot positive position spool valve

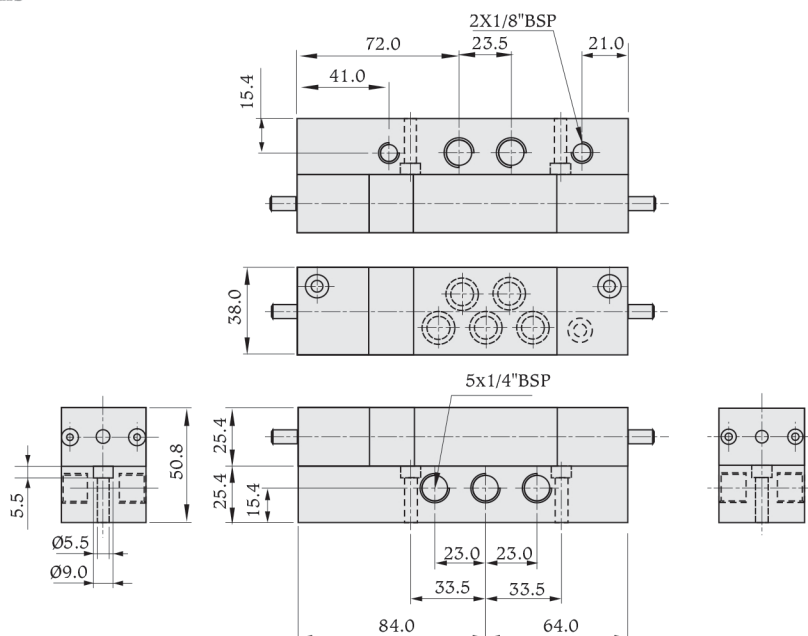


Model SP-5/3-2-DP (NTR-SBM).
5 Port 3 position double pilot neutral position spool valve



Model SP-5/3-2-DP (NEG-SBM).
5 Port 3 position double pilot negative position spool valve

Basic Dimensions



Technical Specifications

Feature	Value		
Type	SP-5/3-2-DP (NTR-SBM)	SP-5/3-2-DP (POS-SBM)	SP-5/3-2-DP (NEG-SBM)
Port size	IN/OUT-1/4\"BSP, EXHAUST- 1/4\"BSP, PILOT- 1/8\"BSP		
Acting	External Pilot		
Orifice size	28 sq.mm		
Medium	Compressed air (Filtered & lubricated)		
Pilot pressure range	2 - 10 kg/sq.cm		
Operating pressure range	2 - 10 kg/sq.cm		
Minimum temperature of medium	-10°C		
Maximum temperature of medium	60°C		
Nominal flow rate	1000 LPM (6 kg/sq.cm input pressure & output open)		
Type of mounting	Screw		
Manual override	Yes		
Material	Aluminium, Steel, Nitrile, Delrin		

All dimensions in mm unless otherwise specified

Note : Subject to change without prior notice

