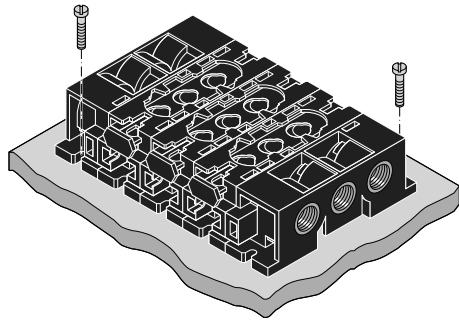


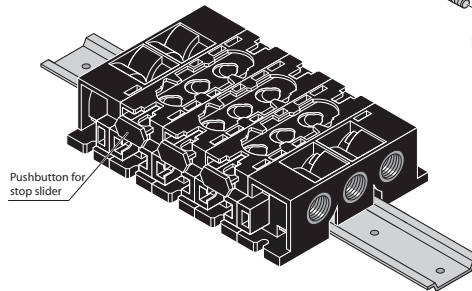
Manifolds & Subplates

Plastic Subplates

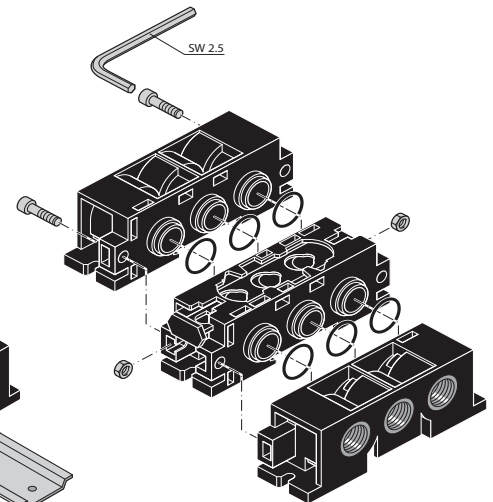
For use with 76.127/76.123 & 76.124 valves



Flat surface mounting



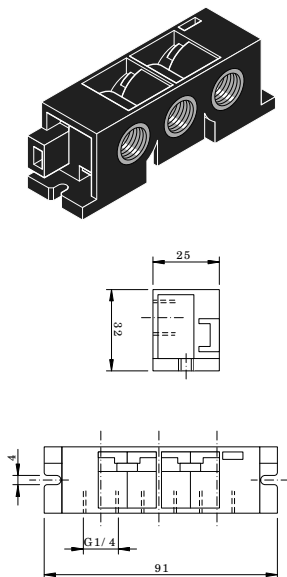
DIN rail mounting (35mm wide H type rail)



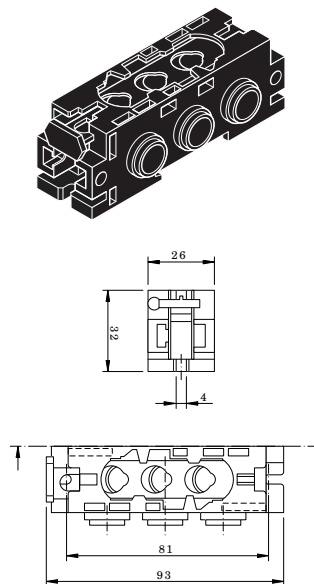
Description	Ports	Order code
Left end plate	G1/4	76.420.00.99
Right end plate, includes linking set	G1/4	76.420.00.98
Central plate for mounting valves, includes linking set	-	76.420.00.01
Intermediate blocking plate for differential pressures, includes linking set	-	76.420.00.05
Dummy Plug for unused subplates, one piece required per subplate section	-	76.420.00.06

Dimensional drawings

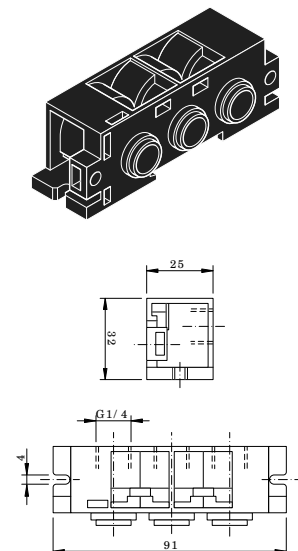
Left End Plate



Central/Blocking Plate



Right End Plate



Air Pilot Operated Pneumatic Valves

5/2 & 5/3 Way Double Pilot Control Valve G1/8 Ports

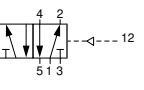
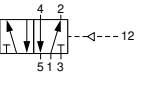
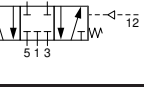
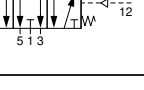
Technical information

Pressure range:	2.5-10 bar
Control pressure:	2.5-10 bar
Temperature range:	-15°C...+50°C
Housing:	Plastic material (IXEF)
Seals:	NBR
Lubricant:	Not required
Operating medium:	5 micron filtered, lubricated or non-lubricated compressed air

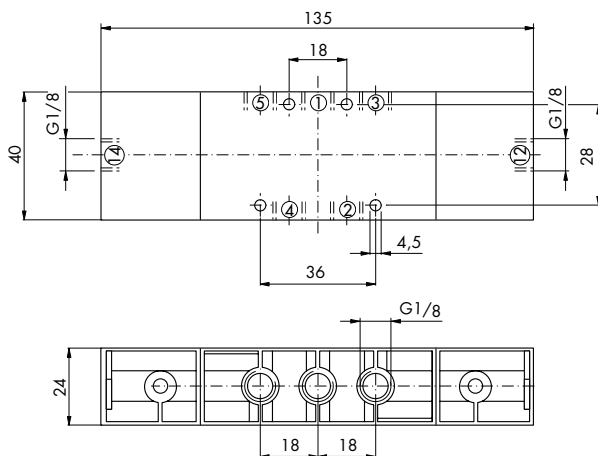


Other information

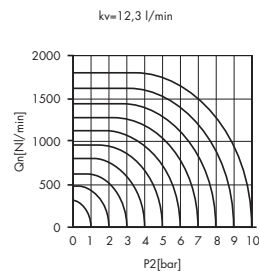
Subplates are available for this product, see data sheet M1001.

Symbol	Description	Type	Orifice	Ports	Order code
	5/2 way double pilot	Poppet	6mm	G1/8	76.127.71.42
	5/2 way double pilot	Spool	6mm	G1/8	76.123.71.42
	5/2 way double pilot with priority	Poppet	6mm	G1/8	76.127.71.47
	5/2 way double pilot with priority	Spool	6mm	G1/8	76.123.71.47
	5/3 way spring return to centre all ports closed	Spool	6mm	G1/8	76.124.71.38
	5/3 way spring return to centre all ports open	Spool	6mm	G1/8	76.124.71.28

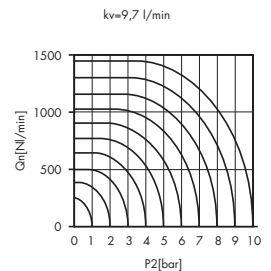
Dimensional drawings



Flow rate orifice 6mm poppet type



Flow rate orifice 6mm spool type



Air Pilot Operated Pneumatic Valves

5/2 & 5/3 Way Double Pilot Control Valve G1/8 Ports

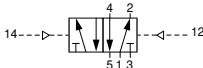
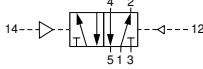
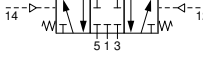
Technical information

Pressure range:	2.5-10 bar
Control pressure:	2.5-10 bar
Temperature range:	-15°C...+50°C
Housing:	Die-cast and lacquered aluminium alloy
Seals:	NBR
Lubricant:	Not required
Operating medium:	5 micron filtered, lubricated or non-lubricated compressed air

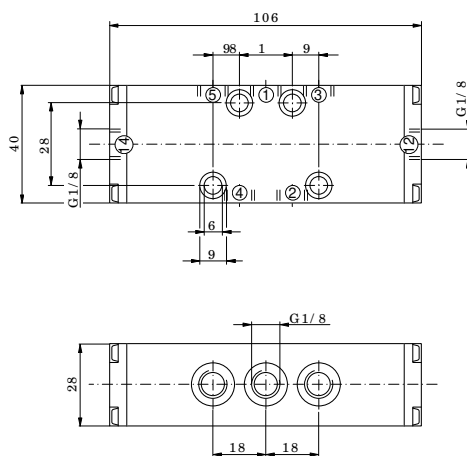


Other information

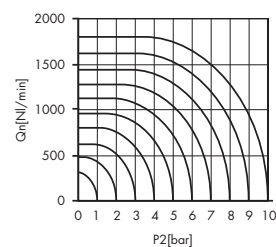
 For ATEX certification use suffix code "EX" for example 76.XXX.XX.XX.EX
 For NPT ports use prefix code "75" for example 75.XXX.XX.XX

Symbol	Description	Type	Orifice	Ports	Order code
	5/2 way double pilot	Poppet	6mm	G1/8	76.027.71.42
	5/2 way double pilot	Spool	6mm	G1/8	76.023.71.42
	5/2 way double pilot with priority	Poppet	6mm	G1/8	76.027.71.47
	5/2 way double pilot with priority	Spool	6mm	G1/8	76.023.71.47
	5/3 way spring return to centre all ports closed	Spool	6mm	G1/8	76.024.71.38
	5/3 way spring return to centre all ports open	Spool	6mm	G1/8	76.024.71.28

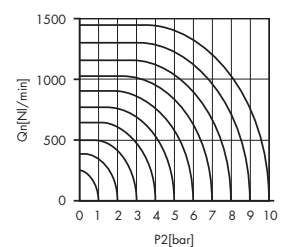
Dimensional drawings



Flow rate orifice 6mm poppet type
kv=12,3 l/min



Flow rate orifice 6mm spool type
kv=9,7 l/min



Air Pilot Operated Pneumatic Valves

5/2 & 5/3 Way Double Pilot Control Valve G1/4 Ports

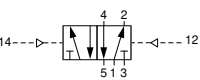
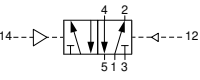
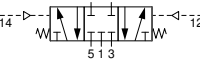
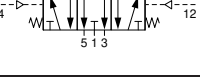
Technical information

Pressure range:	2.5-10 bar
Control pressure:	2.5-10 bar
Temperature range:	-15°C...+50°C
Housing:	Glass fibre reinforced PPA
Seals:	NBR
Lubricant:	Not required
Operating medium:	5 micron filtered, lubricated or non-lubricated compressed air

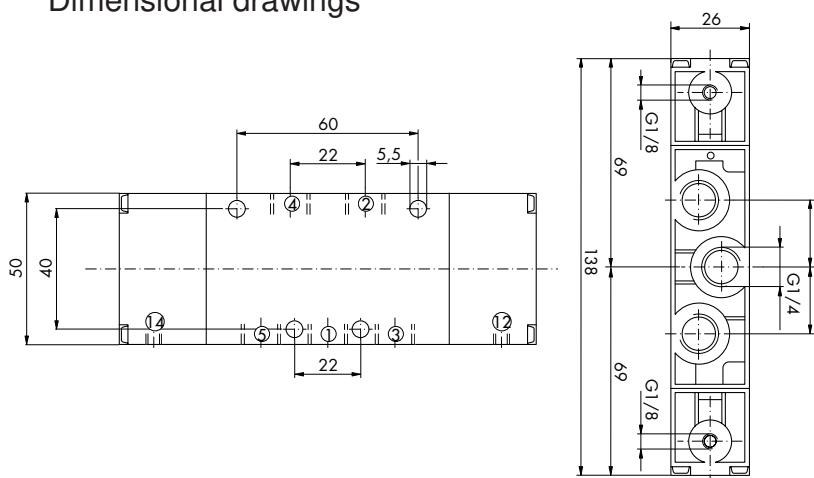
Other information

For NPT ports use prefix code "75" for example 75.XXX.XX.XX



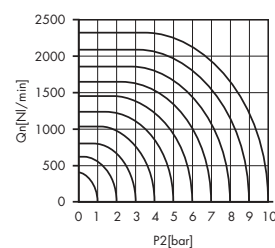
Symbol	Description	Type	Orifice	Ports	Order code
	5/2 way double pilot	Poppet	8mm	G1/4	76.147.81.42
	5/2 way double pilot	Spool	8mm	G1/4	76.143.81.42
	5/2 way double pilot with priority	Poppet	8mm	G1/4	76.147.81.47
	5/2 way double pilot with priority	Spool	8mm	G1/4	76.143.81.47
	5/3 way spring return to centre all ports closed	Spool	8mm	G1/4	76.144.81.38
	5/3 way spring return to centre all ports open	Spool	8mm	G1/4	76.144.81.28

Dimensional drawings



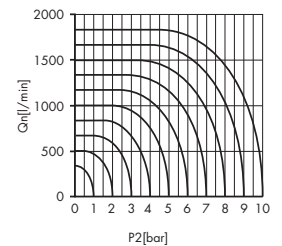
Flow rate orifice 8mm poppet type

kv=15,8 l/min



Flow rate orifice 8mm spool type

kv=12,40 l/min



Air Pilot Operated Pneumatic Valves

5/2 Way Double Pilot Control Valve G1/2 Ports

Technical information

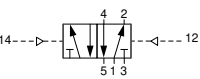
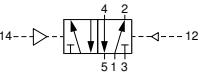
Pressure range:	0-10 bar
Control pressure:	2.5-10 bar
Temperature range:	-15°C...+50°C
Housing:	Lacquered aluminium alloy
Seals:	NBR
Lubricant:	Not required
Operating medium:	5 micron filtered, lubricated or non-lubricated compressed air



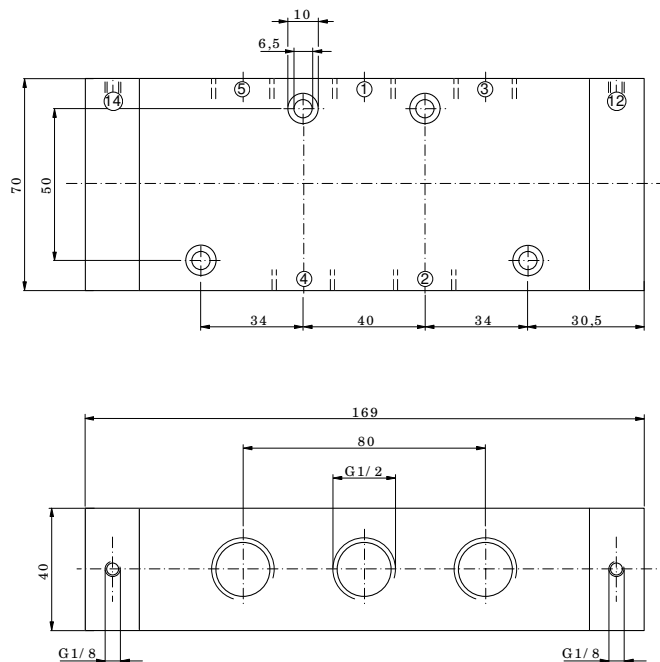
Other information



For ATEX certification use suffix code "EX" for example 76.XXX.XX.XX.EX
For NPT ports use prefix code "75" for example 75.XXX.XX.XX

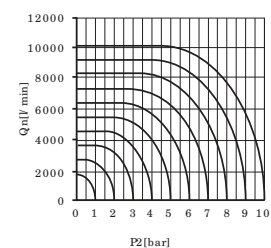
Symbol	Description	Type	Orifice	Pilot Ports	Ports	Order code
	5/2 way double pilot	Poppet	15mm	G1/8	G1/2	76.067.81.42
	5/2 way double pilot with priority	Poppet	15mm	G1/8	G1/2	76.067.81.47

Dimensional drawings



Flow rate orifice 15mm poppet type

kv=68,80 l/min



Air Pilot Operated Pneumatic Valves

3/2 Way Single Pilot Control Valve G1/8 & G1/4 Ports

Technical information

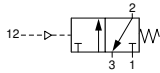
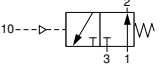
Pressure range:	0-10 bar
Control pressure:	3.5-10 bar (port 14 ≥ port 1 pressure)
Temperature range:	-15°C...+50°C
Housing:	Glass fibre reinforced PPA
Seals:	NBR
Lubricant:	Not required
Operating medium:	5 micron filtered, lubricated or non-lubricated compressed air.



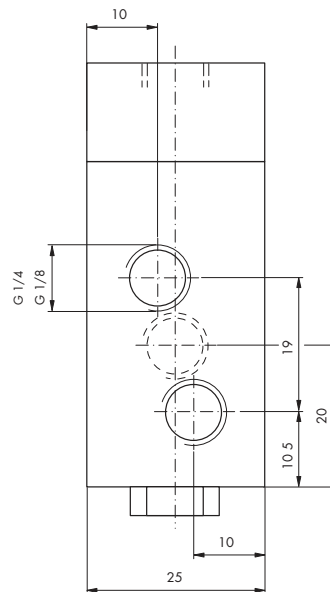
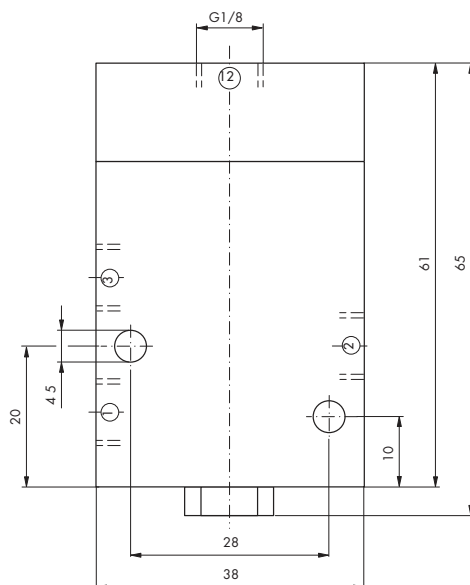
Other information

For NPT ports use prefix code "75" for example 75.XXX.XX.XX

For vacuum please use code 76.2X6.71.21 **these versions only

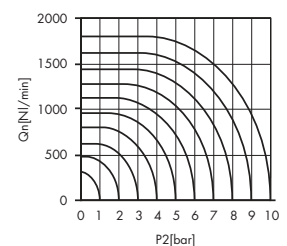
Symbol	Description	Type	Orifice	Pilot Ports	Ports	Order code
	3/2 way normally closed spring return **	Poppet	6mm	G1/8	G1/8	76.126.71.21
	3/2 way normally closed spring return **	Poppet	8mm	G1/8	G1/4	76.146.71.21
	3/2 way normally open spring return	Poppet	6mm	G1/8	G1/8	76.126.71.31
	3/2 way normally open spring return	Poppet	8mm	G1/8	G1/4	76.146.71.31

Dimensional drawings



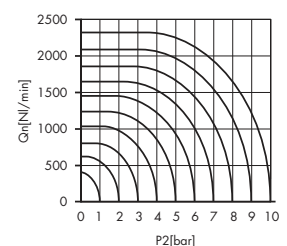
Flow rate orifice 6mm poppet type

kv=12,3 l/min



Flow rate orifice 8mm poppet type

kv=15,8 l/min



Air Pilot Operated Pneumatic Valves

3/2 Way Single Pilot Control Valve G1/2 Ports

Technical information

Pressure range:	0-10 bar
Control pressure:	2.5-10 bar
Temperature range:	-15°C...+50°C
Housing:	Lacquered aluminium alloy
Seals:	NBR
Lubricant:	Not required
Operating medium:	5 micron filtered, lubricated or non-lubricated compressed air



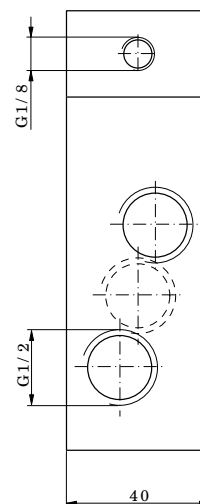
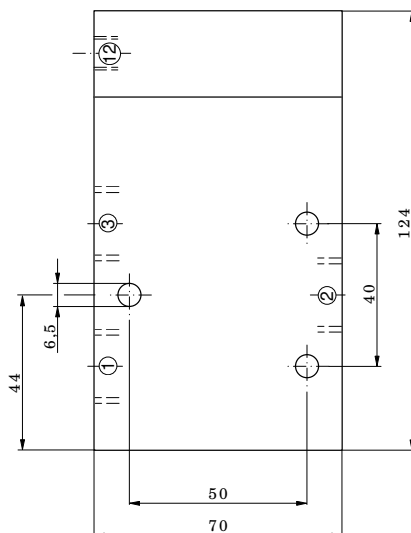
Other information



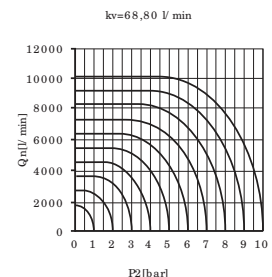
For ATEX certification use suffix code "EX" for example 76.XXX.XX.XX.EX
 For NPT ports use prefix code "75" for example 75.XXX.XX.XX
 For vacuum please use code 76.266.81.21 **this version only

Symbol	Description	Type	Orifice	Pilot Ports	Ports	Order code
12--- 	3/2 way normally closed spring return **	Poppet	15mm	G1/8	G1/2	76.066.81.21
10--- 	3/2 way normally open spring return	Poppet	15mm	G1/8	G1/2	76.066.81.31

Dimensional drawings



Flow rate orifice 15mm poppet type



Air Pilot Operated Pneumatic Valves

5/2 Way Single Pilot Control Valve G1/8 Ports

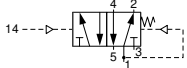
Technical information

Pressure range:	2.5-10 bar
Control pressure:	2.5-10 bar (port 14 $\geq$ port 1 pressure)
Temperature range:	-15°C...+50°C
Housing:	Plastic material (IXEF)
Seals:	NBR
Lubricant:	Not required
Operating medium:	5 micron filtered, lubricated or non-lubricated compressed air

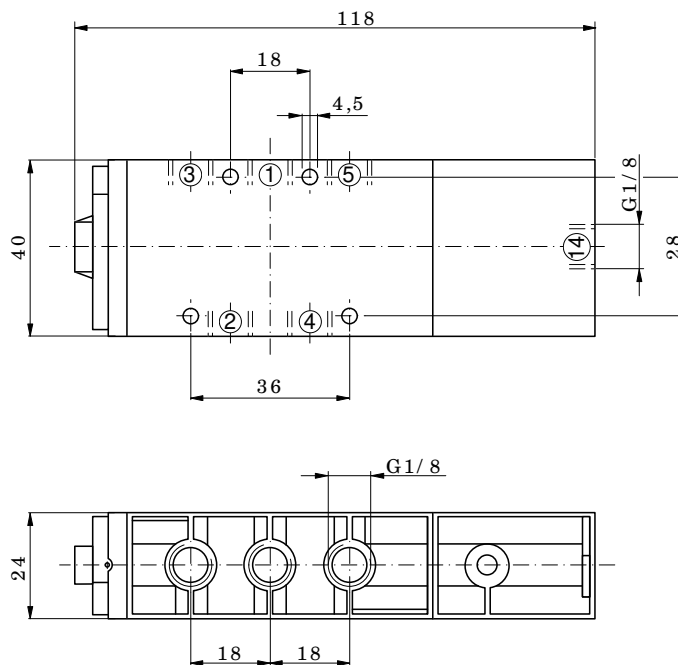


Other information

Subplates are available for this product, see data sheet M1001.

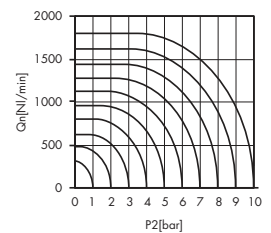
Symbol	Description	Type	Orifice	Ports	Order code
	5/2 way spring return	Poppet	6mm	G1/8	76.127.71.41
	5/2 way spring return	Spool	6mm	G1/8	76.123.71.41

Dimensional drawings



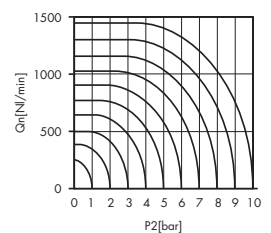
Flow rate orifice 6mm poppet type

$k_v = 12,3 \text{ l/min}$



Flow rate orifice 6mm spool type

$k_v = 9,7 \text{ l/min}$



Air Pilot Operated Pneumatic Valves

5/2 Way Single Pilot Control Valve G1/8 Ports

Technical information

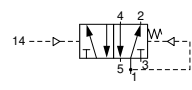
Pressure range:	2.5-10 bar
Control pressure:	2.5-10 bar (port 14 ≥ port 1 pressure)
Temperature range:	-15°C...+50°C
Housing:	Die-cast and lacquered aluminium alloy
Seals:	NBR
Lubricant:	Not required
Operating medium:	5 micron filtered, lubricated or non-lubricated compressed air



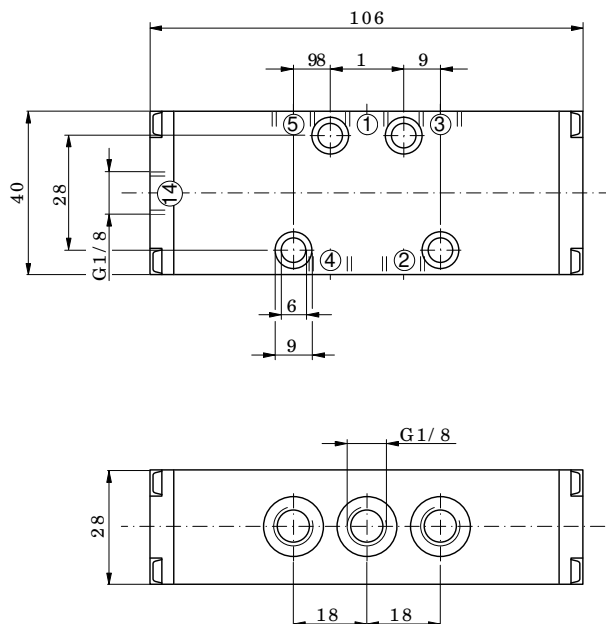
Other information



For ATEX certification use suffix code "EX" for example 76.XXX.XX.XX.EX
For NPT ports use prefix code "75" for example 75.XXX.XX.XX

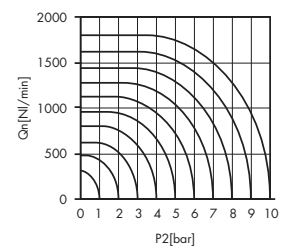
Symbol	Description	Type	Orifice	Ports	Order code
	5/2 way spring return	Poppet	6mm	G1/8	76.027.71.41
	5/2 way spring return	Spool	6mm	G1/8	76.023.71.41

Dimensional drawings



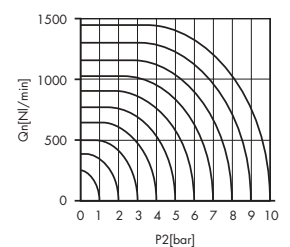
Flow rate orifice 6mm poppet type

$k_v=12,3 \text{ l/min}$



Flow rate orifice 6mm spool type

$k_v=9,7 \text{ l/min}$



Air Pilot Operated Pneumatic Valves

5/2 Way Single Pilot Control Valve G1/4 Ports

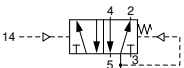
Technical information

Pressure range:	2.5-10 bar
Control pressure:	2.5-10 bar (port 14 ≥ port 1 pressure)
Temperature range:	-15°C...+50°C
Housing:	Glass fibre reinforced PPA
Seals:	NBR
Lubricant:	Not required
Operating medium:	5 micron filtered, lubricated or non-lubricated compressed air

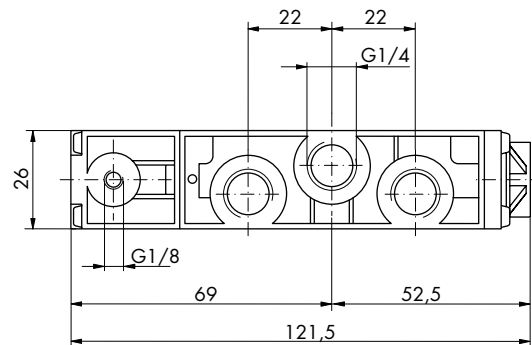


Other information

For NPT ports use prefix code "75" for example 75.XXX.XX.XX

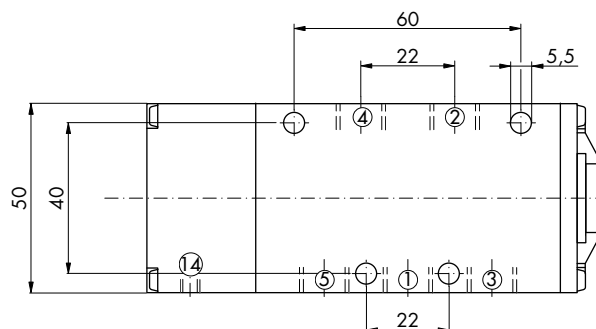
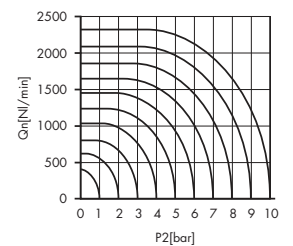
Symbol	Description	Type	Orifice	Pilot Ports	Ports	Order code
	5/2 way spring return	Poppet	8mm	G1/8	G1/4	76.147.81.41
	5/2 way spring return	Spool	8mm	G1/8	G1/4	76.143.81.41

Dimensional drawings



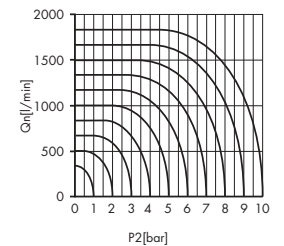
Flow rate orifice 8mm poppet type

$k_v=15,8 \text{ l/min}$



Flow rate orifice 8mm spool type

$k_v=12,40 \text{ l/min}$



Air Pilot Operated Pneumatic Valves

5/2 Way Single Pilot Control Valve G1/2 Ports

Technical information

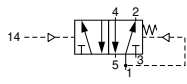
Pressure range:	2.5-10 bar
Control pressure:	2.5-10 bar (port 14 ≥ port 1 pressure)
Temperature range:	-15°C...+50°C
Housing:	Lacquered aluminium alloy
Seals:	NBR
Lubricant:	Not required
Operating medium:	5 micron filtered, lubricated or non-lubricated compressed air



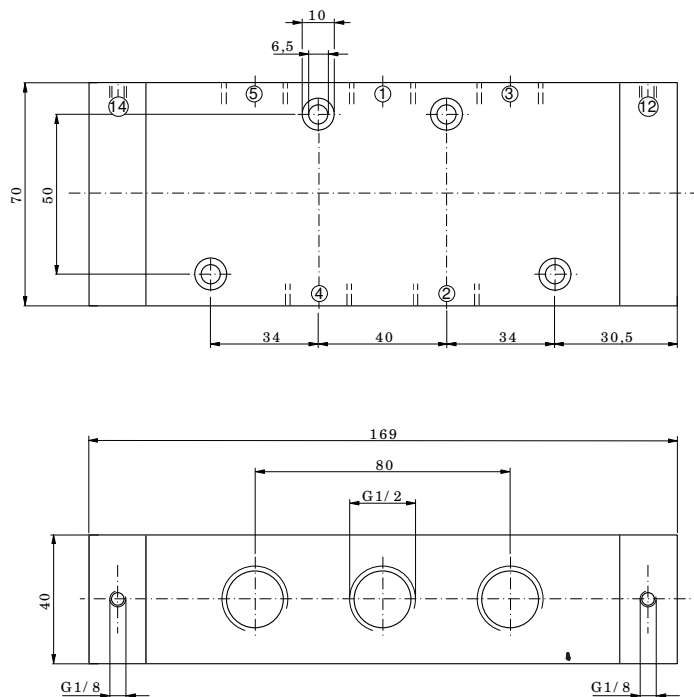
Other information



For ATEX certification use suffix code "EX" for example 76.XXX.XX.XX.EX
For NPT ports use prefix code "75" for example 75.XXX.XX.XX

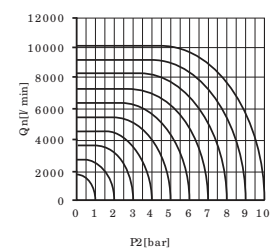
Symbol	Description	Type	Orifice	Pilot Ports	Ports	Order code
	5/2 way spring return	Poppet	15mm	G1/8	G1/2	76.067.81.41

Dimensional drawings



Flow rate orifice 15mm poppet type

kv=68,80 l/min



Air Pilot Operated Pneumatic Valves

3/2 Way Single & Double Pilot Control Valve G1/8 Ports

Technical information

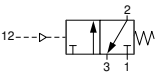
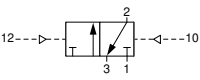
Pressure range:	0-10 bar
Control pressure:	2.5-10 bar
Temperature range:	-15°C...+50°C
Housing:	Die-cast and lacquered zinc alloy
Seals:	NBR
Lubricant:	Not required
Operating medium:	5 micron filtered, lubricated or non-lubricated compressed air



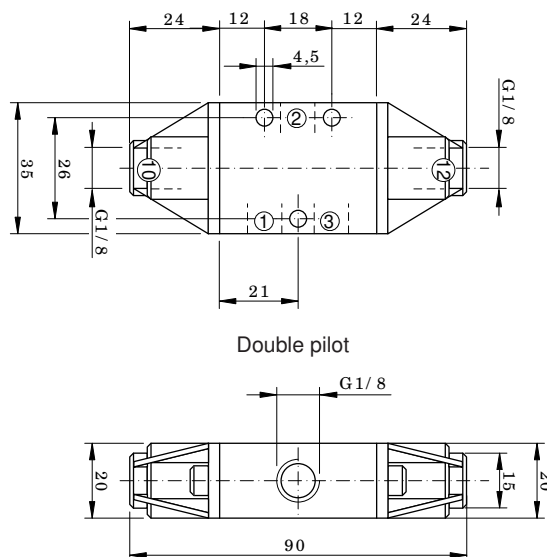
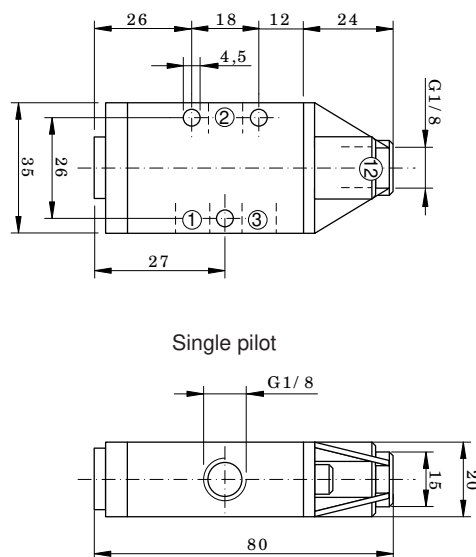
Other information



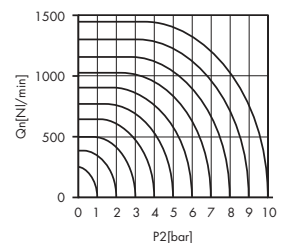
For ATEX certification use suffix code "EX" for example 76.XXX.XX.XX.EX
For NPT ports use prefix code "75" for example 75.XXX.XX.XX

Symbol	Description	Type	Orifice	Pilot Ports	Ports	Order code
	3/2 way normally closed spring return	Spool	6mm	G1/8	G1/8	76.022.71.21
	3/2 way double pilot	Spool	6mm	G1/8	G1/8	76.022.71.22

Dimensional drawings



Flow rate orifice 6mm spool type
kv=9,7 l/min



Air Pilot Operated Pneumatic Valves

5/2 Way Single & Double Pilot Control Valves G1/8 Ports

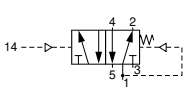
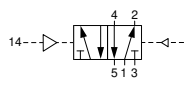
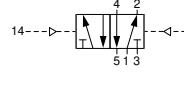
Technical information

Pressure range:	2.5-10 bar
Control pressure:	2.5-10 bar (**port 14 ≥ port 1 pressure)
Temperature range:	-15°C...+50°C
Housing:	Die-cast and lacquered zinc alloy
Seals:	NBR
Lubricant:	Not required
Operating medium:	5 micron filtered, lubricated or non-lubricated compressed air

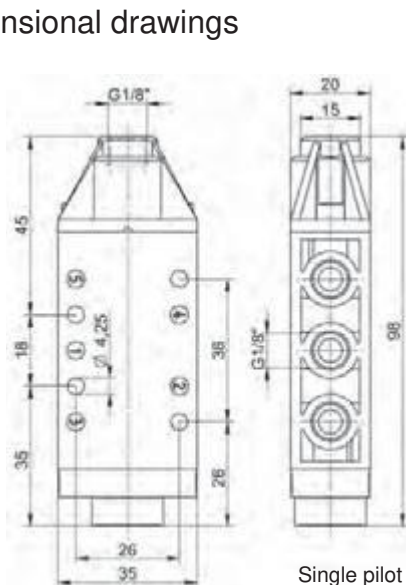


Other information

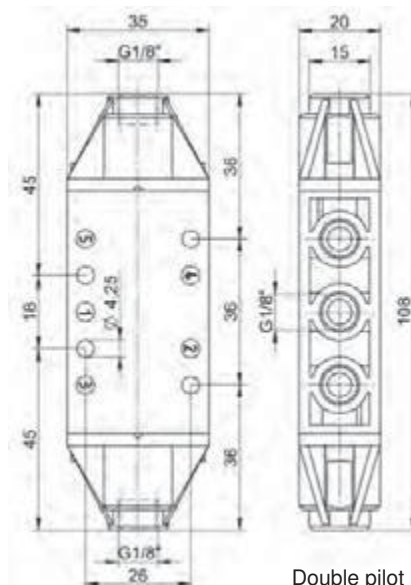
 For ATEX certification use suffix code "EX" for example 76.XXX.XX.XX.EX
 For NPT ports use prefix code "75" for example 75.XXX.XX.XX

Symbol	Description	Type	Orifice	Pilot Ports	Ports	Order code
	5/2 way spring return **	Spool	6mm	G1/8	G1/8	KE.023.71.41
	5/2 way double pilot with priority	Spool	6mm	G1/8	G1/8	KE.023.71.47
	5/2 way double pilot	Spool	6mm	G1/8	G1/8	KE.023.71.42

Dimensional drawings



Single pilot



Double pilot

Flow rate orifice 6mm spool type
kv=9,7 l/min

