

SKUPP®

POPPET VALVES



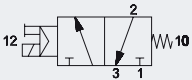
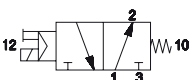
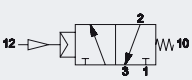
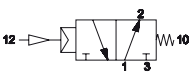
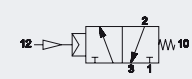
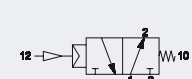
SPV SERIES

TABLE OF CONTENTS

INTRODUCTION	3
COMPRESSED AIR VALVES	5
VACUUM VALVES.....	17

COMPRESSED AIR VALVES

OVERVIEW

CODE	PORT	COIL	FUNCTION	CHARACTERISTICS	SYMBOL
SPV-F2500	G1/8"	S1	3/2 NC	ELECTRIC POPPET VALVE, FOR COMPRESSED AIR, SPRING RETURN, WITH MANUAL OVERRIDE AND INTERNAL PILOT	
SPV-F2510	G1/4"	S1			
SPV-F2517	G1/4"	S2			
SPV-F2520	G3/8"	S1			
SPV-F2524	G3/8"	S2			
SPV-F2530	G1/2"	S2			
SPV-F2540	G3/4"	S2			
SPV-F2545	G1"	S2			
SPV-F2565	G1-1/2"	S2			
SPV-F2501	G1/8"	S1	3/2 NO	ELECTRIC POPPET VALVE, FOR COMPRESSED AIR, SPRING RETURN, WITH MANUAL OVERRIDE AND INTERNAL PILOT	
SPV-F2511	G1/4"	S1			
SPV-F2518	G1/4"	S2			
SPV-F2521	G3/8"	S1			
SPV-F2525	G3/8"	S2			
SPV-F2531	G1/2"	S2			
SPV-F2541	G3/4"	S2			
SPV-F2546	G1"	S2			
SPV-F2561	G1-1/2"	S2			
SPV-F2600	G1/8"	-	3/2 NC	PNEUMATIC POPPET VALVE, FOR COMPRESSED AIR, SPRING RETURN	
SPV-F2601	G1/4"	-			
SPV-F2606	G3/8"	-			
SPV-F2700	G1/8"	-	3/2 NO	PNEUMATIC POPPET VALVE, FOR COMPRESSED AIR, SPRING RETURN	
SPV-F2701	G1/4"	-			
SPV-F2706	G3/8"	-			
SPV-F2603	G1/2"	-	3/2 NC/NO	PNEUMATIC POPPET VALVE, FOR COMPRESSED AIR, SPRING RETURN	 
SPV-F2610	G3/4"	-			
SPV-F2615	G1"	-			
SPV-F2620	G1-1/2"	-			

Solenoid valves are supplied without coil, connector and locking nut

COMPRESSED AIR VALVES

G1/8" - G3/8"

Solenoid poppet valves are used for compressed air and are available as Normally Open or Normally Closed. They standard have a manual override.

TECHNICAL FEATURES

BODY MATERIAL

Zamak

SEALS

NBR & PU

SPOOL

Aluminium

NOMINAL ORIFICE

See tabel below

TEMPERATURE RANGE

Fluid: -5 °C - +60°C

ambient: +50°C

MAXIMUM PRESSURE

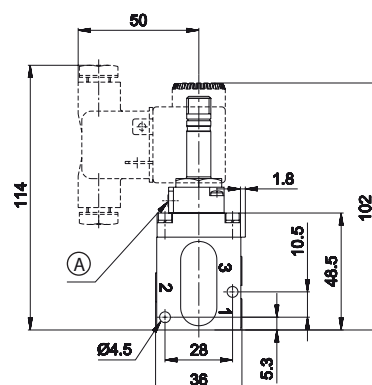
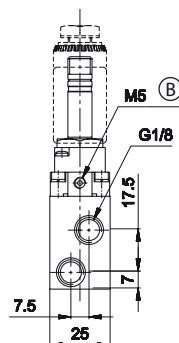
10 bar

FLUID

50µm filtered, lubricated or non lubricated air

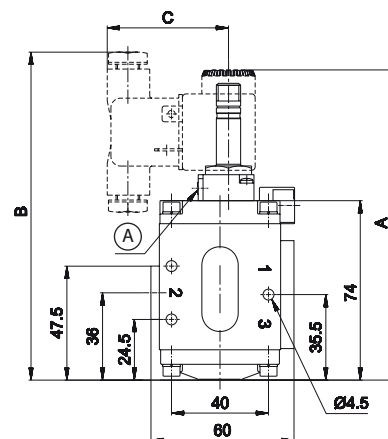
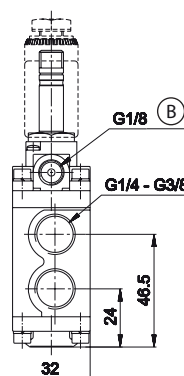


G1/8"

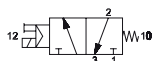


G1/4"

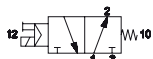
G3/8"



3/2 Normally Closed



3/2 Normally Open



- 1 = Supply port
- 2 = Use
- 3 = Exhaust
- A = manual override
- B = Pilot port (Servo-assist)

CODE	PORT	FUNCTION	COIL	ORIFICE	FLOW	TIME (ms)		PRESSURE		WEIGHT
						energized	De-energized	Min	Max.	

SPV-F2500	G1/8"	3/2 NC	S1	5.5	580	15	20	1.5	10	0.25
SPV-F2510	G1/4"		S1	8	1100	20	23	1.6	10	0.58
SPV-F2520	G3/8"		S1	10	1500	20	23	1.6	10	0.56
SPV-F2501	G1/8"	3/2 NO	S1	5.5	580	15	20	1.5	10	0.25
SPV-F2511	G1/4"		S1	8	1100	15	20	1.6	10	0.58
SPV-F2521	G3/8"		S1	10	1500	15	20	1.6	10	0.56

COMPRESSED AIR VALVES

G1/2" - G1-1/2"

Solenoid poppet valves are used for compressed air and are available as Normally Open or Normally Closed. They standard have a manual override.



TECHNICAL FEATURES

BODY MATERIAL

Zamak G1/2", G3/4" & G1"

Aluminium G1-1/2"

SEALS

NBR & PU

SPOOL

Steel & plastic

NOMINAL ORIFICE

See tabel below

TEMPERATURE RANGE

Fluid: -5 °C - +60°C

ambient: +50°C

MAXIMUM PRESSURE

10 bar

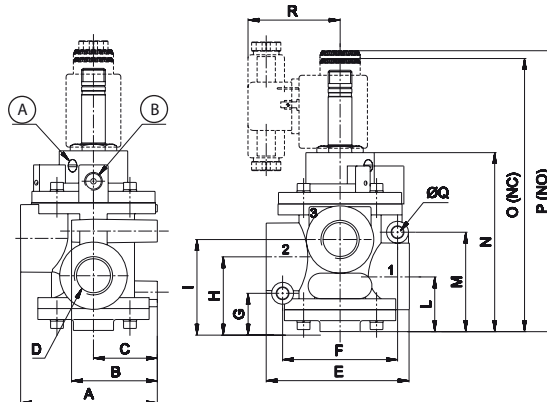
FLUID

50µm filtered, lubricated or non lubricated air

G1/2"

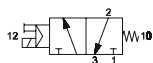
G3/4"

G1"

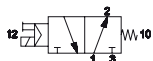


	A	B	C	D	E	F	G	H	I	L	M	N	O	P	Q	R
G1/2"	75	47	35	G1/2"	78.5	63	21	41	50.5	30	54.5	100	150	154	6.4	50.5
G3/4"	75	47	35	G3"	78.5	63	21	41	50.5	30	54.5	100	150	154	6.4	50.5
G1"	89	55	40	G1"	101	76	25.5	51	64	38	62.5	115	167	175	8.4	50

3/2 Normally Closed

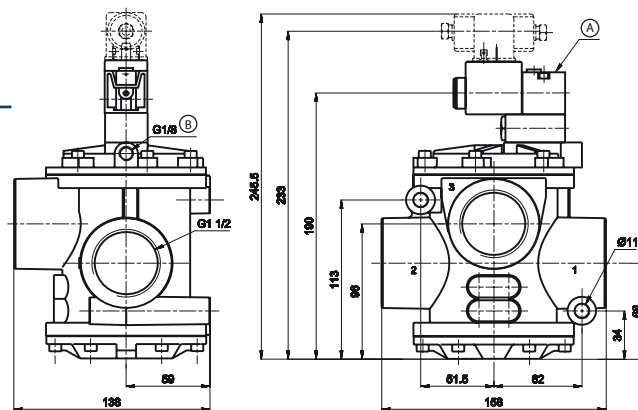


3/2 Normally Open



- 1 = Supply port
- 2 = Use
- 3 = Exhaust
- A = manual override
- B = Pilot port (Servo-assist)

G1-1/2"



CODE	PORT	FUNCTION	COIL	ORIFICE	FLOW	TIME (ms)		PRESSURE		WEIGHT
				mm	[Nl/min]	energized	De-energized	Min	Max.	KG
SPV-F2530	G1/2"	3/2 NC	S2	15	5400	17	27	2	10	1.19
SPV-F2540	G3/4"		S2	19	6500	17	27	2	10	1.13
SPV-F2545	G1"		S2	25	13500	20	32	2.2	10	1.62
SPV-F2565	G1-1/2"		S2	39	35000	47	22	2.5	10	2.27
SPV-F2531	G1/2"	3/2 NO	S2	15	5400	30	22	3	10	1.19
SPV-F2541	G3/4"		S2	19	6500	30	22	3	10	1.13
SPV-F2546	G1"		S2	25	13500	28	23	3	10	1.62
SPV-F2561	G1-1/2"		S2	39	35000	55	20	3	10	2.27

COMPRESSED AIR VALVES

G1/8" - G3/8"

Pneumatic poppet valves are used for compressed air and are available as Normally Open or Normally Closed. They standard have a manual override.



TECHNICAL FEATURES

BODY MATERIAL

Zamak

SEALS

NBR & PU

SPOOL

Aluminium

NOMINAL ORIFICE

See tabel below

TEMPERATURE RANGE

Fluid: -5 °C - +60°C

ambient: +50°C

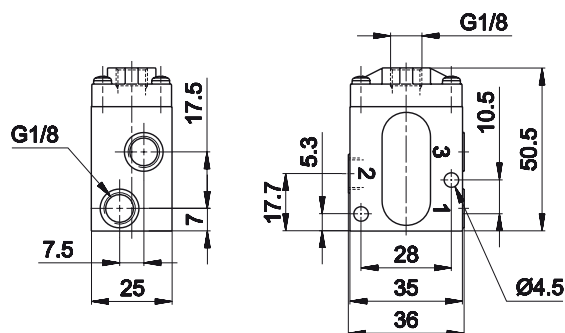
MAXIMUM PRESSURE

10 bar

FLUID

50µm filtered, lubricated or non lubricated air

G1/8"



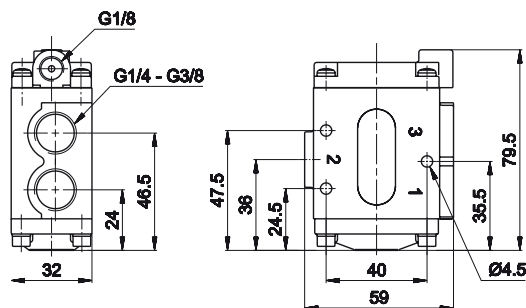
1 = Supply port

2 = Use

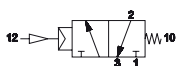
3 = Exhaust

G1/4"

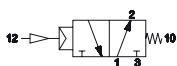
G3/8"



3/2 Normally Closed



3/2 Normally Open



CODE	PORT	FUNCTION	ORIFICE	FLOW	TIME (ms)		PRESSURE		WEIGHT
			mm	[NL/min]	energized	De-energized	Supply	Control	
SPV-F2600	G1/8"	3/2 NC	5.5	580	5	8	6	3.5	0.21
SPV-F2601	G1/4"		8	1100	5	7	6	4	0.54
SPV-F2606	G3/8"		10	1500	5	7	6	4	0.52
SPV-F2700	G1/8"	3/2 NO	5.5	580	5	8	6	3.5	0.21
SPV-F2701	G1/4"		8	1100	5	7	6	4	0.54
SPV-F2706	G3/8"		10	1500	5	7	6	4	0.52

COMPRESSED AIR VALVES

G1/2" - G1-1/2"

Solenoid poppet valves are used for compressed air and are available as Normally Open or Normally Closed. They standard have a manual override.

TECHNICAL FEATURES

BODY MATERIAL

Zamak G1/2", G3/4" & G1"

Aluminium G1-1/2"

SEALS

NBR & PU

SPOOL

Steel & plastic

NOMINAL ORIFICE

See tabel below

TEMPERATURE RANGE

Fluid: -5 °C - +60°C

ambient: +50°C

MAXIMUM PRESSURE

10 bar

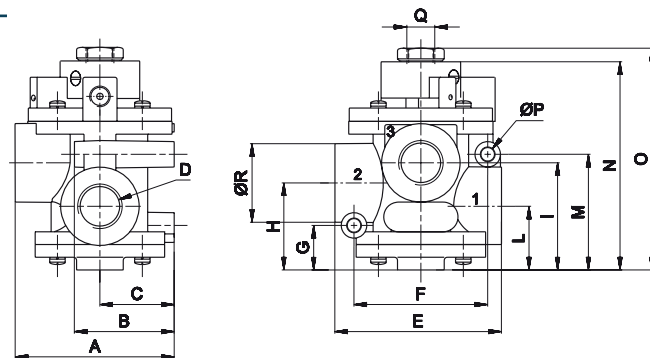
FLUID

50µm filtered, lubricated or non lubricated air

G1/2"

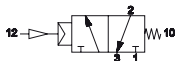
G3/4"

G1"

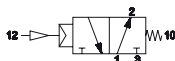


	A	B	C	D	E	F	G	H	I	L	M	N	O	P	Q	R
G1/2"	75	47	35	G1/2"	78.5	63	21	41	50.5	30	54.5	100	105	6.4	G1/4"	37
G3/4"	75	47	35	G3/4"	78.5	63	21	41	50.5	30	54.5	100	105	6.4	G1/4"	37
G1"	89	55	40	G1"	101	76	25.5	51	64	38	62.5	115	120.5	8.4	G1/4"	45

3/2 Normally Closed

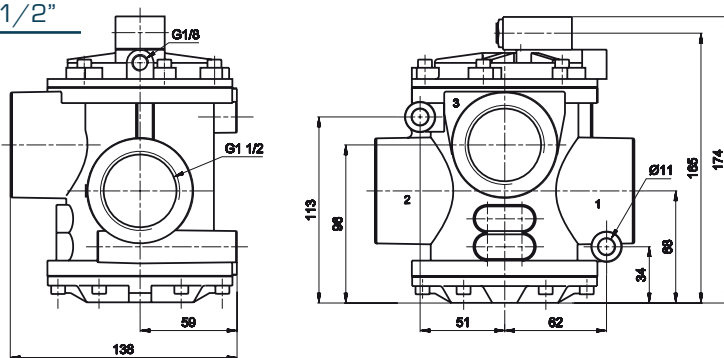


3/2 Normally Open

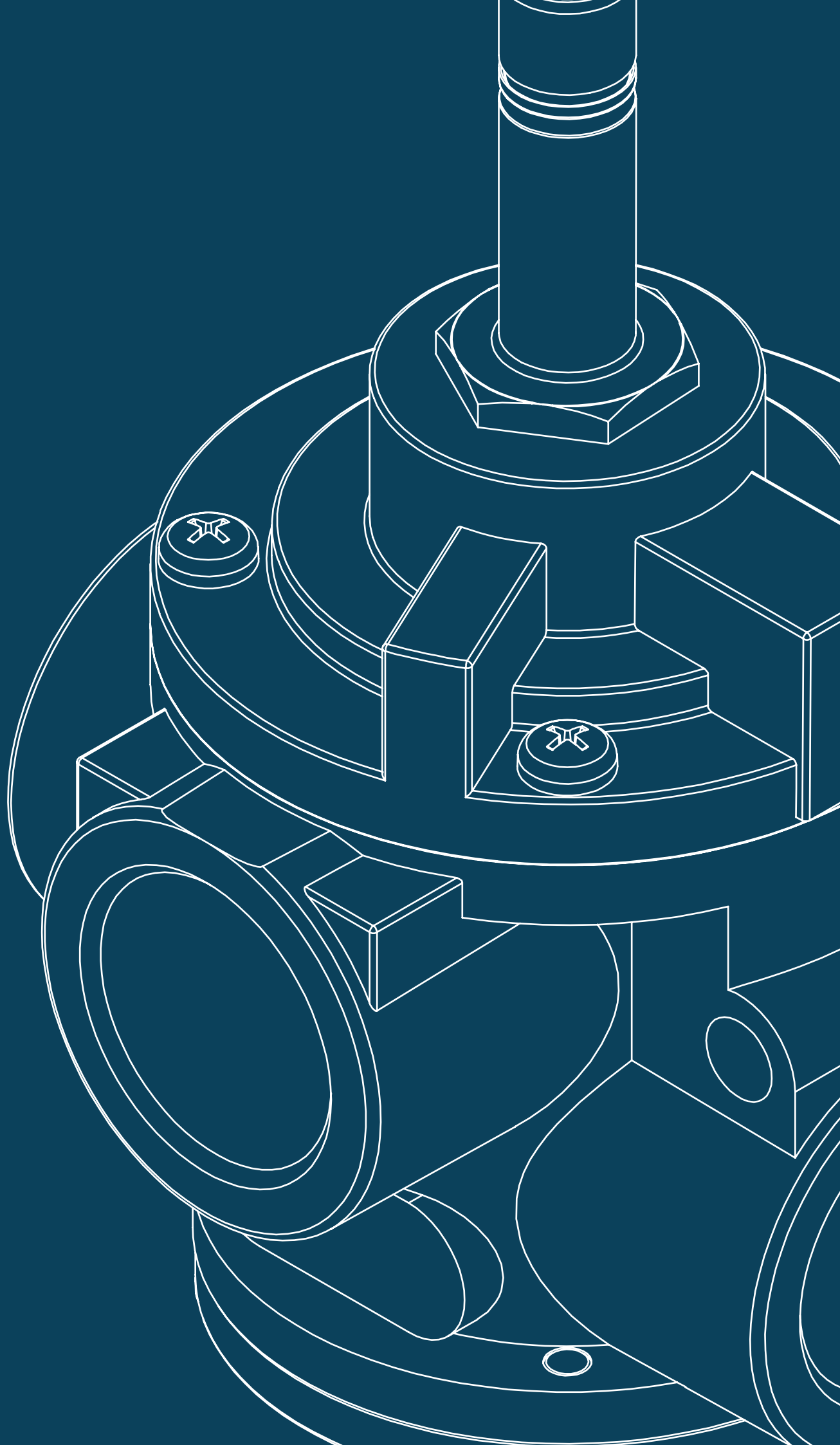


G1-1/2"

1 = Supply port
2 = Use
3 = Exhaust

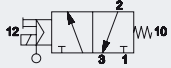
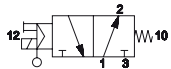
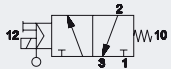
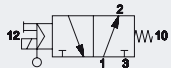
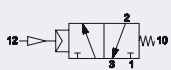
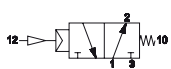
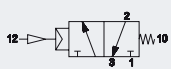
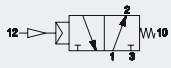


CODE	PORT	FUNCTION	ORIFICE	FLOW	TIME (ms)		PRESSURE		WEIGHT
			mm	[Nl/min]	energized	De-energized	Min	Max.	
SW-F2603	G1/2"	3/2 NC	15	5400	7	10	6	4	1.27
SW-F2610	G3/4"		19	6500	7	10	6	4	1.10
SW-F2615	G1"		25	13500	10	12	6	4	1.59
SW-F2620	G1-1/2"		39	35000	36	15	6	4	2.19



VACUUM VALVES

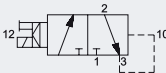
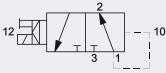
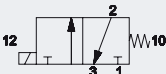
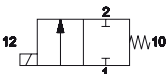
OVERVIEW (1/2)

CODE	PORT	FUNCTION	COIL	ORIFICE	CHARACTERISTICS	SYMBOL
SPV-G3001	G1/8"	3/2 NC	S1	5,5	ELECTRIC POPPET VALVE, FOR VACUUM, 3/2 NC WITH MANUAL OVERRIDE AND EXTERNAL PILOT	
SPV-G3009	G1/4"		S2	8		
SPV-G3011	G3/8"		S2	10		
SPV-G3002	G1/8"	3/2 NO	S1	5,5	ELECTRIC POPPET VALVE, FOR VACUUM, 3/2 NO WITH MANUAL OVERRIDE AND EXTERNAL PILOT	
SPV-G3010	G1/4"		S2	8		
SPV-G3012	G3/8"		S2	10		
SPV-G3020	G1/2"	3/2 NC	S2	15	ELECTRIC POPPET VALVE, FOR VACUUM, 3/2 NC WITH MANUAL OVERRIDE AND EXTERNAL PILOT	
SPV-G3040	G3/4"		S2	19		
SPV-G3050	G1"		S2	25		
SPV-G3062	G1 1/2"		S2	39		
SPV-G3021	G1/2"	3/2 NO	S2	15	ELECTRIC POPPET VALVE, FOR VACUUM, 3/2 NO WITH MANUAL OVERRIDE AND EXTERNAL PILOT	
SPV-G3041	G3/4"		S2	19		
SPV-G3051	G1"		S2	25		
SPV-G3063	G1 1/2"		S2	39		
SPV-G3071	G1/8"	3/2 NC	-	5,5	PNEUMATIC POPPET VALVE FOR VACUUM, 3/2 NC , WITH MANUAL OVERRIDE	
SPV-G3073	G1/4"		-	8		
SPV-G3075	G3/8"		-	10		
SPV-G3072	G1/8"	3/2 NO	-	5,5	PNEUMATIC POPPET VALVE FOR VACUUM, 3/2 NO , WITH MANUAL OVERRIDE	
SPV-G3074	G1/4"		-	8		
SPV-G3076	G3/8"		-	10		
SPV-G3081	G1/2"	3/2 NC	-	15	PNEUMATIC POPPET VALVE FOR VACUUM, 3/2 NC , WITH MANUAL OVERRIDE	
SPV-G3091	G3/4"		-	19		
SPV-G3100	G1"		-	25		
SPV-G3110	G1 1/2"		-	39		
SPV-G3082	G1/2"	3/2 NO	-	15	PNEUMATIC POPPET VALVE FOR VACUUM, 3/2 NO , WITH MANUAL OVERRIDE	
SPV-G3092	G3/4"		-	19		
SPV-G3101	G1"		-	25		
SPV-G3111	G1 1/2"		-	39		

Solenoid valves are supplied without coil, connector and locking nut

VACUUM VALVES

OVERVIEW 2/2

CODE	PORT	FUNCTION	COIL	ORIFICE Ø	CHARACTERISTICS	SYMBOL
SPV-G3210	G1/4"	3/2 NC	S2	8	Electrovalves 3/2 NC for direct vacuum servoassisted by vacuum	
SPV-G3214	G3/8"			10		
SPV-G3222	G1/2"			15		
SPV-G3232	G3/4"			19		
SPV-G3242	G1"			25		
SPV-G3256	G1 1/2"			39		
SPV-G3211	G1/4"	3/2 NO	S2	8	Electrovalves 3/2 NO for direct vacuum servoassisted by vacuum	
SPV-G3215	G3/8"			10		
SPV-G3223	G1/2"			15		
SPV-G3233	G3/4"			19		
SPV-G3243	G1"			25		
SPV-G3257	G1 1/2"			39		
SPV-G3310	G1/4"	3/2 NC	S2	3	Electrovalves 3/2 NC for direct vacuum servoassisted by vacuum	
SPV-G3311				4		
SPV-G3312				5		
SPV-G3313				6		
SPV-G3330	G1/2"			8		
SPV-G3331				10		
SPV-G3332				11		
SPV-G3300	G1/4"	2/2 NC	S2	3*	Electrovalves 2/2 NC for direct vacuum	
SPV-G3301				4*		
SPV-G3302				5*		
SPV-G3303				6*		
SPV-G3320	G1/2"			8		
SPV-G3321				10		
SPV-G3322				11		

Solenoid valves are supplied without coil, connector and locking nut

*exhaust port size is 3mm

VACUUM VALVES

G1/8" - G3/8"

Solenoid poppet valves 3/2 are available as Normally Open or Normally Closed and standard have a manual override. These valves require pilot pressure with compressed air to operate [servo assisted].

TECHNICAL FEATURES

BODY MATERIAL

Zamak

SEALS

Conical plungers and Vulkollan diaphragm

SPOOL

Aluminium

NOMINAL ORIFICE

See tabel below

TEMPERATURE RANGE

Fluid: -5 °C - +60°C

ambient: +50°C

MAXIMUM PRESSURE

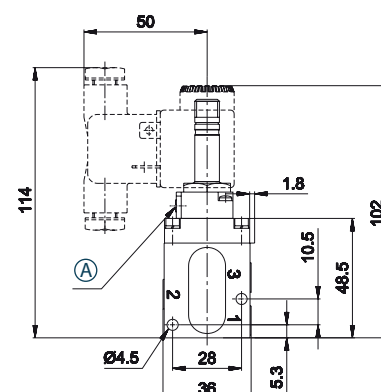
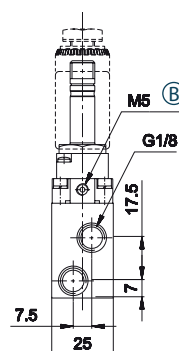
10 bar

FLUID

50µm filtered, lubricated or non lubricated air

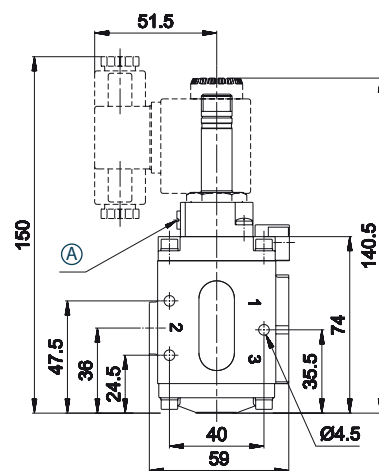
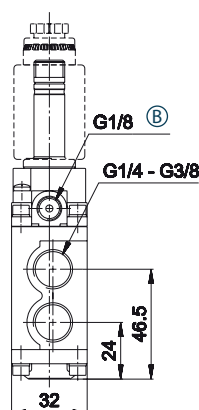


G1/8"

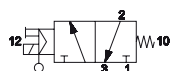


G1/4"

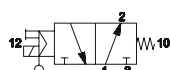
G3/8"



3/2 Normally Closed



3/2 Normally Open



- 1 = Supply port (vacuum)
- 2 = Use
- 3 = Exhaust
- A = manual override
- B = Pilot port (Servo-assist)

CODE	PORT	FUNCTION	COIL	ORIFICE	TIME (ms)		MIN. PILOT PRESSURE	PUMP	MAX VACUUM		WEIGHT
					energized	De-energized			mm Hg	Torr	
SPV-G3001	G1/8"	3/2 NC	S1	5.5	14	27	2.5	1.5	759.5	0.5	0.25
SPV-G3009	G1/4"		S2	8	16	27	2.5	4	759.5	0.5	0.58
SPV-G3011	G3/8"		S2	10	16	27	2.5	10	759.5	0.5	0.56
SPV-G3002	G1/8"	3/2 NO	S1	5.5	14	27	1.5	1.5	759.5	0.5	0.25
SPV-G3010	G1/4"		S2	8	16	27	2.5	4	759.5	0.5	0.58
SPV-G3012	G3/8"		S2	10	16	27	2.5	10	759.5	0.5	0.56

VACUUM VALVES

G1/2" - G1-1/2"

Solenoid poppet 3/2-way valves are available as Normally Open or Normally Closed and require pilot pressure with compressed air to operate (servo assisted). Standard provided with a manual override.

TECHNICAL FEATURES

BODY MATERIAL

Zamak G1/2" - G1"

Aluminium G1 1/2"

SEALS

Conical plungers and Vulkollan diaphragm

SPOOL

Steel & plastic

NOMINAL ORIFICE

See tabel below

TEMPERATURE RANGE

Fluid: -5 °C - +60°C

ambient: +50°C

MAXIMUM PRESSURE

10 bar

FLUID

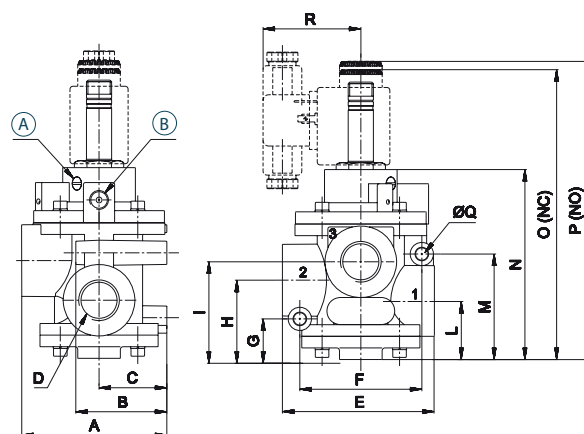
50µm filtered, lubricated or non lubricated air



G1/2"

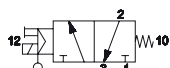
G3/4"

G1"

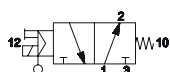


	A	B	C	D	E	F	G	H	I	L	M	N	O	P	Q	R
G1/2"	75	47	35	G1/2	78.5	63	21	41	50.5	30	54.5	100	150	154	6.4	50.5
G3/4"	75	47	35	G3/4	78.5	63	21	41	50.5	30	54.5	100	150	154	6.4	50.5
G1"	89	55	40	G1	101	76	25.5	51	64	38	62.5	115	167	175	8.4	50

3/2 Normally Closed

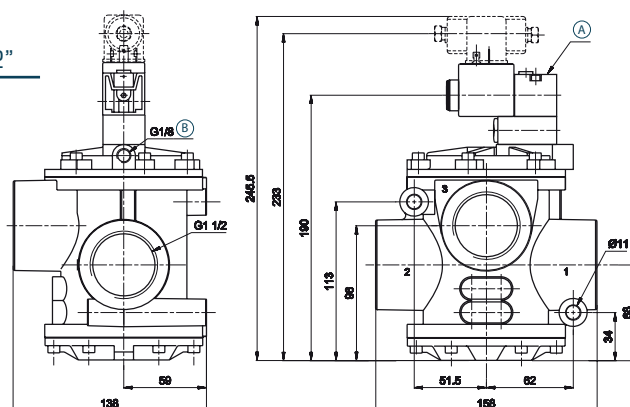


3/2 Normally Open



G1-1/2"

- 1 = Supply port (vacuum)
- 2 = Use
- 3 = Exhaust
- A = manual override
- B = Pilot port (Servo-assist)



CODE	PORT	FUNCTION	COIL	ORIFICE	TIME (ms)		MIN. PILOT PRESSURE	PUMP	MAX VACUUM		WEIGHT
				mm	energized	De-energized	Bar	M3/H	mm Hg	Torr	KG
SPV-G3020	G1/2"	3/2 NC	S2	15	16	40	3	20	759.5	0.5	1.19
SPV-G3040	G3/4"		S2	19	16	40	3	35	759.5	0.5	1.13
SPV-G3050	G1"		S2	25	18	42	3	90	759.5	0.5	1.62
SPV-G3062	G1 1/2"		S2	39	60	38	4	180	759.5	0.5	2.25
SPV-G3021	G1/2"	3/2 NO	S2	15	16	40	3	20	759.5	0.5	1.19
SPV-G3041	G3/4"		S2	19	16	40	3	35	759.5	0.5	1.13
SPV-G3051	G1"		S2	25	18	42	3	90	759.5	0.5	1.62
SPV-G3063	G1 1/2"		S2	39	60	38	4	180	759.5	0.5	2.25

VACUUM VALVES

G1/8" - G3/8"

Pneumatic poppet valves for vacuum are 3/2-way valves, available as Normally Open or Normally Closed. They require pilot pressure with compressed air to operate (servo assisted).

TECHNICAL FEATURES

BODY MATERIAL

Zamak

SEALS

Conical plungers and Vulkollan diaphragm

SPOOL

Aluminium

NOMINAL ORIFICE

See tabel below

TEMPERATURE RANGE

Fluid: -5 °C - +60°C

ambient: +50°C

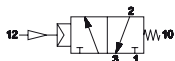
MAXIMUM PRESSURE

10 bar

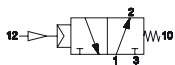
FLUID

50µm filtered, lubricated or non lubricated air

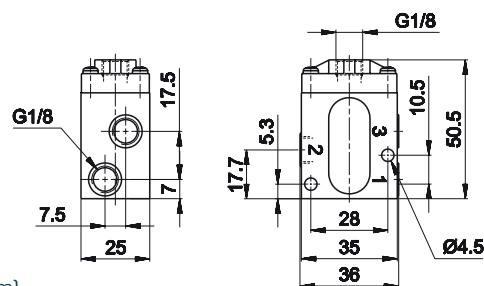
3/2 Normally Closed



3/2 Normally Open



G1/8"



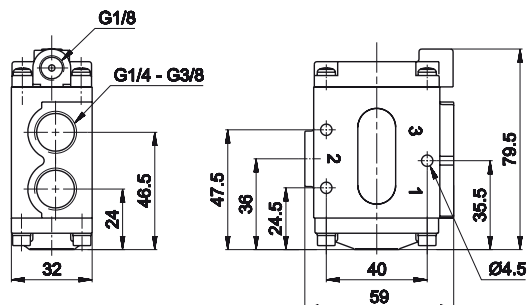
1 = Supply port (vacuum)

2 = Use

3 = Exhaust

G1/4"

G3/8"



CODE	PORT	FUNCTION	ORIFICE		TIME (ms)		MIN. PILOT PRESSURE	PUMP	MAX VACUUM		WEIGHT
			mm		energized	De-energized			mm Hg	Torr	
SPV-G3071	G1/8"	3/2 NC	5.5	3	6	6	1.5	1.5	759.5	0.5	0.21
SPV-G3073	G1/4"		8	4	8	8	2.5	4	759.5	0.5	0.54
SPV-G3075	G3/8"		10	4	8	8	2.5	10	759.5	0.5	0.52
SPV-G3072	G1/8"	3/2 NO	5.5	3	6	6	1.5	1.5	759.5	0.5	0.21
SPV-G3074	G1/4"		8	4	8	8	2.5	4	759.5	0.5	0.54
SPV-G3076	G3/8"		10	4	8	8	2.5	10	759.5	0.5	0.52

VACUUM VALVES

G1/2" - G1-1/2"

Pneumatic poppet 3/2-way valves are available as Normally Open or Normally Closed and require pilot pressure with compressed air to operate (servo assisted).

TECHNICAL FEATURES

BODY MATERIAL

Zamak G1/2" - G1"

Aluminium G1 1/2"

SEALS

Conical plungers and Vulkollan diaphragm

SPOOL

Steel & plastic

NOMINAL ORIFICE

See tabel below

TEMPERATURE RANGE

Fluid: -5 °C - +60°C

ambient: +50°C

MAXIMUM PRESSURE

10 bar

FLUID

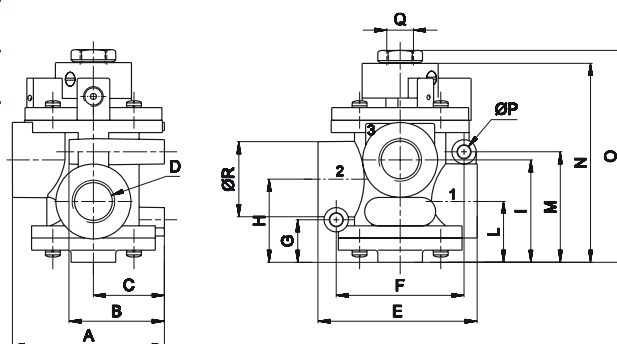
50µm filtered, lubricated or non lubricated air



G1/2"

G3/4"

G1"



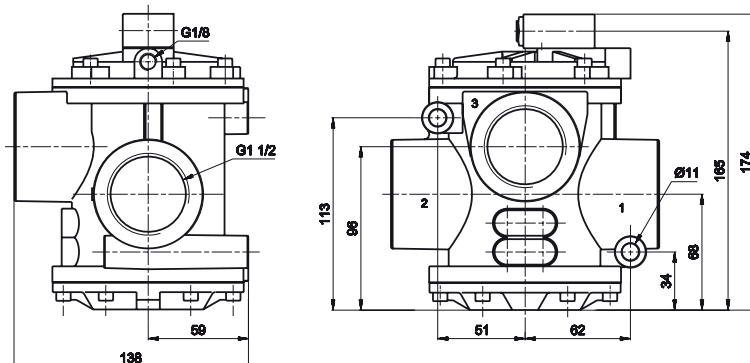
	A	B	C	D	E	F	G	H	I	L	M	N	O	P	Q	R
G1/2"	75	47	35	G1/2	78.5	63	21	41	50.5	30	54.5	100	105	6.4	G1/4	37
G3/4"	75	47	35	G3/4	78.5	63	21	41	50.5	30	54.5	100	105	6.4	G1/4	37
G1"	88.5	55	40	G1	101	76	25.5	51	64	38	62.5	115	120.5	8.4	G1/4	45

1 = Supply port (vacuum)

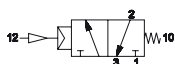
2 = Use

3 = Exhaust

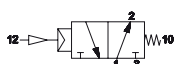
G1-1/2"



3/2 Normally Closed



3/2 Normally Open



CODE	PORT	FUNCTION	ORIFICE	TIME (ms)		MIN. PILOT PRESSURE	PUMP	MAX VACUUM		WEIGHT
			mm	energized	De-energized			mm Hg	Torr	
SPV-G3081	G1/2"	3/2 NC	15	6	15	3	20	759.5	0.5	1.16
SPV-G3091	G3/4"		19	6	15	3	35	759.5	0.5	1.10
SPV-G3100	G1"		25	7	16	3	90	759.5	0.5	1.59
SPV-G3110	G1 1/2"		39	65	25	4	180	759.5	0.5	2.19
SPV-G3082	G1/2"	3/2 NO	15	6	15	3	20	759.5	0.5	1.16
SPV-G3092	G3/4"		19	6	15	3	35	759.5	0.5	1.10
SPV-G3101	G1"		25	7	16	3	90	759.5	0.5	1.59
SPV-G3111	G1 1/2"		39	65	25	4	180	759.5	0.5	2.19

VACUUM VALVES

G1/4" - G3/8"

Solenoid poppet 3/2-way valves are available as Normally Open or Normally Closed and use internal vacuum to operate (servo assisted). Standard with manual override.

TECHNICAL FEATURES

BODY MATERIAL

Zamak

SEALS

Conical plungers and Vulkollan diaphragm

SPOOL

Aluminium

NOMINAL ORIFICE

See tabel below

TEMPERATURE RANGE

Fluid: -5 °C - +60°C

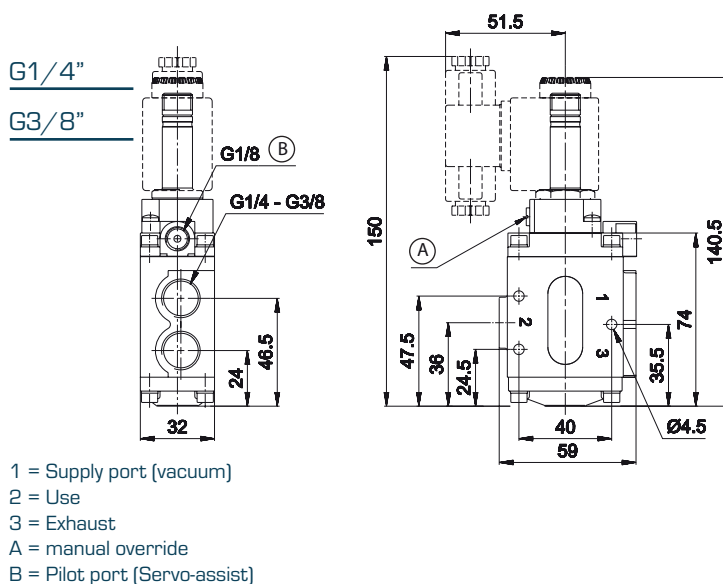
ambient: +50°C

MAXIMUM PRESSURE

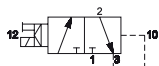
10 bar

FLUID

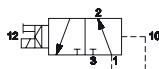
50µm filtered, lubricated or non lubricated air



3/2 Normally Closed



3/2 Normally Open



CODE	PORT	FUNCTION	ORIFICE	COIL	TIME (ms)		PUMP	MIN VACUUM		MAX VACUUM		WEIGHT
					energized	De-energized		Bar	mm Hg	Torr	mm Hg	Torr
SPV-G3210	G1/4"	3/2 NC	8	S2	25	16	4	150	610	759.5	0.5	0.52
SPV-G3214	G3/8"		10	S2	25	16	10	150	610	759.5	0.5	0.56
SPV-G3211	G1/4"	3/2 NO	8	S2	20	14	4	150	610	759.5	0.5	0.58
SPV-G3215	G3/8"		10	S2	20	14	10	150	610	759.5	0.5	0.56

VACUUM VALVES

G1/4" - G1-1/2"

Solenoid poppet 3/2-way valves are available as Normally Open or Normally Closed and require pilot pressure with compressed air to operate (servo assisted). Standard provided with a manual override.

TECHNICAL FEATURES

BODY MATERIAL

Zamak G1/2" - G1"

Aluminium G1 1/2"

SEALS

Conical plungers and Vulkollan diaphragm

SPOOL

Steel & plastic

NOMINAL ORIFICE

See tabel below

TEMPERATURE RANGE

Fluid: -5 °C - +60°C

ambient: +50°C

MAXIMUM PRESSURE

10 bar

FLUID

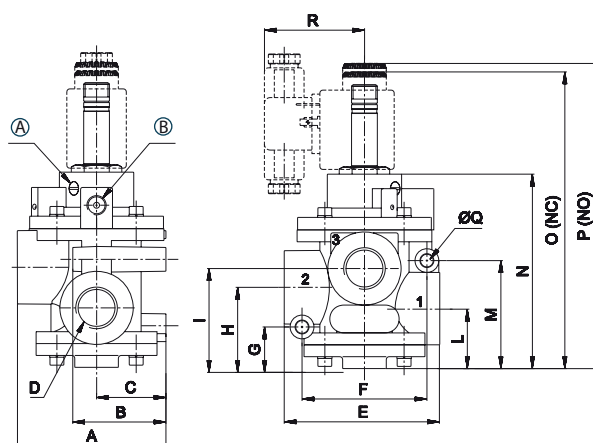
50µm filtered, lubricated or non lubricated air



G1/2"

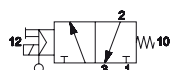
G3/4"

G1"

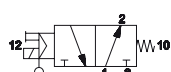


	A	B	C	D	E	F	G	H	I	L	M	N	O	P	Q	R
G1/2"	75	47	35	G1/2"	78.5	63	21	41	50.5	30	54.5	100	150	154	6.4	50.5
G3/4"	75	47	35	G1/2"	78.5	63	21	41	50.5	30	54.5	100	150	154	6.4	50.5
G1"	89	55	40	G1"	101	76	25.5	51	64	38	62.5	115	167	175	8.4	50

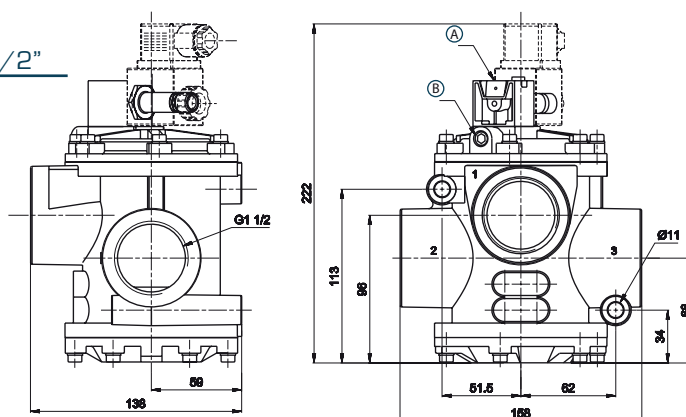
3/2 Normally Closed



3/2 Normally Open



G1-1/2"



CODE	PORT	FUNCTION	COIL	ORIFICE	TIME (ms)		PUMP	MIN. VACUUM		MAX VACUUM		WEIGHT
					energized	De-energized		mm Hg	Torr	mm Hg	Torr	
SPV-G3222	G1/2"	3/2 NC	S2	15	30	15	20	150	610	759.5	0.5	1.19
SPV-G3232	G3/4"		S2	19	30	15	35	150	610	759.5	0.5	1.13
SPV-G3242	G1"		S2	25	38	18	90	150	610	759.5	0.5	1.62
SPV-G3256	G1-1/2"		S2	39	75	50	100	150	610	759.5	0.5	2
SPV-G3222	G1/2"	3/2 NO	S2	15	20	18	20	150	610	759.5	0.5	1.19
SPV-G3232	G3/4"		S2	19	20	18	35	150	610	759.5	0.5	1.13
SPV-G3242	G1"		S2	25	25	20	90	150	610	759.5	0.5	1.62
SPV-G3256	G1-1/2"		S2	39	70	60	100	150	610	759.5	0.5	2

VACUUM VALVES

G1/4" - G1/2"

Direct solenoid poppet 3/2- or 2/2 way valves as Normally Closed.

TECHNICAL FEATURES

BODY MATERIAL

G1/4" Brass
G1/2" Aluminium

SEALS

2/2 G1/4" NBR
2/2 G1/2" Vulkollan
3/2 NBR & Vulkollan

SPOOL

Stainless steel

NOMINAL ORIFICE

See tabel below

TEMPERATURE RANGE

Fluid: -5 °C - +60°C
ambient: +50°C

MAXIMUM PRESSURE

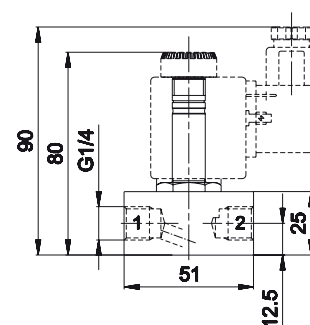
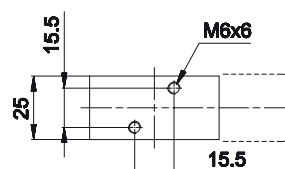
10 bar

FLUID

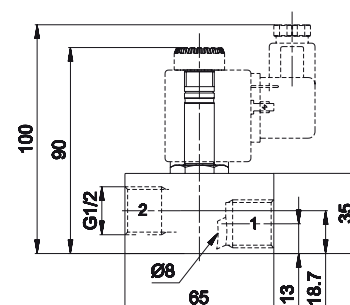
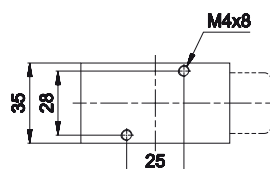
50µm filtered, lubricated or non lubricated air



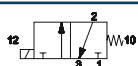
G1/4"



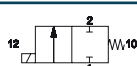
G1/2"



3/2 Normally Closed



2/2 Normally Closed



CODE	PORT	FUNCTION	COIL	ORIFICE	TIME (ms)		PUMP	MAX VACUUM		WEIGHT
				mm	energize	De-energize	M3/H	mm Hg	Torr	KG
SPV-G3310	G1/4	3/2 NC	S2	3	10	10	1.8	759.5	0.5	0.22
SPV-G3311	G1/4		S2	4	12	8	2.5	759.5	0.5	0.22
SPV-G3312	G1/4		S2	5	13	8	4	759.5	0.5	0.22
SPV-G3313	G1/4		S2	6	15	8	5	759.5	0.5	0.22
SPV-G3300	G1/2		S2	8	17	8	6	759.5	0.5	0.25
SPV-G3301	G1/2		S2	10	20	10	7.5	759.5	0.5	0.25
SPV-G3302	G1/2		S2	11	28	10	10	759.5	0.5	0.25
SPV-G3303	G1/4	2/2 NC	S2	3	10	-	1.8	759.5	0.5	0.22
SPV-G3330	G1/4		S2	4	12	-	2.5	759.5	0.5	0.22
SPV-G3331	G1/4		S2	5	13	-	4	759.5	0.5	0.22
SPV-G3332	G1/4		S2	6	15	-	5	759.5	0.5	0.22
SPV-G3320	G1/2		S2	8	17	-	6	759.5	0.5	0.25
SPV-G3321	G1/2		S2	10	20	-	7.5	759.5	0.5	0.25
SPV-G3322	G1/2		S2	11	28	-	10	759.5	0.5	0.25