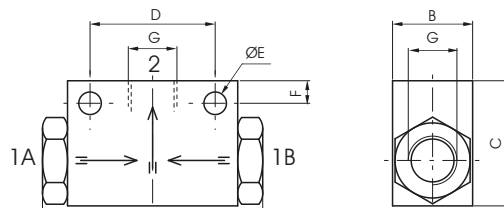


Shuttle valve "OR"

Coding: 6.04.1

Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max working pressure (bar)	10
Temperature °C	-5 ÷ +70

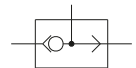
CONNECTION (IN)	
05	M5
18	G1/8"
14	G1/4"



G	M5	1/8"	1/4"
A	27	44	62
B	12	16	22
C	17	25	30
D	15	25	35
E	3,5	4,5	5,5
F	3,5	4,5	5,5
Weight g	33	50	110

Flow rate at 6 bar with  $\Delta p = 1$

Nl/min.	110	700	2200
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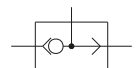
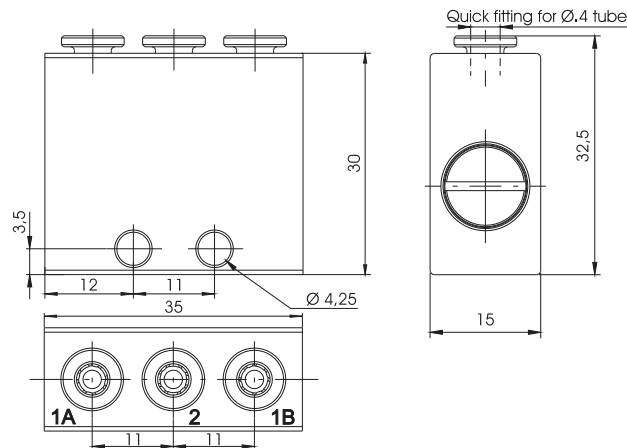


Weight "see table"

Shuttle valve "OR" - T=4

Coding: 6.04.04

Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max working pressure (bar)	10
Temperature °C	-5 ÷ +70
Flow rate at 6 bar with $\Delta p = 1$ (Nl/min)	105
Orifice size (mm)	2.5
Working ports size	Fitting T=4



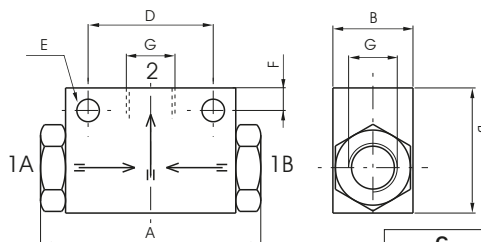
Weight 50g

Shuttle valve "AND"-M5-G1/8"

Coding: 6.04.1/1

Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max working pressure (bar)	10
Temperature °C	-5 ÷ +70

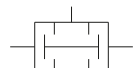
CONNECTION (IN)	
05	M5
18	G1/8"



G	M5	1/8"
A	36	44
B	12	16
C	22	45
D	20	25
E	3,2	4,5
F	3,5	4,5
Weight g	30	50

Flow rate at 6 bar with  $\Delta p = 1$

Nl/min.	100	480
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Weight "see table"

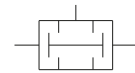
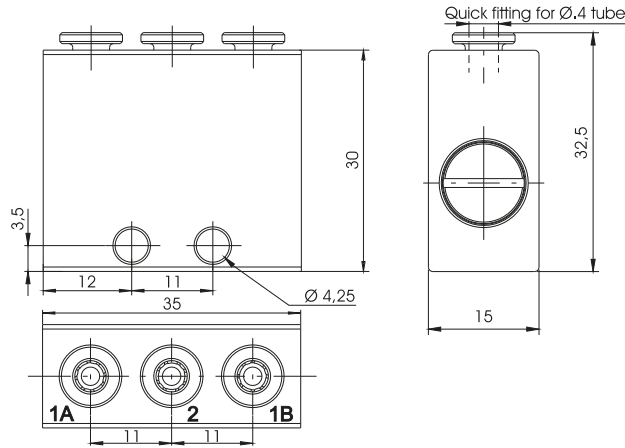


AIR DISTRIBUTION

**Shuttle valve "AND" - T=4**

Coding: 6.04.04/1

Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max working pressure (bar)	10
Temperature °C	-5 ÷ +70
Flow rate at 6 bar with Δp=1 (NI/min)	105
Orifice size (mm)	2.5
Working ports size	Fitting T=4



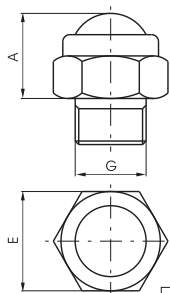
Weight 50 g

**Silencers steel wool**

Coding: 6.05.1

Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max working pressure (bar)	10
Temperature °C	-5 ÷ +70

CONNECTION (IN)	
18	= G1/8"
14	= G1/4"
38	= G3/8"
12	= G1/2"



G	1/8"	1/4"	3/8"	1/2"
A	12	13	15	17
E	14	17	22	27
Weight g	8	16	32	44



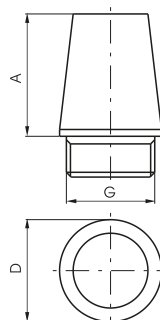
Weight \*see table\*

**Silencers brass**

Coding: 6.06.1

Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max working pressure (bar)	10
Temperature °C	-5 ÷ +70

CONNECTION (IN)	
05	= M5
18	= G1/8"
14	= G1/4"
38	= G3/8"
12	= G1/2"
34	= G3/4"
01	= G1"



G	M5	1/8"	1/4"	3/8"	1/2"	3/4"	1"
A	17	15	18	28	32	40	50
D	8	12	15	19	23	29	38
Weight g	4	8	15	35	50	92	182



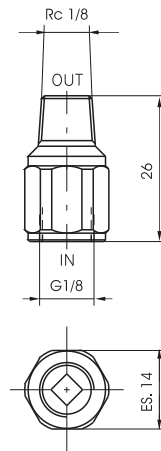
Weight \*see table\*

**G 1/8" compact check valves**

Coding: 6.07.18.Ⓒ

Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max working pressure (bar)	2,5 ÷ 10
Temperature °C	-5 ÷ +70
Flow rate at 6 bar with Δp=1 (NI/min)	100

SEALS	
Ⓒ R = NBR	
VR = FPM	



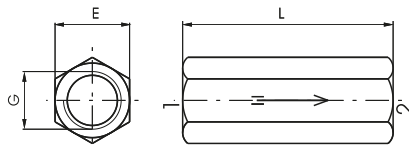
Weight 50 g

**Non return valve**

Coding: 6.07.Ⓙ

Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max working pressure (bar)	10
Temperature °C	-5 ÷ +70 (+150°C FPM)

SEALS	
05 = NBR-M5	
18 = NBR-G1/8"	
14 = NBR-G1/4"	
38 = NBR-G3/8"	
12 = NBR-G1/2"	
18V = FPM-G1/8"	
14V = FPM-G1/4"	
38V = FPM-G3/8"	
12V = in FPM-G1/2"	



	G	M5	1/8"	1/4"	3/8"	1/2"
E	10	14	17	21	25	
L	21	37	48	50	60	
Weight g	14	35	60	85	136	
Flow rate at 6 bar with Δp = 1	NI/min.	160	650	1150	2600	3500



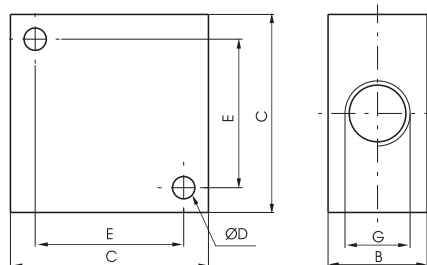
Weight "see table"

**Manifold 4 ports**

Coding: 6.08.Ⓒ/4

Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max working pressure (bar)	20
Temperature °C	-5 ÷ +70

WORKING PORTS SIZE	
05 = M5	
18 = G1/8"	
14 = G1/4"	
38 = G3/8"	
12 = G1/2"	



	G	M5	1/8"	1/4"	3/8"	1/2"
B	10	16	20	20	30	
C	20	32	40	40	50	
D	3,3	4,5	4,5	5,5	6,5	
E	14	22	30	30	38	
Weight g	28	38	68	54	135	

Weight "see table"

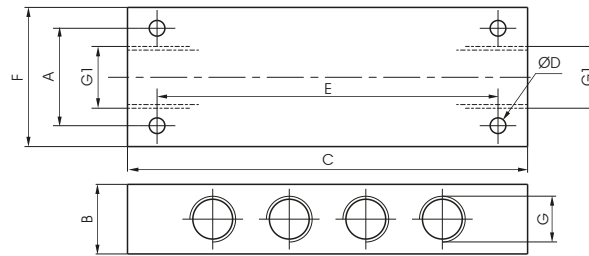


**Manifold 10 ports**

Coding: 6.08.Ⓒ/8

Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max working pressure (bar)	20
Temperature °C	-5 ÷ +70

WORKING PORTS SIZE	
05	= M5
18	= G1/8"
14	= G1/4"
38	= G3/8"
12	= G1/2"



G	M5	1/8"	1/4"	3/8"	1/2"
G1	G1/8"	1/8"	1/4"	3/8"	1/2"
A	16	20	28	28	36
B	12	18	20	20	30
C	60	90	115	130	170
ØD	3,3	4,5	4,5	5,5	5,5
E	50	75	98	112	150
F	22	32	40	40	50
Weight g	92	110	185	165	460

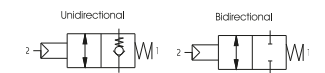
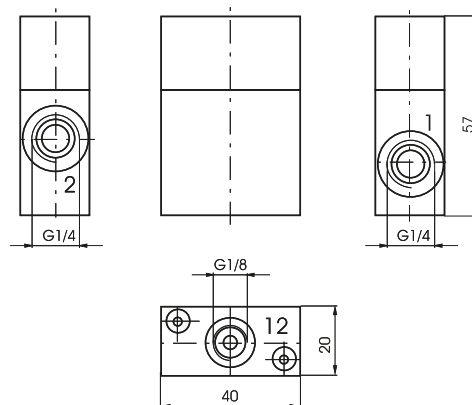
Weight \*see table"

**Block valve G1/4"**

Coding: 6.09.14.Ⓕ

Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max working pressure (bar)	10
Maximum piloting pressure (bar)	4
Temperature °C	-5 ÷ +70
Flow rate at 6 bar with Δp=1 (NI/min)	700
Orifice size (mm)	7

FUNCTION	
UN	= Unidirectional
BN	= Bidirectional



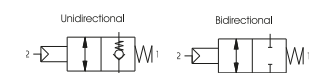
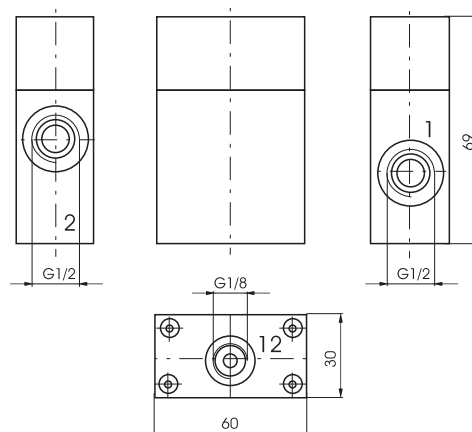
Weight 122 g

**Block valve G1/2"**

Coding: 6.09.12.Ⓕ

Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max working pressure (bar)	10
Maximum piloting pressure (bar)	4
Temperature °C	-5 ÷ +70
Flow rate at 6 bar with Δp=1 (NI/min)	2000
Orifice size (mm)	12

FUNCTION	
UN	= Unidirectional
BN	= Bidirectional



Weight 305 g

AIR DISTRIBUTION

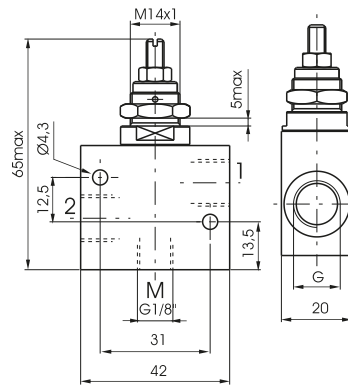
1

**Economizer**

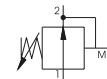
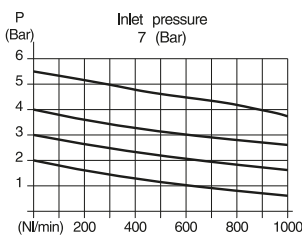
Coding: 6.11.ⓐ

Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max working pressure (bar)	10
Pressure range (bar)	0 ÷ 5,5
Temperature °C	-5 ÷ +70
Flow rate at 6 bar with Δp=1 (NI/min)	860
Orifice size (mm)	6

WORKING PORTS SIZE	
ⓐ	18 = G1/8"
	14 = G1/4"



FLOW RATE CURVES  
FROM 1 TO 2



Weight 85 g

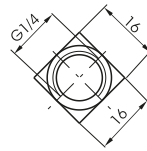
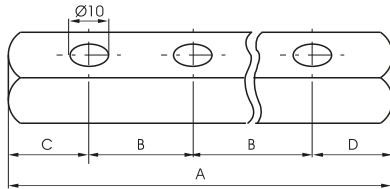
1  
AIR DISTRIBUTION



Gang mounting manifold for valves and solenoid valves G1/8"

Coding: 6.10.18. S/P

VALVE SIZE	
18	= 18 mm
25	= 25 mm
<b>S</b> 26	= 26 mm
30	= 30 mm
32	= 32 mm
35	= 35 mm
N. POSITIONS	
2	= N. 2 positions
3	= N. 3 positions
4	= N. 4 positions
<b>P</b> 5	= N. 5 positions
6	= N. 6 positions
7	= N. 7 positions
8	= N. 8 positions
9	= N. 9 positions
10	= N. 10 positions



	N. OF POSITIONS									
	2	3	4	5	6	7	8	9	10	
A	58	76	94	112	130	148	166	184	202	
B	18	18	18	18	18	18	18	18	18	
C	20	20	20	20	20	20	20	20	20	
D	20	20	20	20	20	20	20	20	20	
Weight g	55	80	105	130	155	180	205	230	255	

6.10.18.18/P  
Weight \*see table"

	N. OF POSITIONS									
	2	3	4	5	6	7	8	9	10	
A	70	95	120	145	170	195	220	245	270	
B	25	25	25	25	25	25	25	25	25	
C	20	20	20	20	20	20	20	20	20	
D	25	25	25	25	25	25	25	25	25	
Weight g	80	115	150	185	220	255	290	325	360	

6.10.18.25/P  
Weight \*see table"

	N. OF POSITIONS									
	2	3	4	5	6	7	8	9	10	
A	66	92	118	144	170	196	222	248	274	
B	26	26	26	26	26	26	26	26	26	
C	20	20	20	20	20	20	20	20	20	
D	20	20	20	20	20	20	20	20	20	
Weight g	70	110	145	185	220	260	300	340	375	

6.10.18.26/P  
Weight \*see table"

	N. OF POSITIONS									
	2	3	4	5	6	7	8	9	10	
A	80	110	140	170	200	230	260	290	320	
B	30	30	30	30	30	30	30	30	30	
C	25	25	25	25	25	25	25	25	25	
D	25	25	25	25	25	25	25	25	25	
Weight g	100	140	180	220	260	300	340	380	420	

6.10.18.30/P  
Weight \*see table"

	N. OF POSITIONS									
	2	3	4	5	6	7	8	9	10	
A	82	114	146	178	210	242	274	306	338	
B	32	32	32	32	32	32	32	32	32	
C	25	25	25	25	25	25	25	25	25	
D	25	25	25	25	25	25	25	25	25	
Weight g	100	145	190	235	280	325	370	415	460	

6.10.18.32/P  
Weight \*see table"

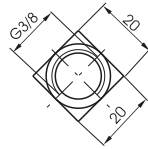
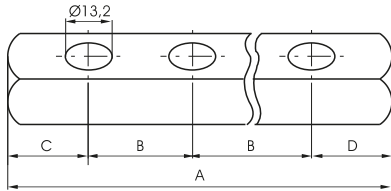
	N. OF POSITIONS									
	2	3	4	5	6	7	8	9	10	
A	89	124	159	194	229	264	299	334	369	
B	35	35	35	35	35	35	35	35	35	
C	27	27	27	27	27	27	27	27	27	
D	27	27	27	27	27	27	27	27	27	
Weight g	110	160	210	260	310	360	410	460	510	

6.10.18.35/P  
Weight \*see table"

1 AIR DISTRIBUTION



**Gang mounting manifold for valves and solenoid valves G1/4"**



Coding: 6.10.14.S/P

	VALVE SIZE
	20 = 20 mm
<b>S</b>	25 = 25 mm
	30 = 30 mm
	35 = 35 mm
	45 = 45 mm
	N. POSITIONS
	2 = N. 2 positions
	3 = N. 3 positions
	4 = N. 4 positions
<b>P</b>	5 = N. 5 positions
	6 = N. 6 positions
	7 = N. 7 positions
	8 = N. 8 positions
	9 = N. 9 positions
	10 = N. 10 positions

1  
AIR DISTRIBUTION

	N. OF POSITIONS									
	2	3	4	5	6	7	8	9	10	
A	65	85	105	125	145	165	185	205	225	
B	20	20	20	20	20	20	20	20	20	
C	22,5	22,5	22,5	22,5	22,5	22,5	22,5	22,5	22,5	
D	22,5	22,5	22,5	22,5	22,5	22,5	22,5	22,5	22,5	
Weight g	130	150	190	190	210	230	250	270	290	

6.10.14.20/P  
Weight "see table"

	N. OF POSITIONS									
	2	3	4	5	6	7	8	9	10	
A	75	100	125	150	175	200	225	250	275	
B	25	25	25	25	25	25	25	25	25	
C	25	25	25	25	25	25	25	25	25	
D	25	25	25	25	25	25	25	25	25	
Weight g	140	170	200	230	260	290	320	350	380	

6.10.14.25/P  
Weight "see table"

	N. OF POSITIONS									
	2	3	4	5	6	7	8	9	10	
A	80	110	140	170	200	230	260	290	320	
B	30	30	30	30	30	30	30	30	30	
C	25	25	25	25	25	25	25	25	25	
D	25	25	25	25	25	25	25	25	25	
Weight g	150	190	230	270	310	350	390	430	470	

6.10.14.30/P  
Weight "see table"

	N. OF POSITIONS									
	2	3	4	5	6	7	8	9	10	
A	85	120	155	190	225	260	295	335	365	
B	35	35	35	35	35	35	35	35	35	
C	30	30	30	30	30	30	30	30	30	
D	20	20	20	20	20	20	20	20	20	
Weight g	160	210	260	310	360	410	460	510	560	

6.10.14.35/P  
Weight "see table"

	N. OF POSITIONS									
	2	3	4	5	6	7	8	9	10	
A	115	160	205	250	295	340	385	430	475	
B	45	45	45	45	45	45	45	45	45	
C	35	35	35	35	35	35	35	35	35	
D	35	35	35	35	35	35	35	35	35	
Weight g	200	275	350	425	500	575	650	725	800	

6.10.14.45/P  
Weight "see table"

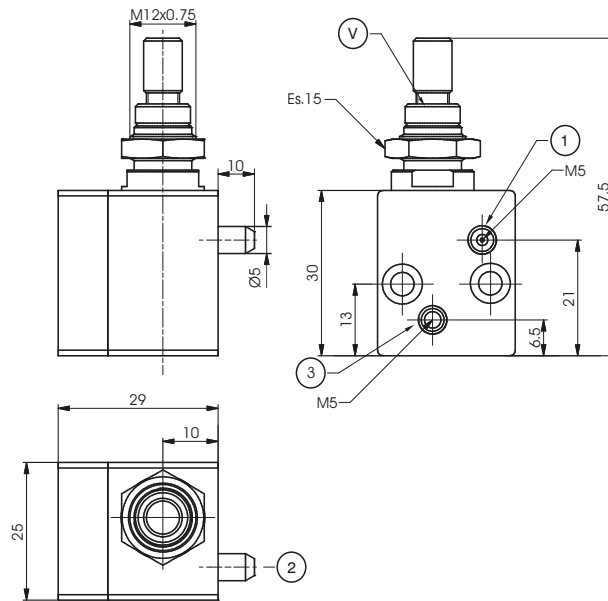
**Spry valves**

Coding: 6.13.00

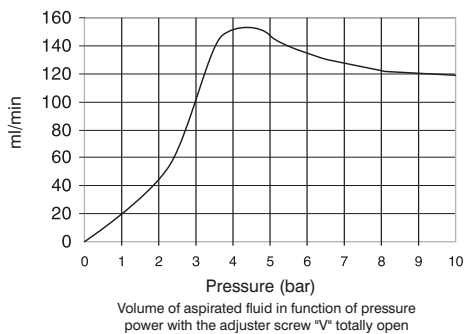
**Construction characteristics**

- This valve, is based on the Venturi principle, and it is used to spray and nebulize a liquid.
- Useful in all applications where is needed a continuous lubrication and / or refrigeration.
- Incoming air (connection 1) sucks the liquid through the venturi principle (connection 3) to obtain a continuous spray output (connection 2).

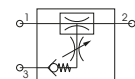
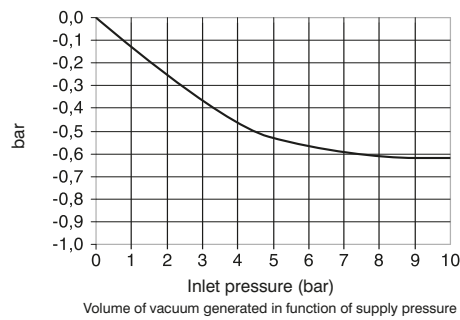
Technical characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Liquid	Water and oil (Liquid viscosity 3°E-5°E)
Working pressure (bar)	3 ÷ 10
Temperature °C	-5 ÷ +70
Weight (g)	85



**Liquid consumption diagram**



**Vacuum diagram**



Supply air : Connection 1  
Output (air and nebulized liquid) : Connection 2  
Supply liquid : Connection 3

1 AIR DISTRIBUTION