

Preparation of compressed air ► Supplementary products

Filling valve, pneumatically operated, Series NL2-SSV

► G 1/4 ► pipe connection



00106024

Version	Poppet valve, Can be assembled into blocks
Working pressure min./max.	0 bar / 16 bar
Medium	Compressed air
	Neutral gases
Medium temperature min./max.	-10 °C / +60 °C
Ambient temperature min./max.	-10 °C / +60 °C
Sealing principle	Soft sealing
Control pressure min./max.	2.5 bar / 16 bar
Max. particle size	5 µm
Materials:	
Housing	Die cast zinc
Front plate	Acrylonitrile butadiene styrene
Seals	Acrylonitrile Butadiene Rubber
Threaded bushing	Die cast zinc

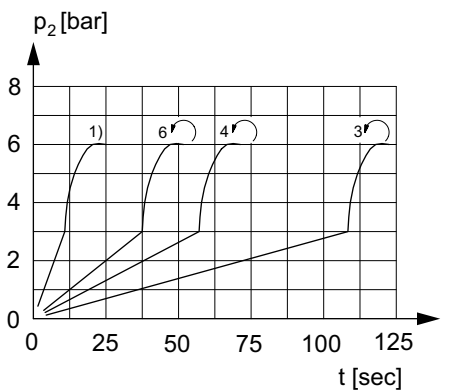
Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- Builds up pressure slowly in the pneumatic systems, i.e. prevents a sudden pressure build-up during a restart after a mains pressure failure or avoids emergency OFF switching. This also avoids dangerous, jerky cylinder movements.

	Port	Qn [l/min]	Weight [kg]	Note	Part No.
	G 1/4	1000	0.325	1)	0821300926
	G 1/4	1000	0.31	2)	0821300925

Nominal flow Qn with secondary pressure 6 bar at $\Delta p = 1$ bar
1) adjustable filling
2) Filling with fixed diaphragm

Secondary pressure while filling



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adjustable filling
1) Fully opened
 p_2 = secondary pressure
 t = fill time

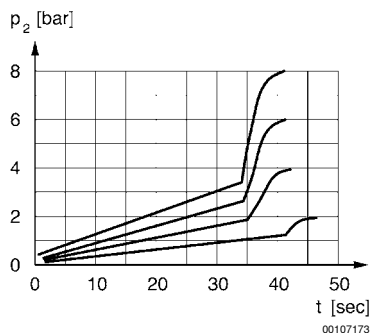
Supplementary products

Part numbers marked in bold are available from the central warehouse in Germany, see the shopping basket for more detailed information

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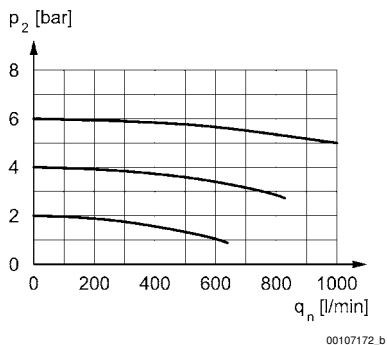
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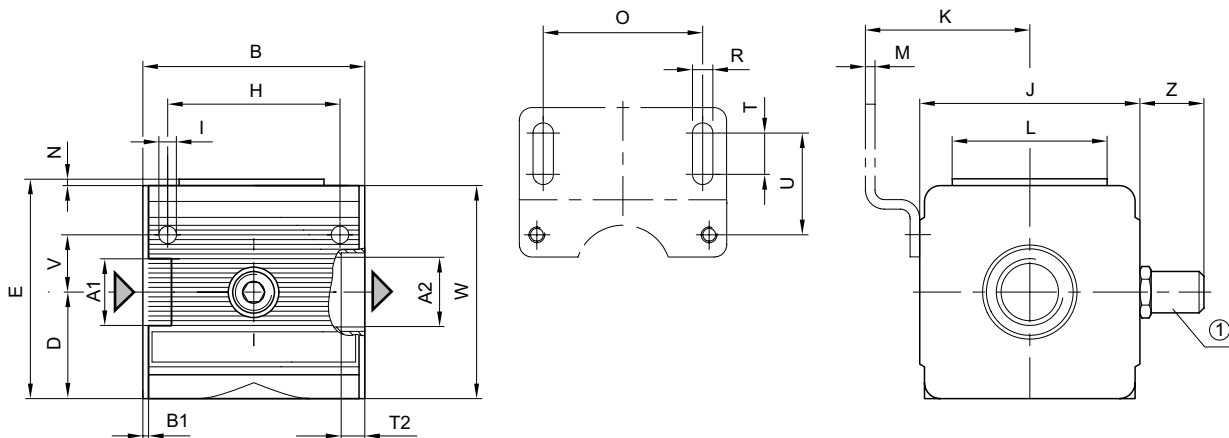
Filling with fixed diaphragm
p₂ = secondary pressure
t = fill time

Flow rate characteristic



p₂ = secondary pressure
q_n = nominal flow

Dimensions



A1 = input
A2 = output
1) Adjustment screw for filling time

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Part No.	A1	A2	B	B1	D	E	H	I	J	K	L	M
0821300926	G 1/4	G 1/4	48	1.5	28	56	36	4.4	47	43.5	33.5	3
0821300925	G 1/4	G 1/4	48	1.5	28	56	36	4.4	47	43.5	33.5	3

Part No.	N	O	R	T	T1	T2	U	V	W	Z		
0821300926	2	38	5.4	8	1.5	9.5	27.5	12.3	52	20		
0821300925	2	38	5.4	8	1.5	9.5	27.5	12.3	52	–		