

Preparation of compressed air ► Supplementary products

Filling valve, pneumatically operated, Series NL6-SSV

► G 3/4 - G 1 ► pipe connection



00106947

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 aluminum
Front plate	Die cast zinc
Seals	Acrylonitrile Butadiene Rubber
Threaded bushing	Die cast zinc

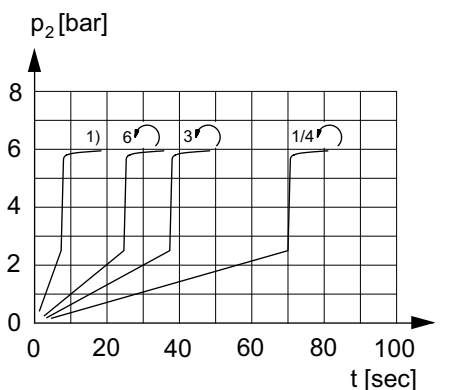
Technical Remarks

- 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.
- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.

	Port	Qn	Weight	Part No.
		[l/min]	[kg]	
	G 3/4			0821300974
	G 1	12000	1.48	0821300967

Nominal flow Qn with secondary pressure 6 bar at $\Delta p = 1$ bar

Secondary pressure while filling



00107176

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

Supplementary products

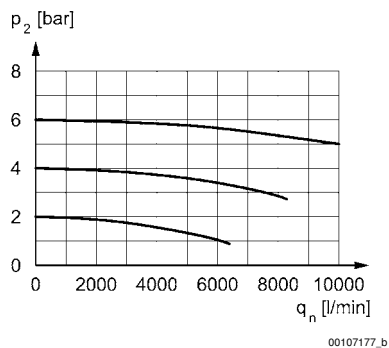
Part numbers marked in bold are available from the central warehouse in Germany, see the shopping basket for more detailed information

Pneumatics catalog, online PDF, as of 2015-02-19, ©AVENTICS S.a.r.l., subject to change

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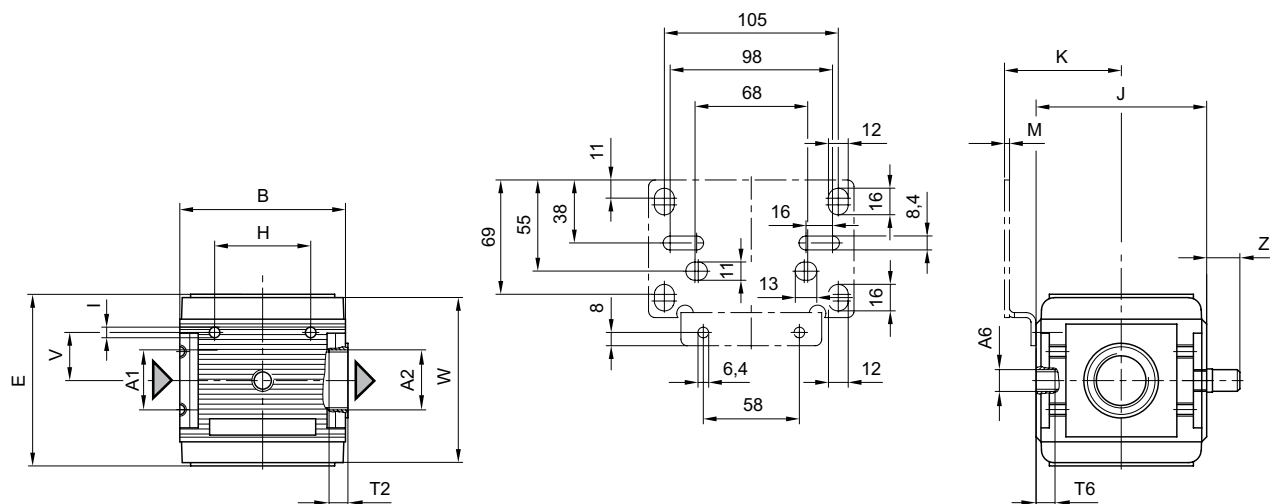
► G 3/4 - G 1 ► pipe connection

Flow rate characteristic



p2 = secondary pressure
qn = nominal flow

Dimensions



A1 = input
A2 = output

Part No.	A1	A2	A6	B	E	H	I	J	K	M	T2	T6
0821300974	G 3/4	G 3/4	G 1/4	100	103	58	M6	103	70.5	3	18	7
0821300967	G 1	G 1	G 1/4	100	103	58	M6	103	70.5	3	18	7

Part No.	V	W	Z									
0821300974	29	100	20									
0821300967	29	100	20									