AVENTICS

Directional valves ► Supplementary products

Silencers, series SI1

Rexroth
Pneumatics

Brochure

Directional valves ► Supplementary products

Silencers, series SI1

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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 2015-06-05, ©AVENTICS S.a.r.l., subject to change

Silencers, Series SI1

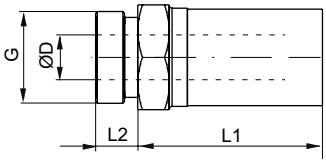
► Stainless steel

Working pressure min./max.	0 bar / 12 bar
Ambient temperature min./max.	-20°C / +150°C
Medium	Compressed air
Materials:	
Silencers	Stainless steel
Thread	Stainless steel

00136335

Compressed air connection	Sound pressure level	Qn	Delivery quantity	Weight	Part No.
	[dB]	[l/min]	[Piece(s)]	[kg]	
M5	85	125	1	0.003	R412010090
G 1/8	90	465	1	0.011	**R412010081**
G 1/4	93	850	1	0.021	**R412010082**
G 3/8	101	1300	1	0.028	**R412010083**
G 1/2	95	1915	1	0.048	R412010084
G 3/4	110	2415	1	0.076	R412010085
G 1	100	6000	1	0.099	**R412010086**

Dimensions



00134183

Part No.	Port G	SW	Ø D	L1	L2	Weight [kg]	Delivery quantity [Piece]				
R412010090	M5	8	3.1	10.5	3.5	0.003	1				
R412010081	G 1/8	13	6.6	20	6	0.011	1				
R412010082	G 1/4	16	8.6	29.5	7.5	0.021	1				
R412010083	G 3/8	19	12.1	33.5	7.5	0.028	1				
R412010084	G 1/2	24	15.3	39.5	9.5	0.048	1				
R412010085	G 3/4	30	19.3	45	10	0.076	1				
R412010086	G 1	36	25.5	49.5	11.5	0.099	1				
Sound pressure level measured at 6 bar at 1 m distance											

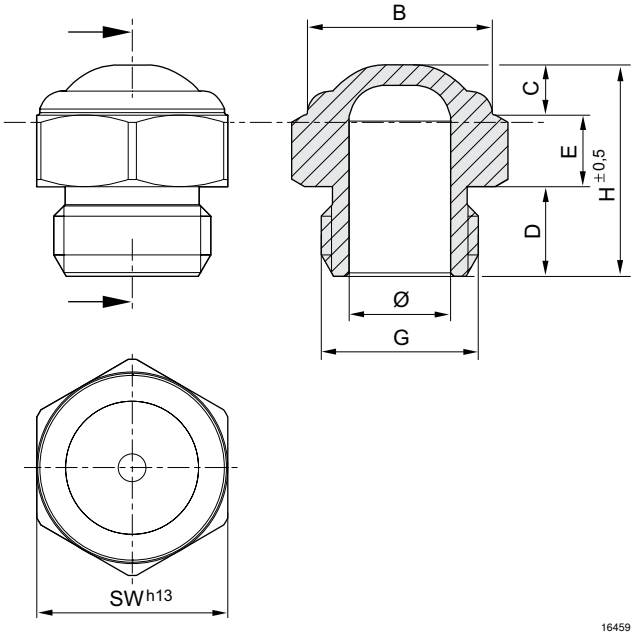
Silencers, Series SI1
► Stainless steel

Working pressure min./max.	0 bar / 12 bar
Ambient temperature min./max.	-20°C / +150°C
Medium	Compressed air
Materials:	
Silencers	Stainless steel
Thread	Stainless steel

16467

Compressed air connection	Sound pressure level	Delivery quantity	Weight	Part No.
	[dB]	[Piece(s)]	[kg]	
M5	68	10	0.006	R412010686
G 1/8	73	10	0.01	**R412010687**
G 1/4	93	10	0.002	R412007817

Dimensions



16459

Silencers, Series SI1

► Stainless steel

Part No.	Port G	Ø	B	D	E	H	SW	Weight [kg]	Delivery quantity [Piece]		
R412010686	M5	2.5	6.5	4	3	8	8	0.006	10		
R412010687	G 1/8	6	11	6	4	15	13	0.01	10		
R412007817	G 1/4	8.5	12	8	5	18	16	0.002	10		
Sound pressure level measured at 6 bar at 4,6 m distance											

Silencers, Series SI1

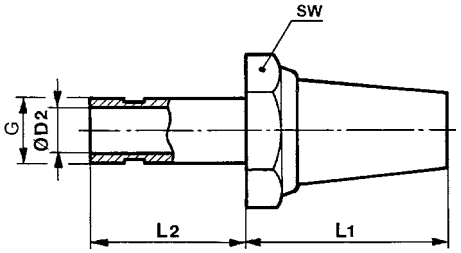
► Sintered bronze

1100-621

Working pressure min./max.	0 bar / 10 bar
Ambient temperature min./max.	-25°C / +80°C
Medium	Compressed air
Materials:	
Silencers	Sintered bronze
push-in fitting	Brass

Compressed air connection	Sound pressure level	Qn	Delivery quantity	Weight	Part No.
	[dB]	[l/min]	[Piece(s)]	[kg]	
Ø 4	72	360	5	0.004	**8240040000**
Ø 6	-	900	5	0.01	**8240060000**
Ø 8	75	2100	5	0.019	**8240080000**

Dimensions



D100_063

Part No.	Port G	Ø D2	L1	L2	SW	Weight [kg]	Delivery quantity [Piece]				
8240040000	Ø 4	2.5	16	17	10	0.004	5				
8240060000	Ø 6	4	18	19	13	0.01	5				
8240080000	Ø 8	6	25	19	17	0.019	5				
Sound pressure level measured at 6 bar at 1 m distance											

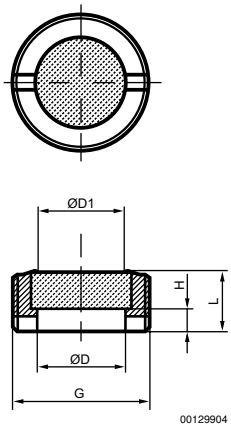
Silencers, Series SI1
► Sintered bronze

Working pressure min./max.	0 bar / 10 bar
Ambient temperature min./max.	-25°C / +80°C
Medium	Compressed air
Materials:	
Silencers	Sintered bronze
Thread	Brass

00128791

Compressed air connection	Delivery quantity [Piece(s)]	Part No.
G 1/8	10	**1827430004**
G 1/4	10	**R414000155**
G 3/8	5	**R412007875**
G 1/2	2	**R412007876**
G 3/4	2	R412007877
G 1	2	R412007878

Dimensions



Part No.	Port G	Ø D	Ø D1	H	L	Delivery quantity [Piece]					
1827430004	G 1/8	6	5	2	4	10					
R414000155	G 1/4	8	6	3	6	10					
R412007875	G 3/8	10	8	3	7	5					
R412007876	G 1/2	15	12	5	9	2					
R412007877	G 3/4	20	17	3.4	8	2					
R412007878	G 1	26	23	5.5	9.5	2					

Silencers, Series SI1

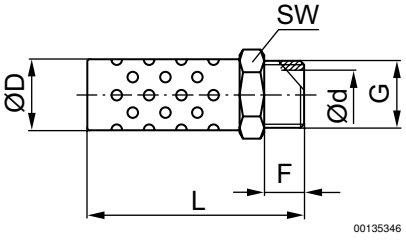
► Metal braiding

Working pressure min./max.	0 bar / 15 bar
Ambient temperature min./max.	-10°C / +150°C
Medium	Compressed air
Materials:	
Silencers	Metal braiding
Thread	Aluminum

00134016

Compressed air connection	Sound pressure level	Qn	Delivery quantity	Part No.
	[dB]	[l/min]	[Piece(s)]	
G 1/8	94	520	10	R412010283
G 1/4	96	810	10	R412010245
G 3/8	98	1800	5	**R412010246**
G 1/2	100	3000	5	**R412010247**
G 3/4	102	5800	2	R412010248
G 1	104	8500	2	**R412010249**

Dimensions



Part No.	Port G	L	F	D	d	SW	Delivery quantity [Piece]				
R412010283	G 1/8	33.5	6	10.4	6	11	10				
R412010245	G 1/4	42.5	8.5	13.4	8.5	14	10				
R412010246	G 3/8	49.2	9	16.5	12	17	5				
R412010247	G 1/2	65.2	11	21.5	15	22	5				
R412010248	G 3/4	74.5	12	16.5	20	27	2				
R412010249	G 1	91	15.5	32.3	26	34	2				

Sound pressure level measured at 6 bar at 1 m distance

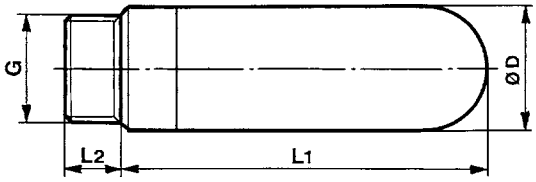
Silencers, Series SI1
► Polyethylene

P100_064

Working pressure min./max.	0 bar / 10 bar
Ambient temperature min./max.	-25°C / +80°C
Medium	Compressed air
Materials:	
Silencers	Polyethylene
Thread	Polyethylene

Compressed air connection	Sound pressure level	Qn	Delivery quantity	Weight	Part No.
	[dB]	[l/min]	[Piece(s)]	[kg]	
M5	-	-	5	0.001	**1827000018**
G 1/8	78	1500	5	0.002	**1827000019**
G 1/4	80	3100	5	0.003	**1827000020**
G 3/8	85	5300	2	0.008	**1827000021**
G 1/2	88	7000	1	0.013	**1827000022**
G 3/4	-	-	1	0.04	**1827000023**
G 1	-	-	1	0.055	**1827000024**

Dimensions



D100_065

Part No.	Port G	Ø D	L1	L2	Weight [kg]	Delivery quantity [Piece]					
1827000018	M5	6.5	17.5	4	0.001	5					
1827000019	G 1/8	12.5	28.5	5.5	0.002	5					
1827000020	G 1/4	15.5	34.5	8	0.003	5					
1827000021	G 3/8	18.5	56	11.5	0.008	2					
1827000022	G 1/2	23.3	66.5	11	0.013	1					
1827000023	G 3/4	38.5	115.5	16	0.04	1					
1827000024	G 1	49	140	21	0.055	1					

Sound pressure level measured at 6 bar at 1 m distance

Silencers, Series SI1

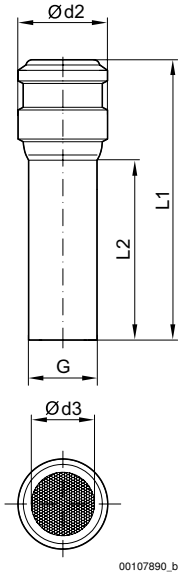
► Sintered bronze

00112356

Working pressure min./max.	0 bar / 10 bar
Ambient temperature min./max.	-10°C / +80°C
Medium	Compressed air
Materials:	
Silencers	Sintered bronze
push-in fitting	Polyamide

Compressed air connection	Delivery quantity [Piece(s)]	Weight [kg]	Part No.
Ø 4	2	0.002	1827000039
Ø 6	2	0.003	**1827000041**
Ø 8	2	0.004	1827000042
Ø 10	2	0.009	1827000043
Ø 12	2	0.011	1827000044
Ø 14	2	0.021	1827000045

Dimensions



Part No.	Port G	Ø d2	Ø d3	L1	L2	Weight [kg]	Delivery quantity [Piece]				
1827000039	Ø 4	7	3.6	34.5	24	0.002	2				
1827000041	Ø 6	8	4.3	41	31	0.003	2				
1827000042	Ø 8	10	6.2	41.5	30.5	0.004	2				
1827000043	Ø 10	12	7.7	49.5	37	0.009	2				
1827000044	Ø 12	14	11	54	38	0.011	2				
1827000045	Ø 14	16	14	48	30	0.021	2				

Exhaust cap, Series SI1

Working pressure min./max.	0 bar / 10 bar
Ambient temperature min./max.	-5°C / +50°C
Medium	Compressed air

8931-731

Compressed air connection	Delivery quantity [Piece(s)]	Weight [kg]	Part No.
G 1/8	10	0.004	**8994701700**
G 1/4	10	0.007	**8994701900**
G 3/8	5	0.067	**8994701200**

Dimensions

Fig. 1

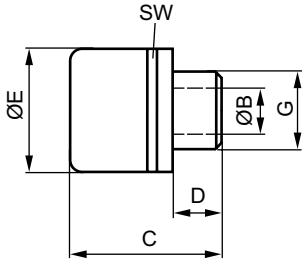
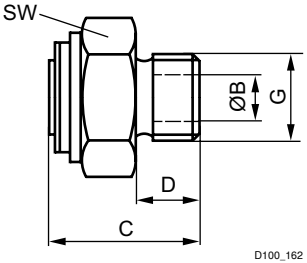


Fig. 2



D100_162

Part No.	Port G	Fig.	B	C	D	E	SW	Weight [kg]	Delivery quantity [Piece]		
8994701700	G 1/8	1	5	19	6.5	15	14	0.004	10		
8994701900	G 1/4	1	8	20.5	8	20	19	0.007	10		
8994701200	G 3/8	2	9	30	12	–	27	0.067	5		

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05-06-2015

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