

Spring-loaded plunger, Series PSL

2024-04-05

0821305177

Series AS5

Qn = 14500 l/min



Technical data

Industry	Industrial
Type	not non-rotating
Min. ambient temperature	0 °C
Max. ambient temperature	80 °C
Spring rate	0.452 N/mm
Spring pre-tensioning	1.4 N
Max. vertical load (static)	2400 N
Max. horizontal load (static)	466 N
Bending moment	36.6 Nm
Weight	0.175 kg
Housing material	Steel, chrome-plated
Surface housing	galvanized
Material guide insert	Brass
Material spring	Steel, chrome-plated
Material nut	Steel, chrome-plated
Part No.	0821305177

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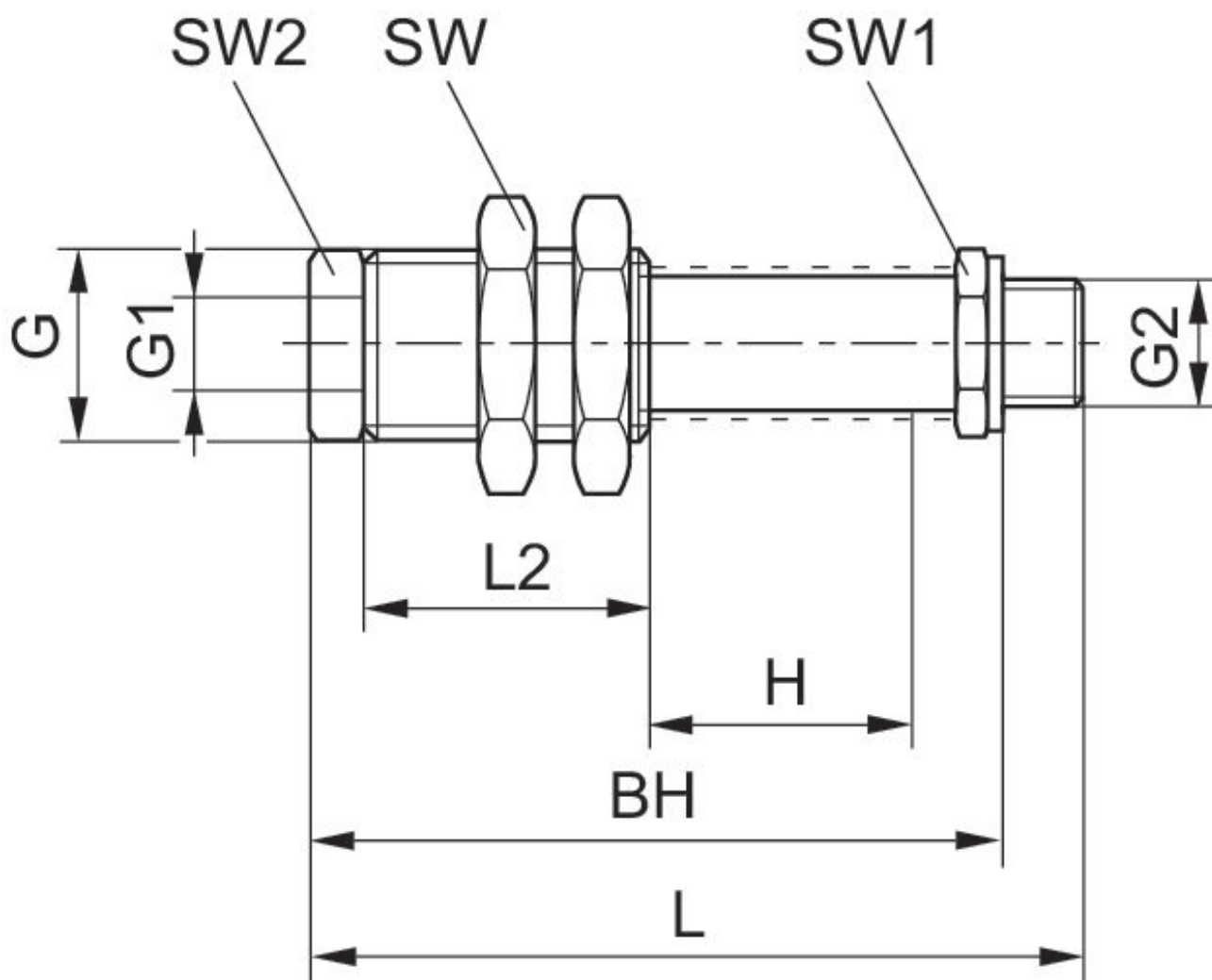
Technical information

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

The oil content of compressed air must remain constant during the life cycle.

Use only the approved oils from AVENTICS. Further information can be found in the “Technical information” document (available in <https://www.emerson.com/en-us/support>).

Fig. 2



H = stroke

Part No.	G	G1	G2	H	L	L2	SW	SW1	SW2
0821305173	M16x1	G 1/8	G 1/8	15	80	30	22	14	12

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Part No.	G	G1	G2	H	L	L2	SW	SW1	SW2
0821305174	M16x1	G 1/8	G 1/8	25	93	30	22	14	12
0821305175	M16x1	G 1/8	G 1/8	50	124	30	22	14	12
0821305176	M20x1,5	G 1/8	G 1/4	25	94.5	40	24	17	17
0821305177	M20x1,5	G 1/8	G 1/4	50	124	40	24	17	17
0821305178	M20x1,5	G 1/8	G 1/4	75	153.5	40	24	17	17
0821305179	M30x1,5	G 3/8	G 1/2	25	116	55	36	24	24
0821305180	M30x1,5	G 3/8	G 1/2	75	187	55	36	24	24

Part No.	BH
0821305173	73.5
0821305174	86.5
0821305175	117.5
0821305176	86
0821305177	115.5
0821305178	145
0821305179	105.3
0821305180	176.5