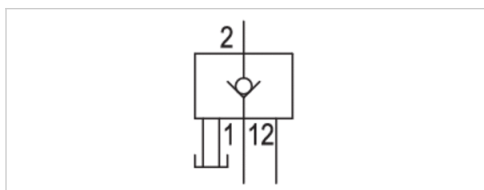


Pilot-operated non-return valve, Series NR02

- $Q_n 1 \rightarrow 2 = 170-1800 \text{ l/min}$
- thread-in
- Internal thread
- G 1/8 G 1/4 G 3/8 G 1/2
- External thread
- G 1/8 G 1/4 G 3/8 G 1/2



Type	Poppet valve
Working pressure min./max.	2 ... 10 bar
Ambient temperature min./max.	-5 ... 70 °C
Medium temperature min./max.	-5 ... 70 °C
Medium	Compressed air
Weight	See table below



Technical data

Part No.	Port 1	Port 2	Port 12	Flow	Weight	Fig.
			pilot air	$Q_n 1 \rightarrow 2$		
0821003045	G 1/8	G 1/8	M5	170 l/min	0,04 kg	Fig. 1
0821003046	G 1/4	G 1/4	M5	345 l/min	0,07 kg	Fig. 1
0821003047	G 3/8	G 3/8	G 1/8	1250 l/min	0,12 kg	Fig. 2
0821003048	G 1/2	G 1/2	G 1/8	1800 l/min	0,21 kg	Fig. 2

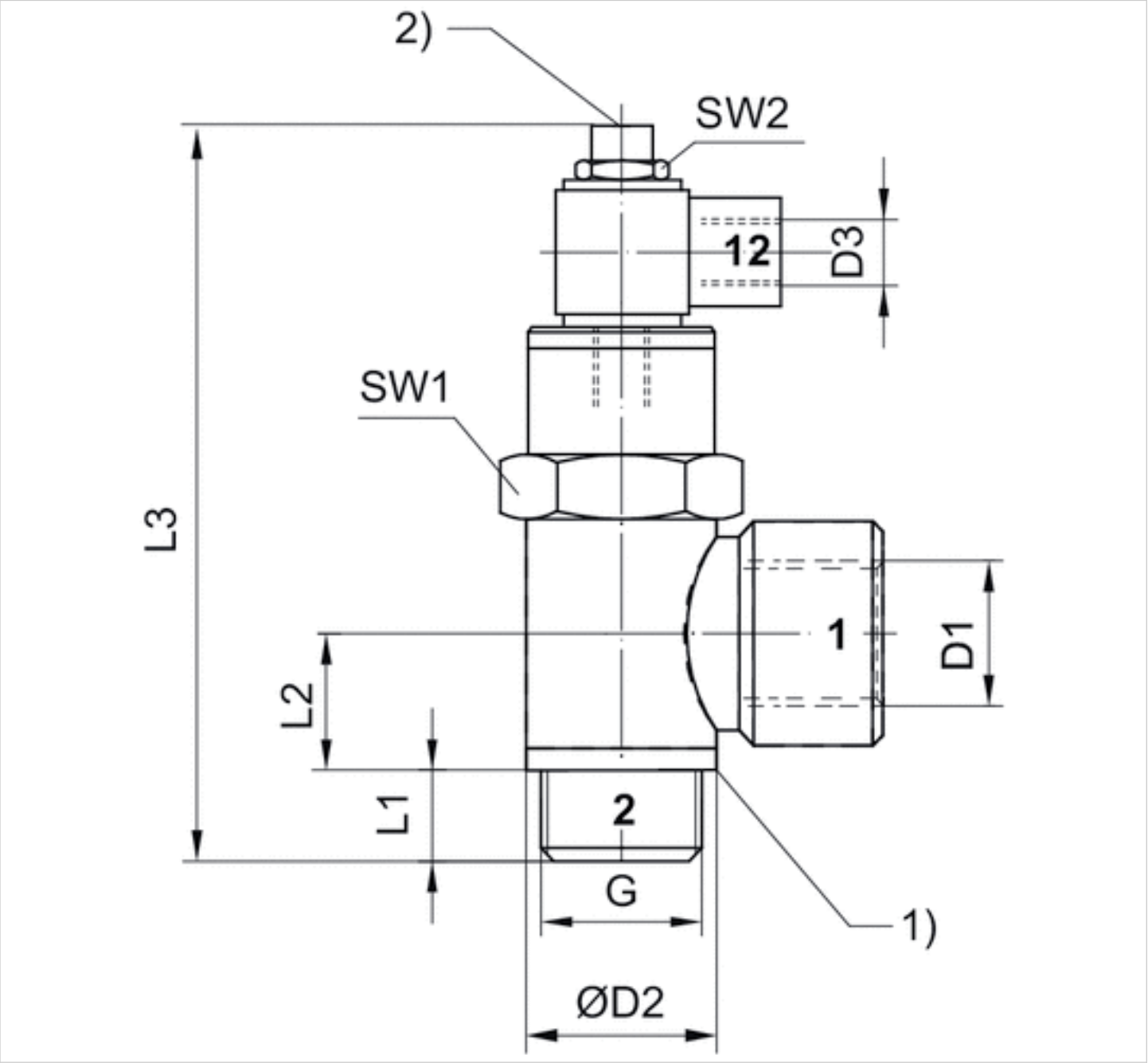
Nominal flow Q_n at 6 bar and $\Delta p = 1 \text{ bar}$

Technical information

Material	
Housing	Brass, nickel-plated
Seals	Acrylonitrile butadiene rubber

Dimensions

Fig. 1



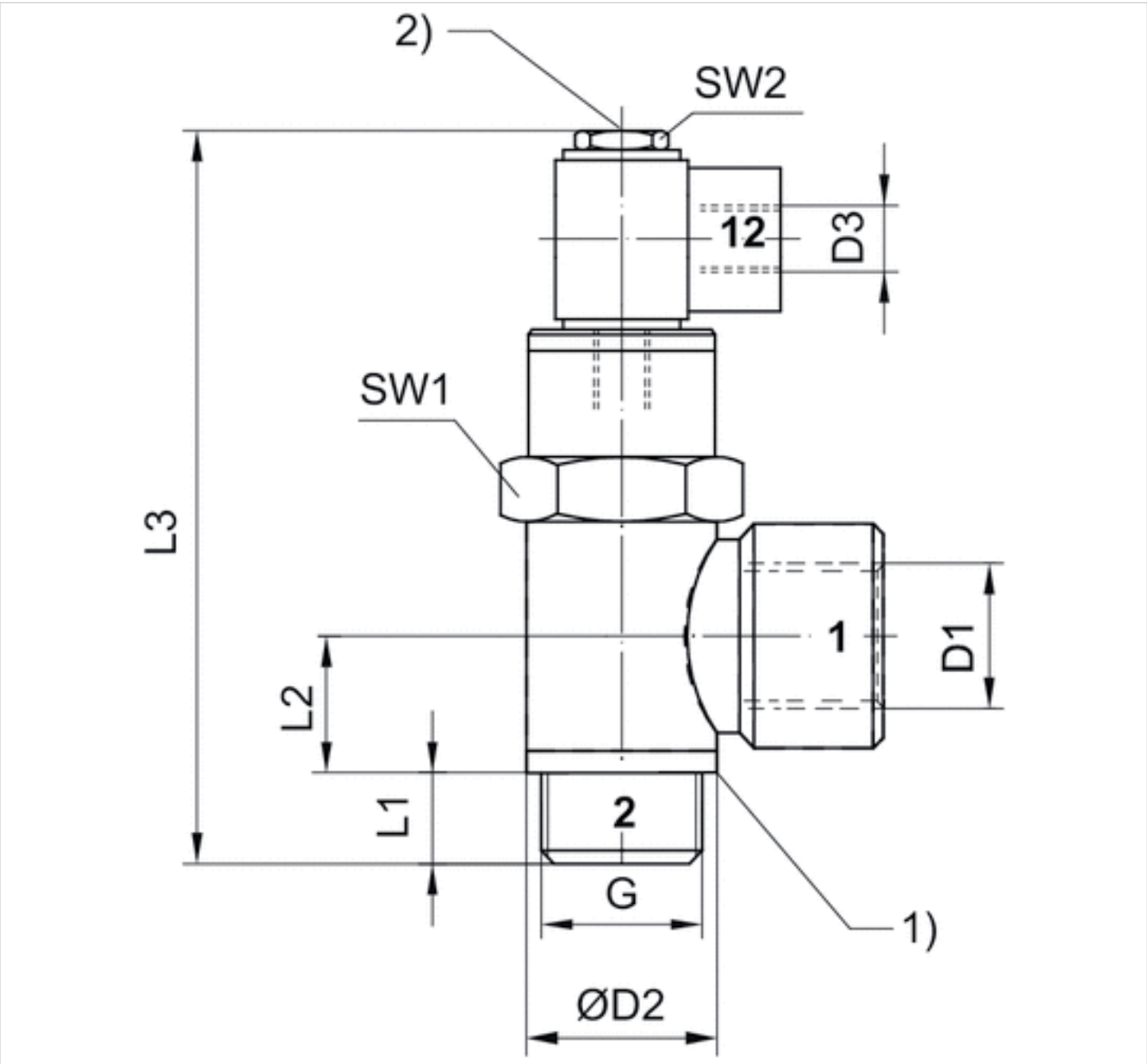
- 1) Seal, captive
- 2) Manual exhaust

Dimensions

Part No.	G	D1	D2	D3	L1	L2	L3	SW1	SW2
0821003045	G 1/8	G 1/8	14	M5	6	9.5	62	13	8
0821003046	G 1/4	G 1/4	18	M5	8.2	10.3	67	17	8

Dimensions

Fig. 2



- 1) Seal, captive
- 2) Manual exhaust

Dimensions

Part No.	G	D1	D2	D3	L1	L2	L3	SW1	SW2
0821003047	G 3/8	G 3/8	21.8	G 1/8	9	12	76.5	20	14
0821003048	G 1/2	G 1/2	25.7	G 1/8	10	14	85	25	14