3/2-directional valve, Series CD04

- Qn = 900 l/min
- Compressed air connection output G 1/8
- single solenoid
- Pipe connection



Type	Spool valve, positive overlapping
Activation	Mechanical
Switching principle	3/2
Sealing principle	Soft sealing
Nominal flow Qn	900 l/min
Working pressure min./max.	-0,95 ... 10 bar
Ambient temperature min./max.	-20 ... 65 °C
Medium temperature min./max.	-20 ... 65 °C
Medium	Compressed air
Max. particle size	50 µm
Oil content of compressed air	0 ... 1 mg/m³
Weight	See table below

Technical data

Part No.		Actuating element	Version	Compressed air connection type
5634000100		Plunger	NC/NO	Internal thread
5634010100		Roller	NC/NO	Internal thread
5634030100		Hand lever, with detent, without detent	NC/NO	Internal thread
5634040100		Hand lever	NC/NO	Internal thread
5634050100		Rotary lever, with detent	NC/NO	Internal thread
5634060100		Button	NC/NO	Internal thread

Part No.	Compressed air connection Input	Compressed air connection Output	Compressed air connection Exhaust
5634000100	G 1/8	G 1/8	G 1/8
5634010100	G 1/8	G 1/8	G 1/8
5634030100	G 1/8	G 1/8	G 1/8
5634040100	G 1/8	G 1/8	G 1/8
5634050100	G 1/8	G 1/8	G 1/8
5634060100	G 1/8	G 1/8	G 1/8

Part No.	Operating force min.	Material actuating control	Weight	Fig.
5634000100	60 N	Stainless steel	0,23 kg	Fig. 1
5634010100	30 N	Polyoxymethylene	0,29 kg	Fig. 2
5634030100	15 N	Polyoxymethylene	0,32 kg	Fig. 3
5634040100	15 N	-	0,29 kg	Fig. 4
5634050100	15 N	Plastic Stainless steel	0,5 kg	Fig. 5
5634060100	60 N	Polyoxymethylene	0,25 kg	Fig. 6

Nominal flow Qn at 6 bar and Δp = 1 bar

Technical information

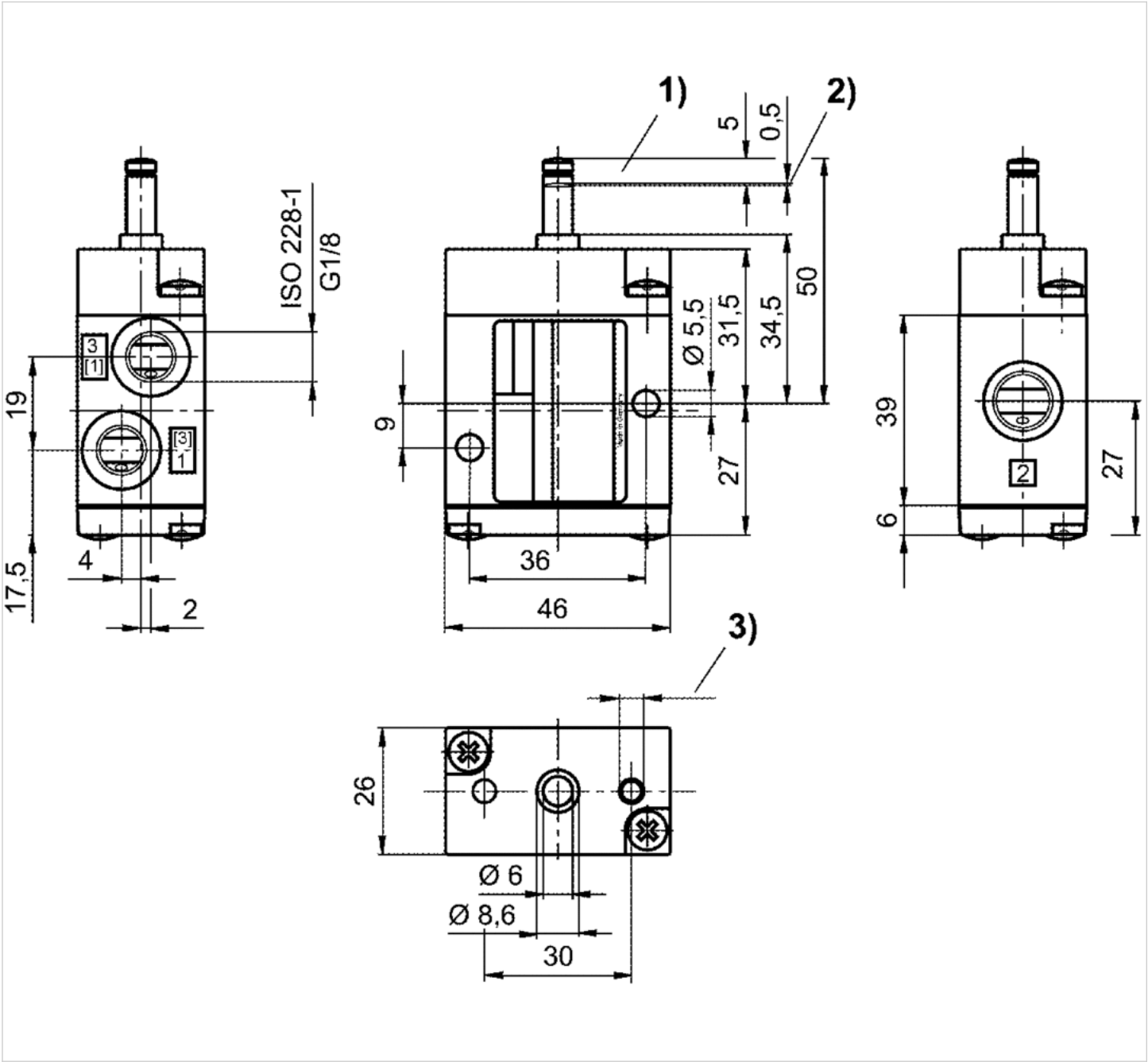
option valve: The input and output compressed air connections can be exchanged.
The valve can thereby be used in the NC or NO operating mode.

Technical information

Material	
Housing	Die cast zinc Polyamide fiber-glass reinforced
Seals	Acrylonitrile butadiene rubber
Actuating element	Stainless steel Polyoxymethylene Plastic, Stainless steel

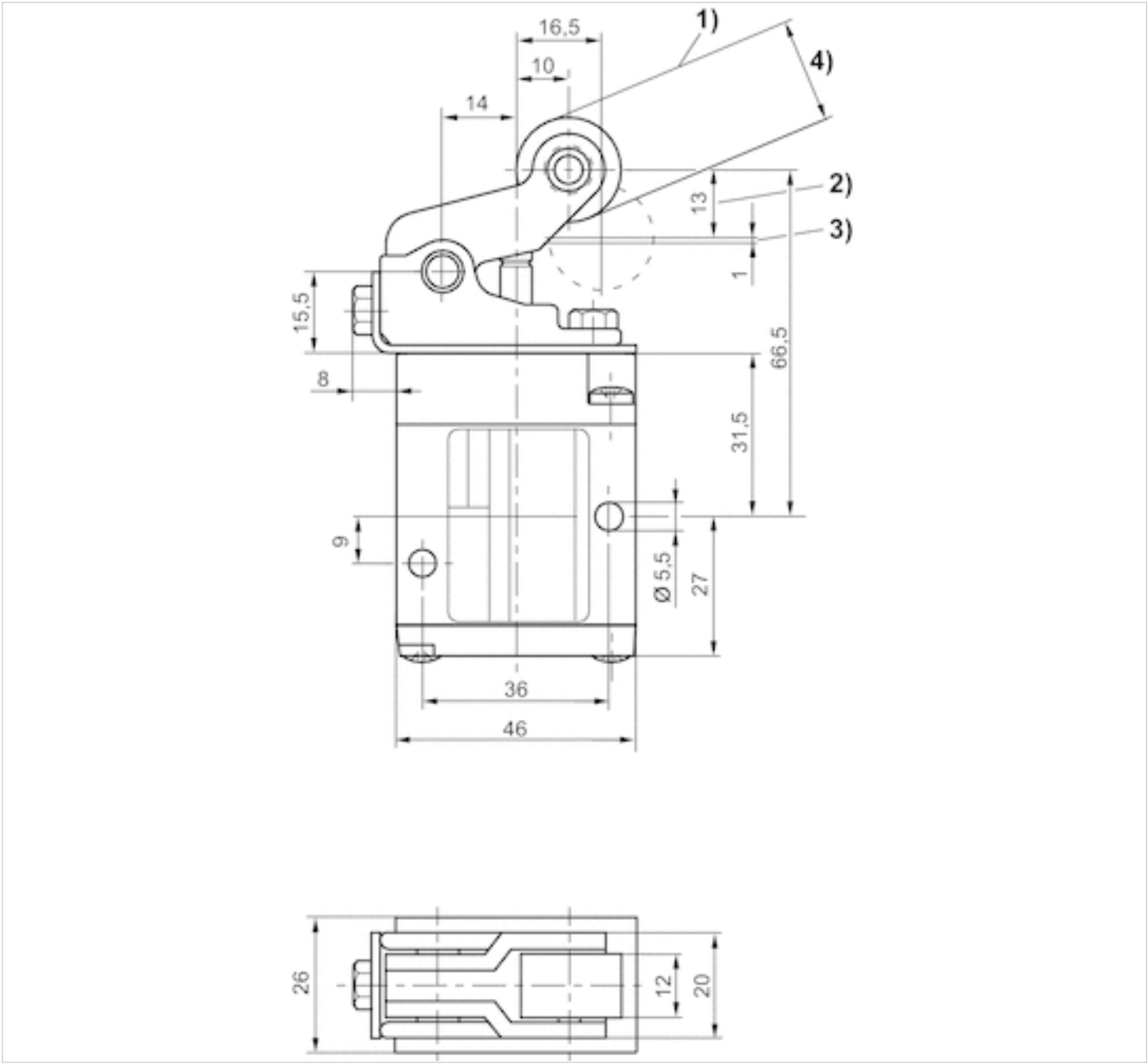
Dimensions

Dimensions, Fig. 1



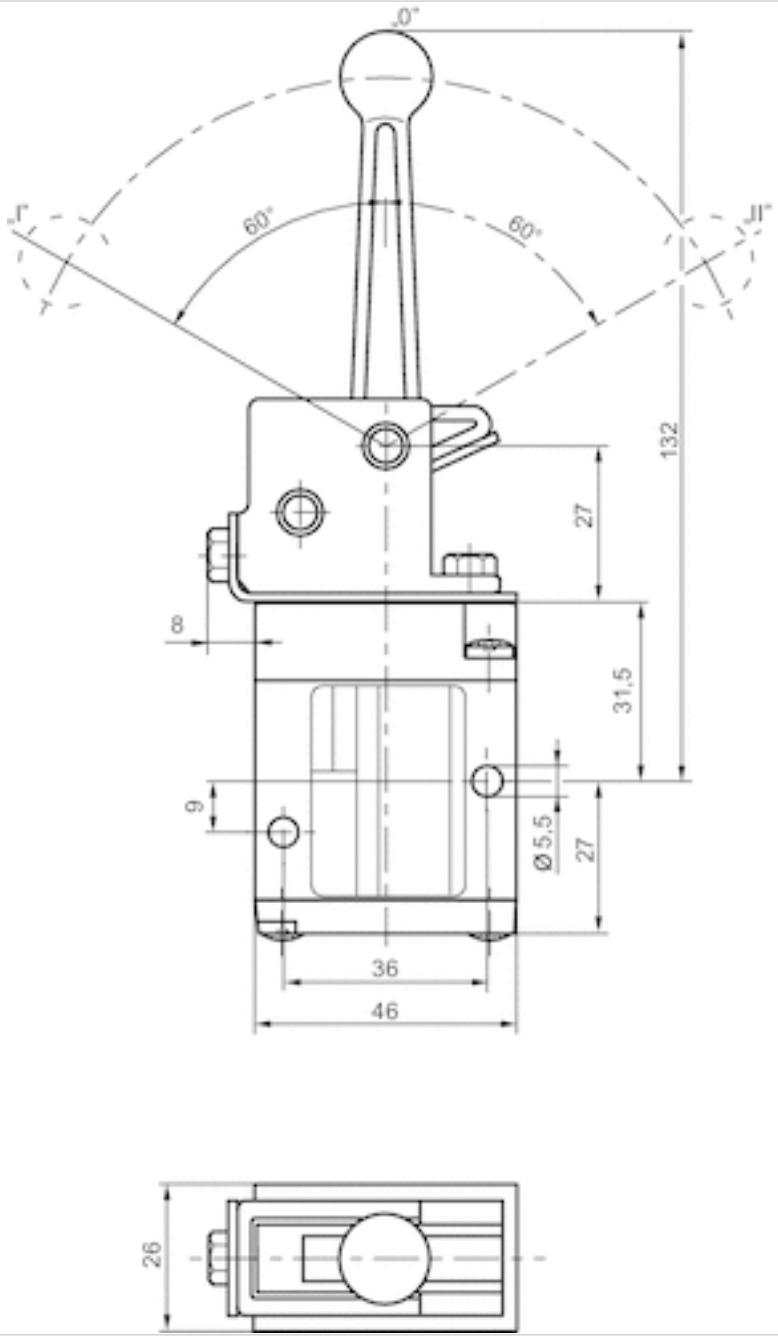
1) Stroke 2) Overstroke 3) Ø 4.5 - 12 mm deep

Dimensions, Fig. 2



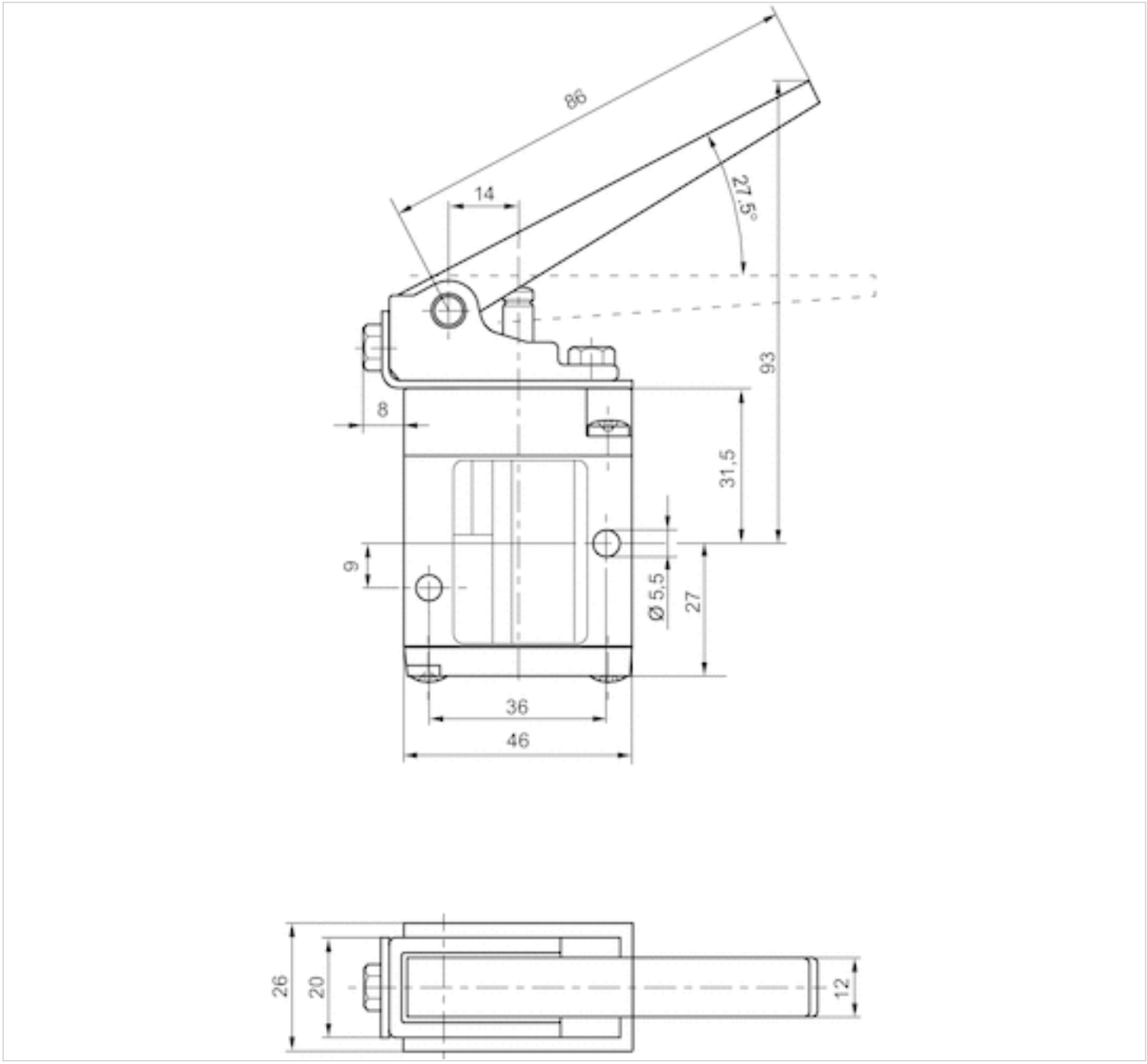
1) approach angle of rollers max. 30° 2) stroke 3) overstroke
4) 5634010100: Ø20 (POM) / R412008117: Ø19 (ST)

Dimensions, Fig. 3

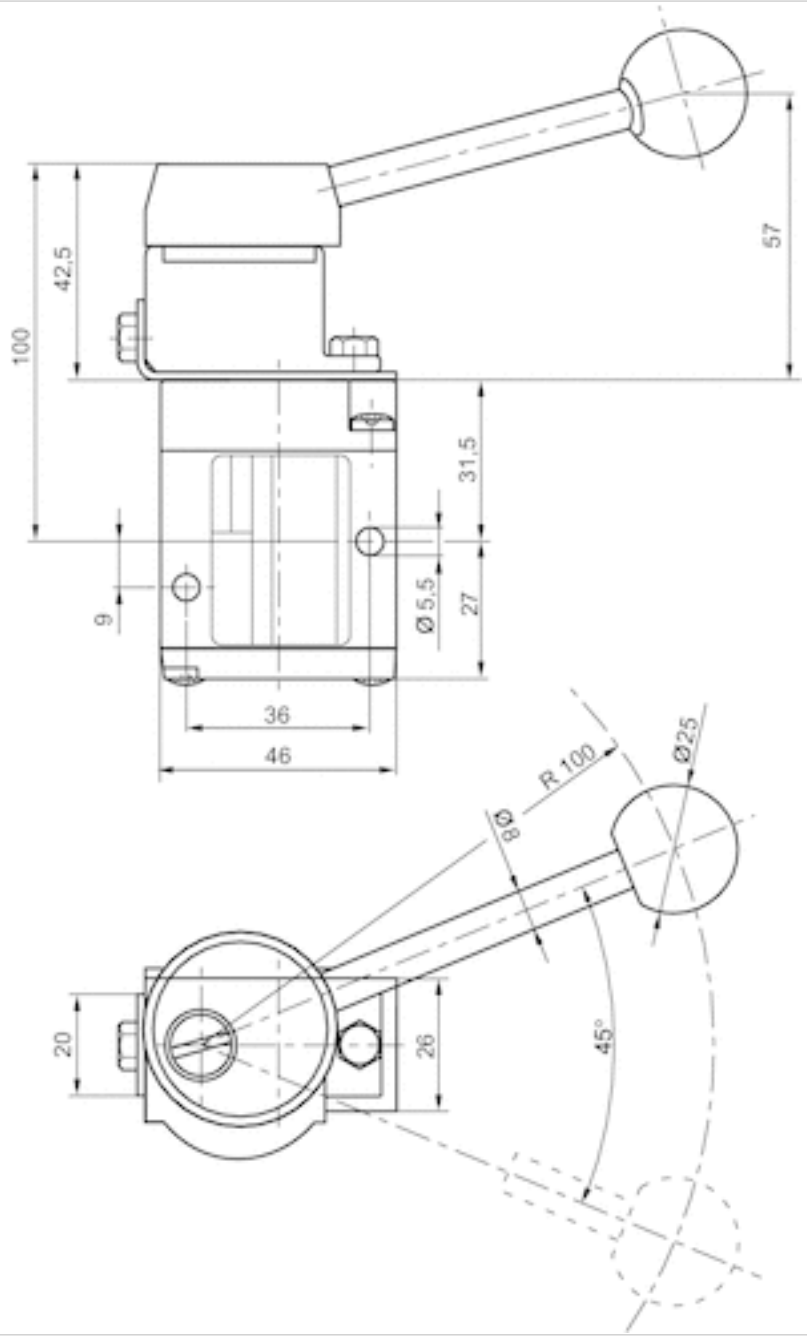


Position 0: initial position, position I: with detent, manual return, position II: automatic spring return.

Dimensions, Fig. 4

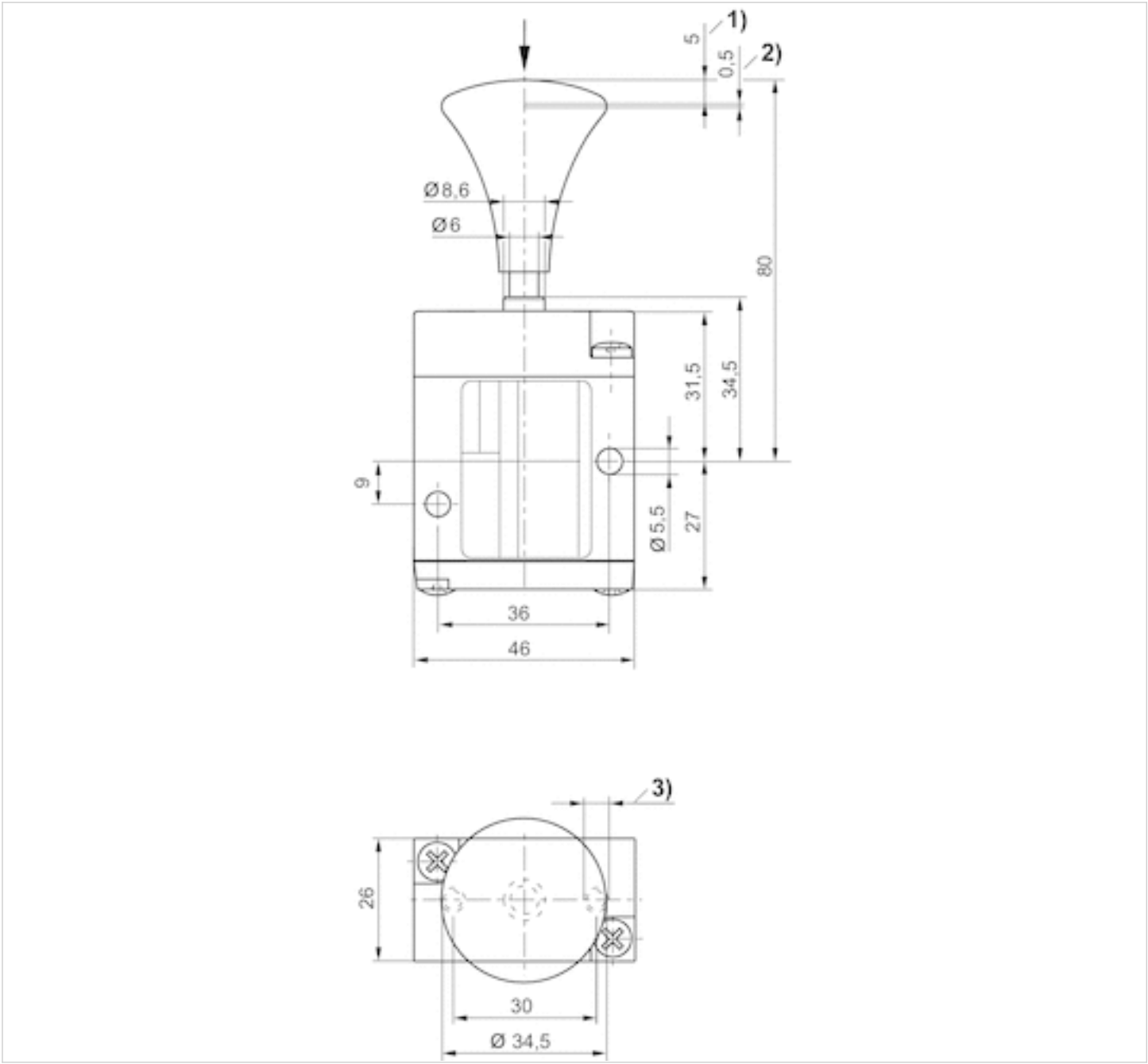


Dimensions, Fig. 5



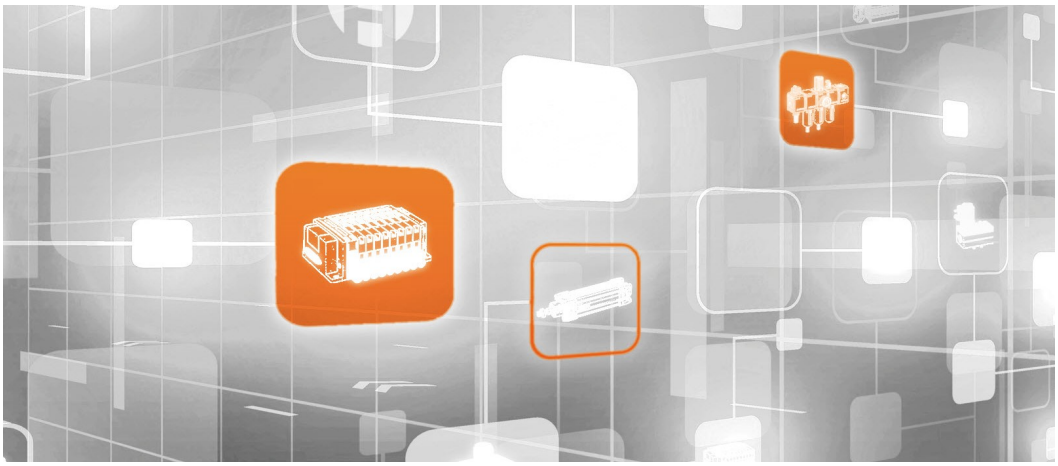
Dimensions of basic valve apply to all types of actuation.

Dimensions, Fig. 6



1) Stroke 2) Overstroke 3) Ø 4.5 - 12 mm deep

Efficient pneumatic solutions, our program: cylinders and drives, valves and valve systems, air supply management



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