

5/2-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
Lock type	not lockable
Switching principle	5/2
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	Compressed air connection type
5634200100		Plunger	Internal thread
5634210100		Roller	Internal thread
5634230100		Hand lever, with detent, without detent	Internal thread
5634240100		Hand lever	Internal thread
5634250100		Rotary lever, with detent	Internal thread
5634260100		Button	Internal thread

Part No.	Compressed air connection Input	Compressed air connection Output	Compressed air connection Exhaust
5634200100	G 1/8	G 1/8	G 1/8
5634210100	G 1/8	G 1/8	G 1/8
5634230100	G 1/8	G 1/8	G 1/8
5634240100	G 1/8	G 1/8	G 1/8
5634250100	G 1/8	G 1/8	G 1/8
5634260100	G 1/8	G 1/8	G 1/8

Part No.	Operating force	Material actuating control	Weight	Fig.
	min.			
5634200100	70 N	Stainless steel	0,3 kg	Fig. 1
5634210100	35 N	Polyoxymethylene	0,35 kg	Fig. 2
5634230100	15 N	Polyoxymethylene	0,38 kg	Fig. 3
5634240100	60 N	Aluminum	0,31 kg	Fig. 4
5634250100	20 N	Plastic Stainless steel	0,56 kg	Fig. 5
5634260100	70 N	Polyoxymethylene	0,32 kg	Fig. 6

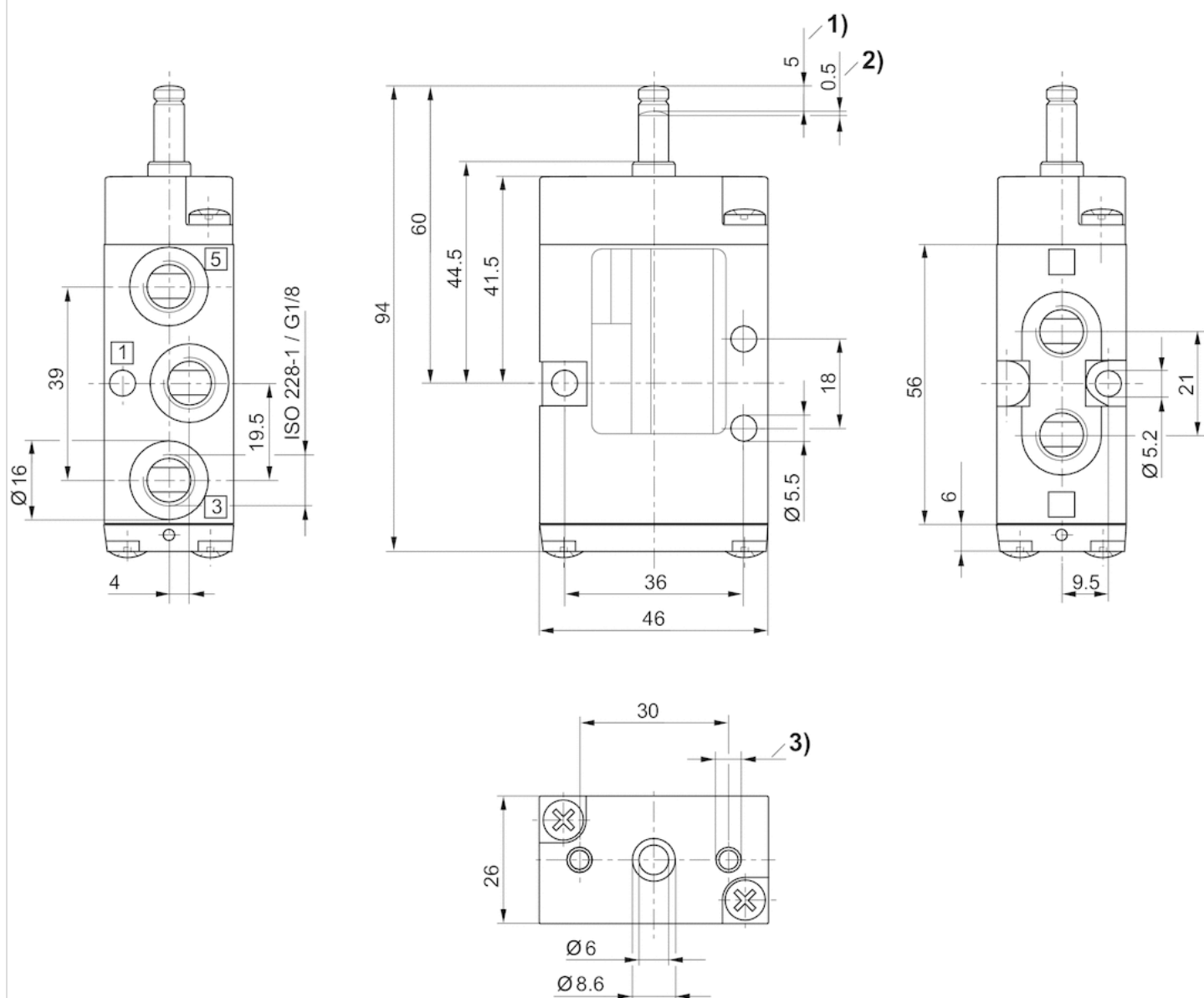
Nominal flow Qn at 6 bar and $\Delta p = 1$ bar

Technical information

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

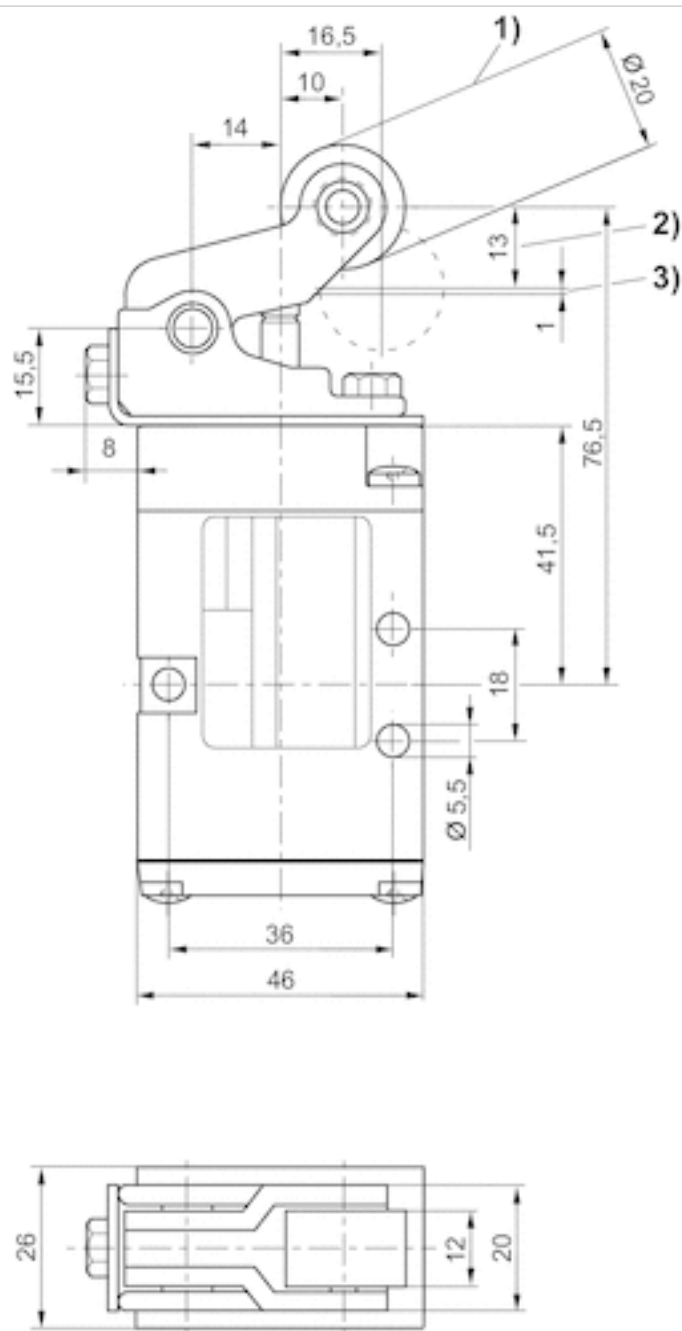
Dimensions

Dimensions, Fig. 1



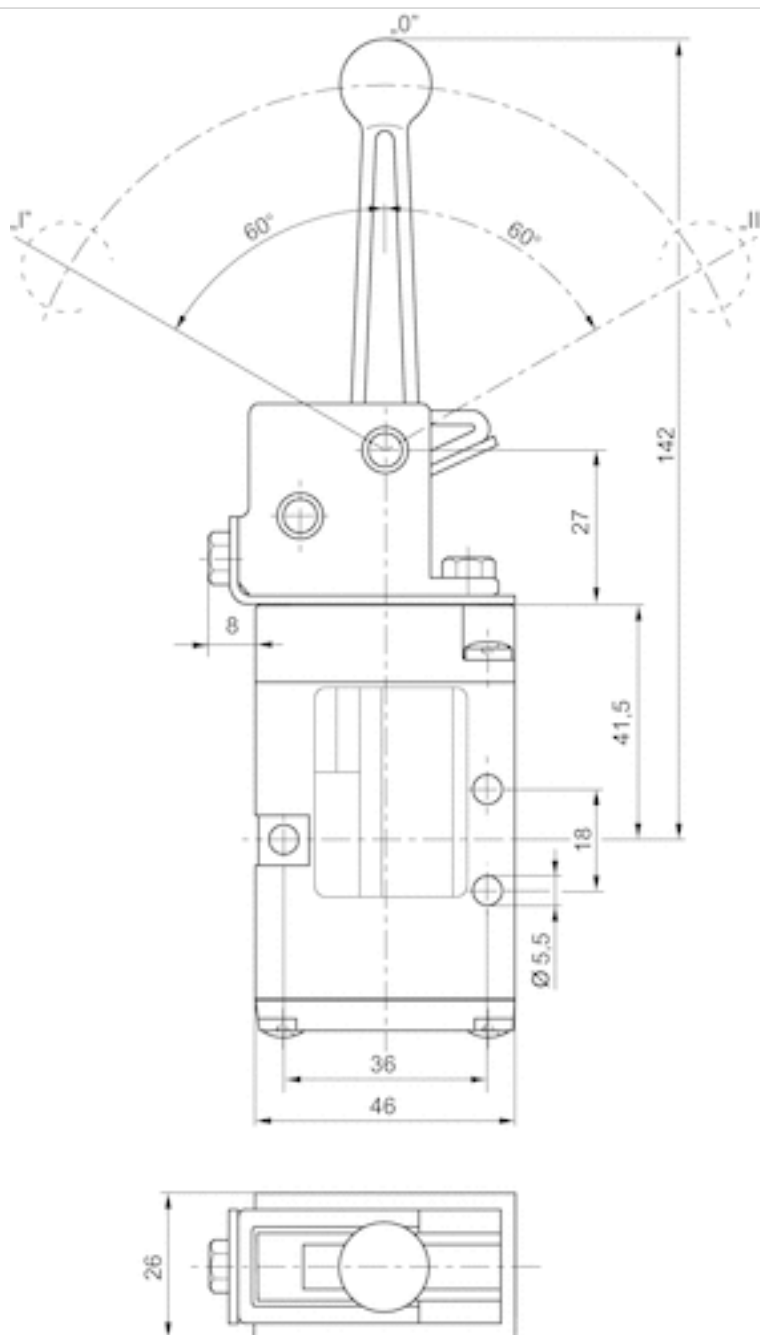
1) Stroke 2) Overstroke 3) Ø 4.5 - 12 mm deep

Dimensions, Fig. 2



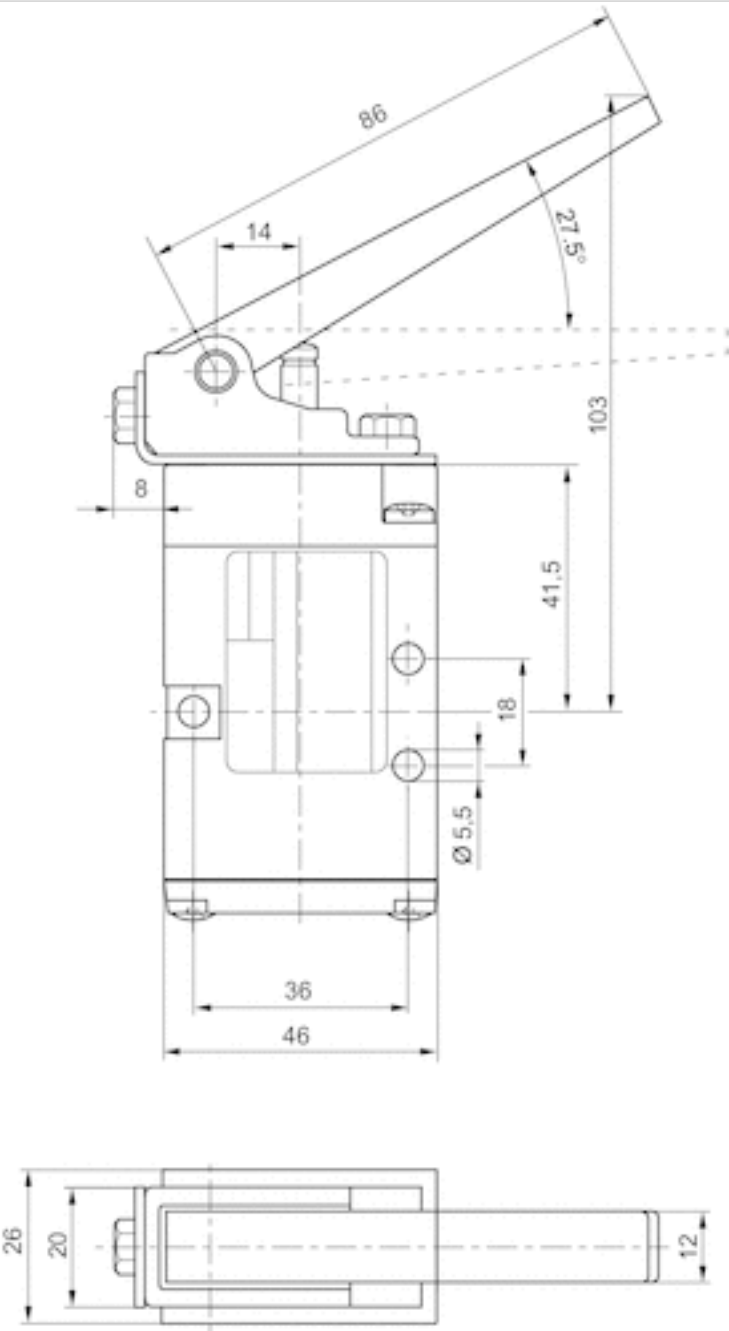
1) approach angle of rollers max. 30° 2) stroke 3) overstroke

Dimensions, Fig. 3



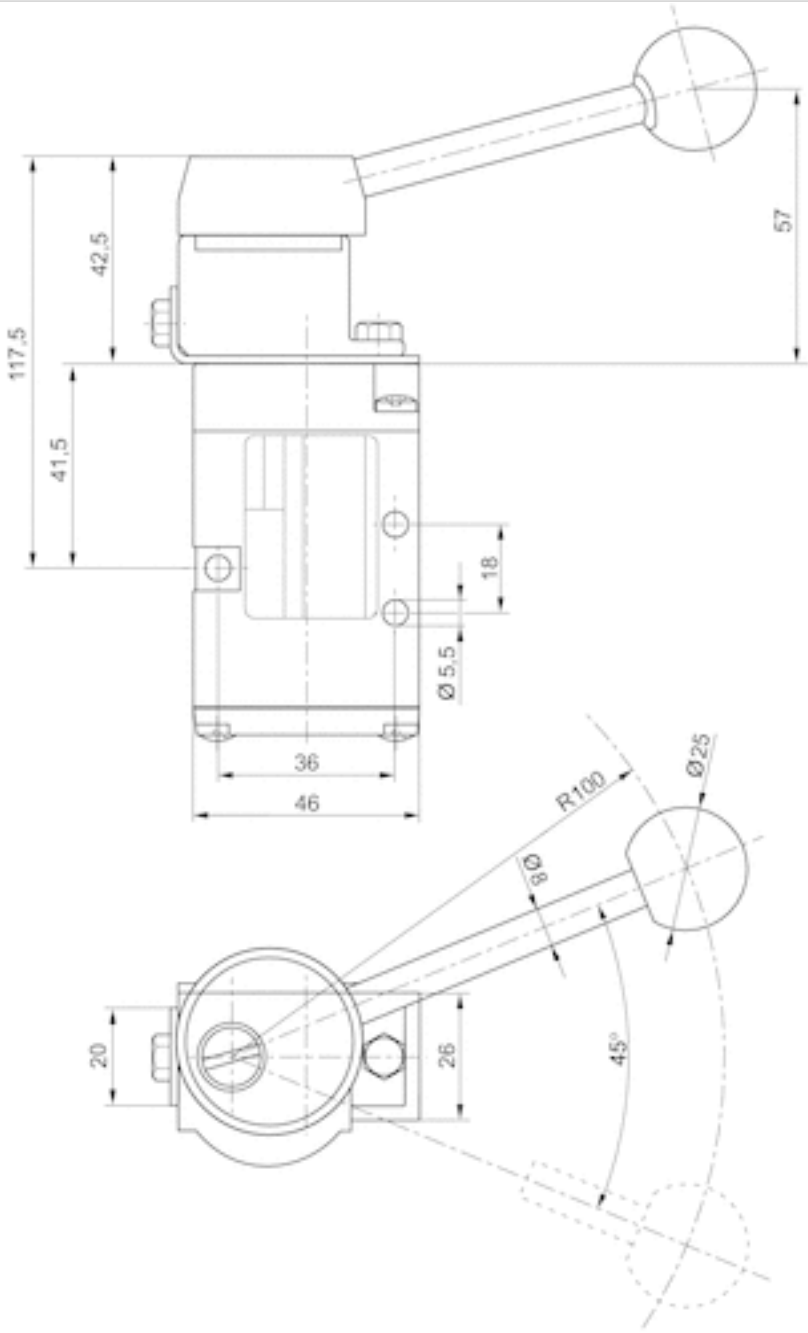
Position 0: initial position, position I: with detent, manual return, position II: automatic spring return.

Dimensions, Fig. 4

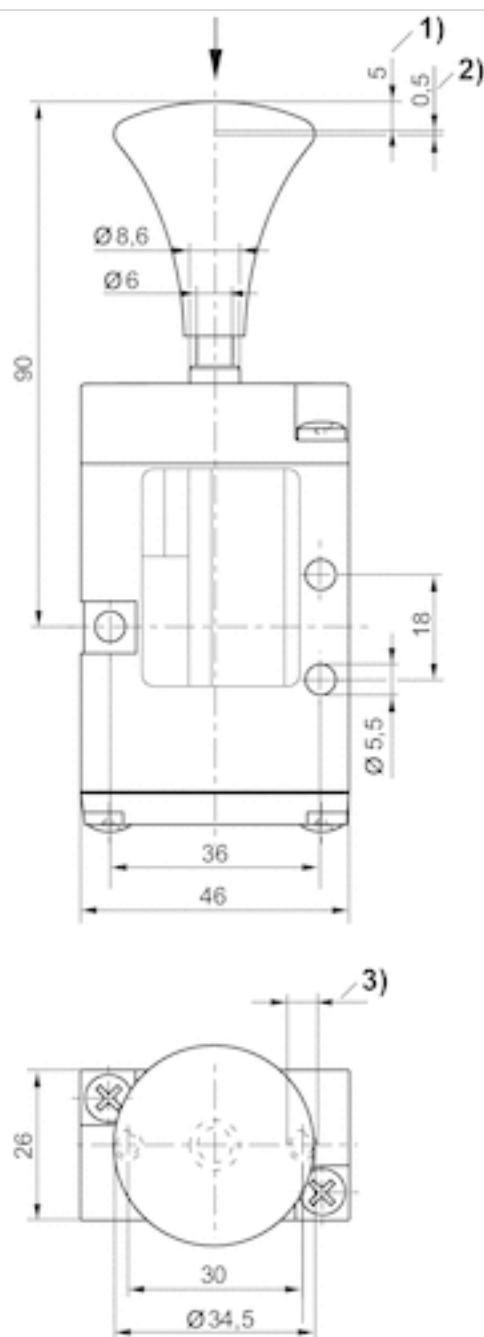


Dimensions of basic valve apply to all types of actuation.

Dimensions, Fig. 5



Dimensions, Fig. 6



1) Stroke 2) Overstroke 3) $\varnothing 4.5 - 12$ mm deep

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