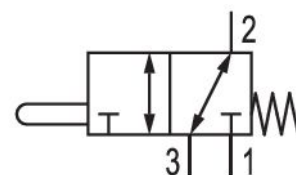


3/2-directional valve, Series CD04

5634000100

Series CD04

■ $Q_n = [[900]]\text{l/min}$



Technical data

Industry
Industrial

Activation
Mechanical

Nominal flow Q_n
900 l/min

Switching principle
3/2

Version
NC/NO

Compressed air connection output
G 1/8

Working pressure min.
-0.95 bar

Working pressure max
10 bar

Actuating control
Single Solenoid

Actuating element
Plunger

Sealing principle
Soft Seal

Type

Spool valve, positive overlapping

Plate connection

Pipe connection

actuating force min.

60 N

Min. ambient temperature

-20 °C

Max. ambient temperature

65 °C

Min. medium temperature

-20 °C

Max. medium temperature

65 °C

Medium

Compressed air

Oil content of compressed air min.

0 mg/m³

Oil content of compressed air max.

1 mg/m³

Max. particle size

50 µm

Compressed air connection type
Internal thread
Compressed air connection input
G 1/8
Compressed air connection, exhaust
G 1/8
Weight
0.23 kg

Housing material
Die cast zinc
Polyamide fiber-glass reinforced
Seal material
Acrylonitrile butadiene rubber
Material actuating control
Stainless Steel
Part No.
5634000100

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.

The min. control pressure must be adhered to, since otherwise faulty switching and valve failure may result!

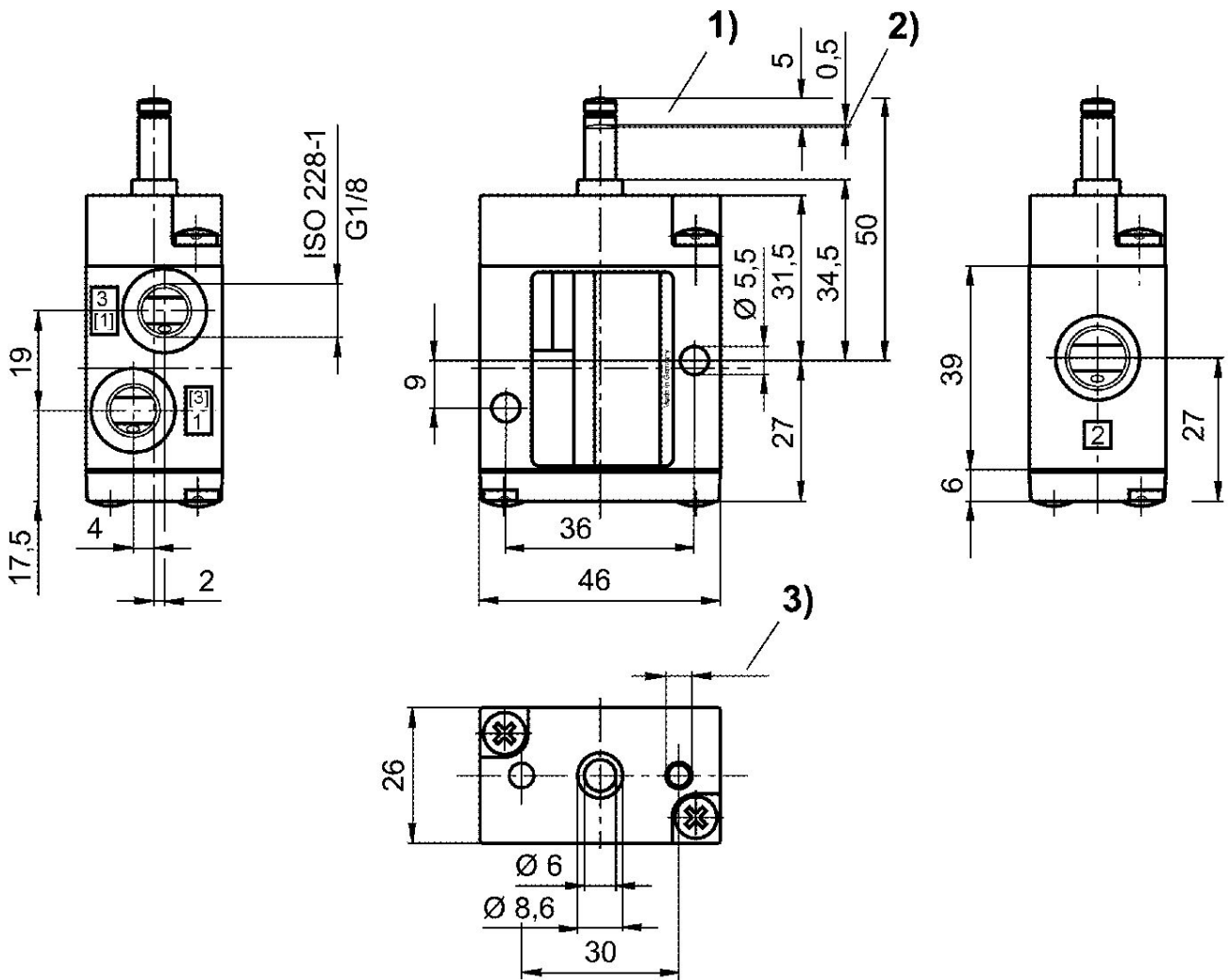
The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .

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>).

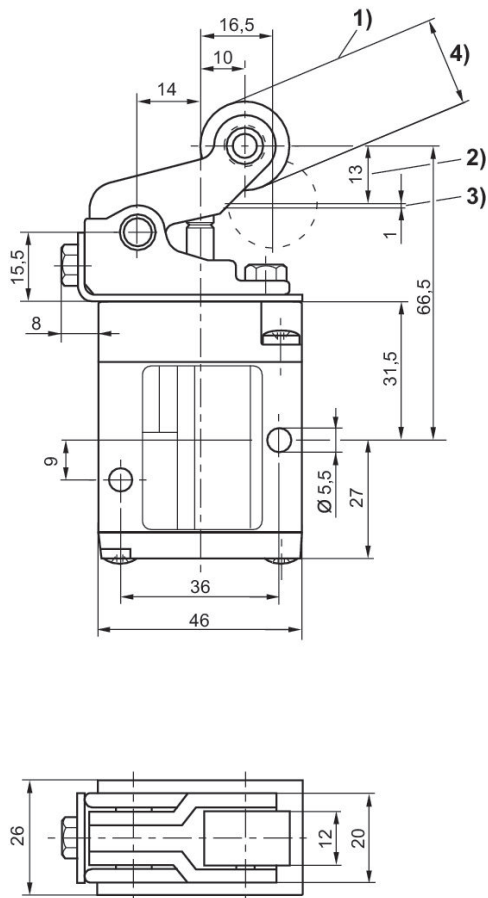
Dimensions

Fig. 1



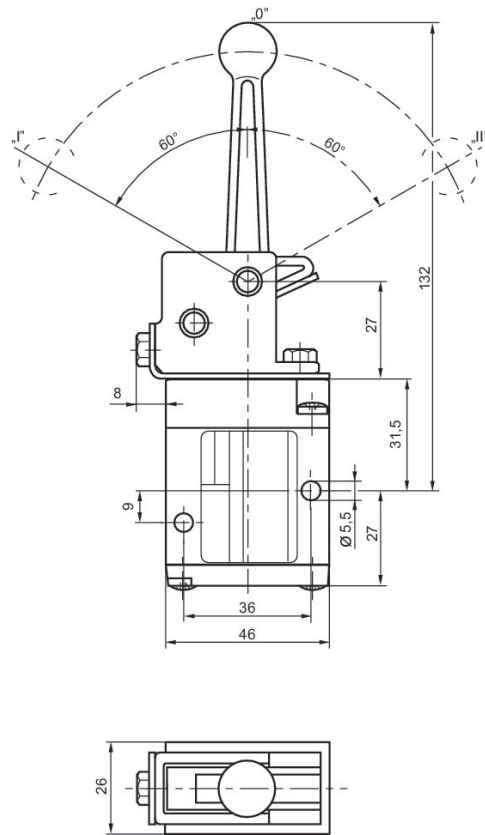
1) Stroke 2) Overstroke 3) \varnothing 4.5 - 12 mm deep

Dimensions
Fig. 2



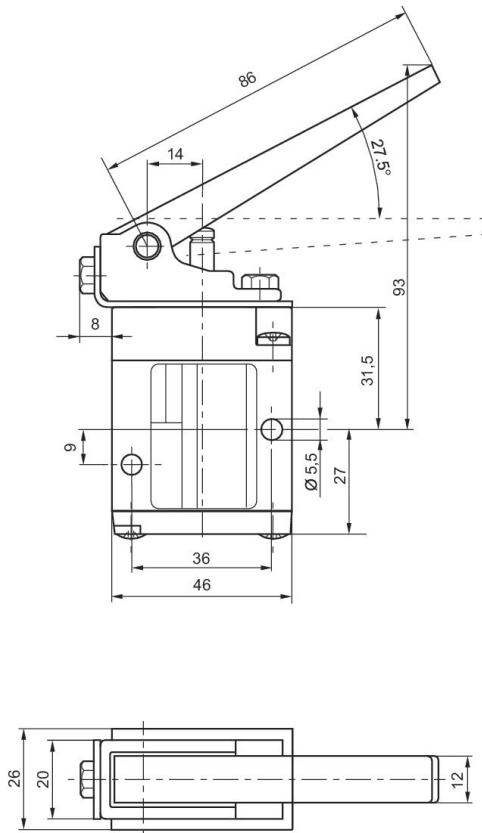
1) approach angle of rollers max. 30° 2) stroke 3) overstroke
4) 5634010100: Ø20 (POM) / R412008117: Ø19 (ST)

Dimensions
Fig. 3

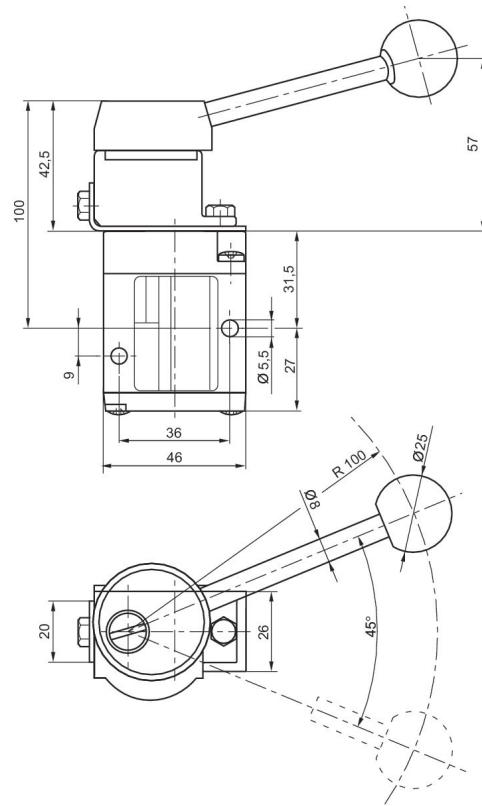


Position 0: initial position, position I: with detent, manual return, position II: automatic spring return.

Dimensions
Fig. 4



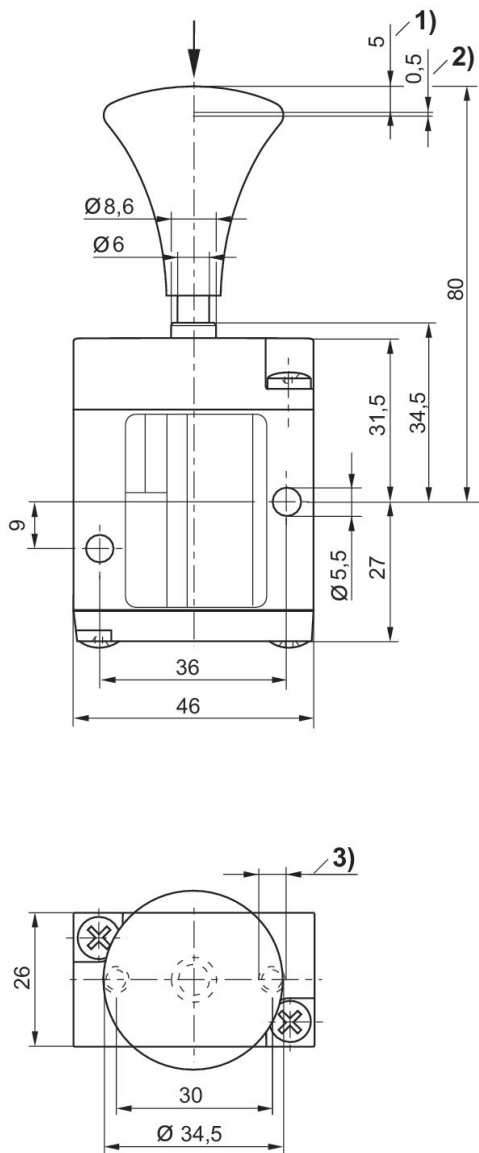
Dimensions
Fig. 5



Dimensions of basic valve apply to all types of actuation.

Dimensions

Fig. 6



1) Stroke 2) Overstroke 3) $\varnothing 4,5$ - 12 mm deep