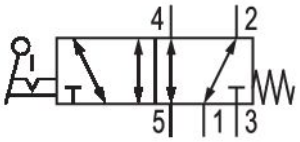
# 5/2-directional valve, Series CD04

## 5634230100

Series CD04

- Qn = [[900]l/min]


## Technical data

**Industry**
Industrial

**Activation**
Mechanical

**Nominal flow Qn**
900 l/min

**Switching principle**
5/2

**Compressed air connection output**
G 1/8

**Working pressure min.**
-0.95 bar

**Working pressure max**
10 bar

**Actuating control**
Single Solenoid

**Actuating element**
Hand lever, with detent, without detent

**Sealing principle**
Soft Seal

**Type**
Spool valve, positive overlapping

**Plate connection**
Pipe connection

**Lock type**
not lockable

**actuating force min.**
15 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
0.38 kg

Housing material
Die cast zinc
Polyamide fiber-glass reinforced

Seal material
Acrylonitrile butadiene rubber

Material actuating control
Polyoxymethylene

Part No.
5634230100

## Technical information

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

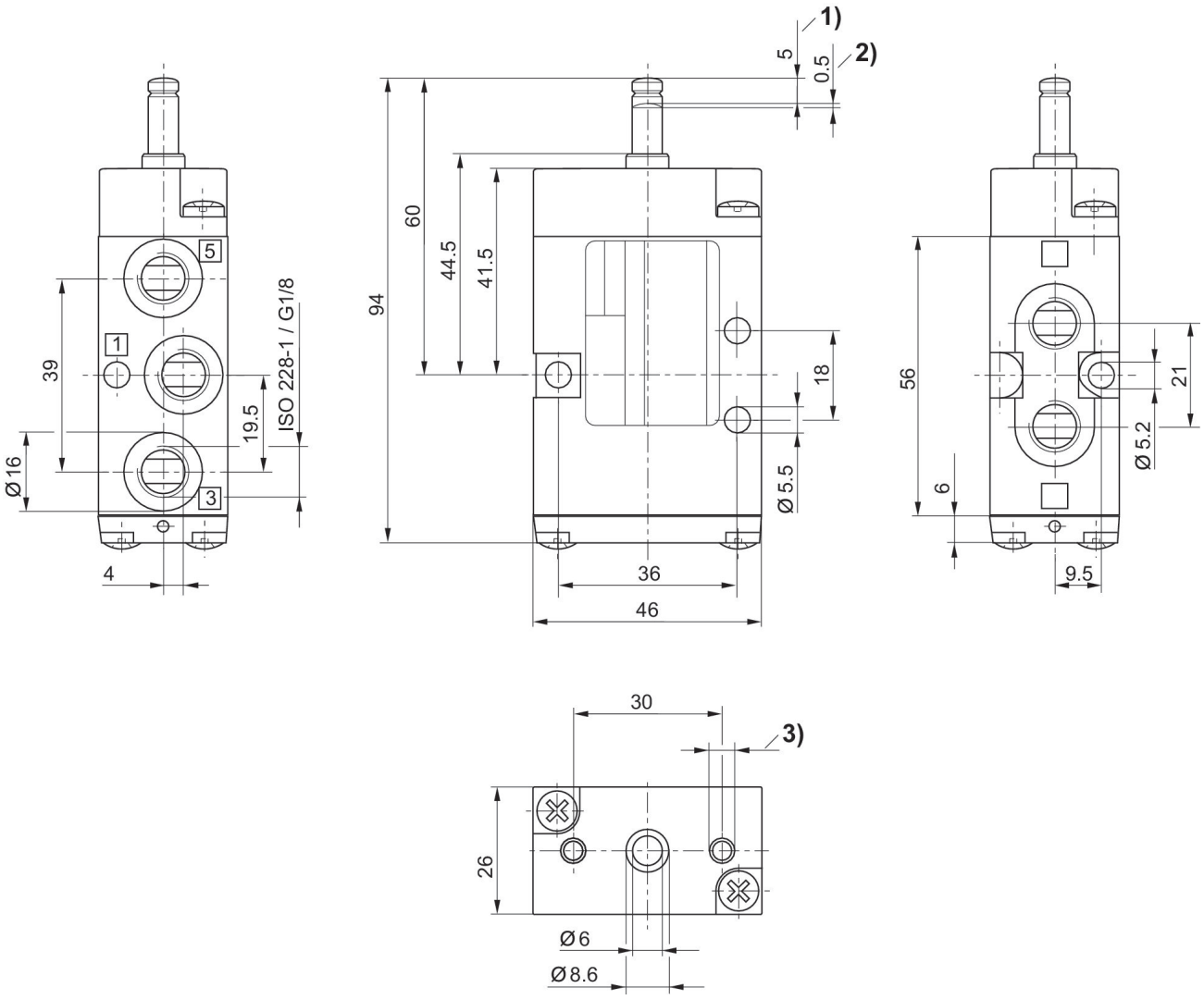
The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .

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).

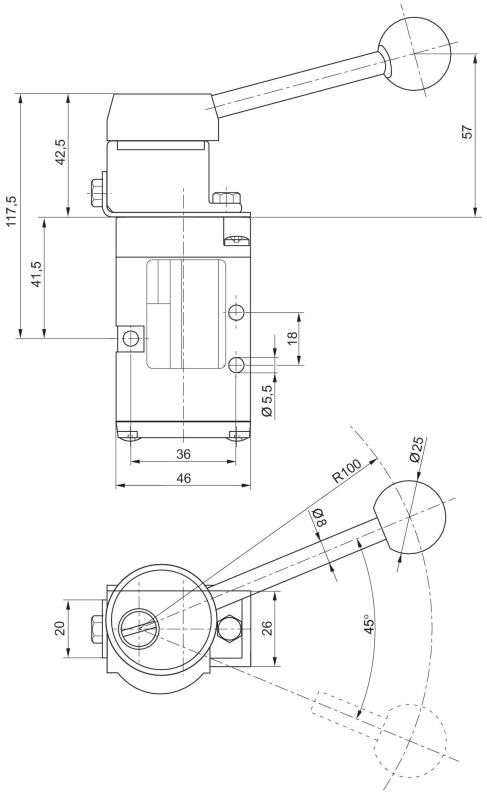
## Dimensions

## Fig. 1

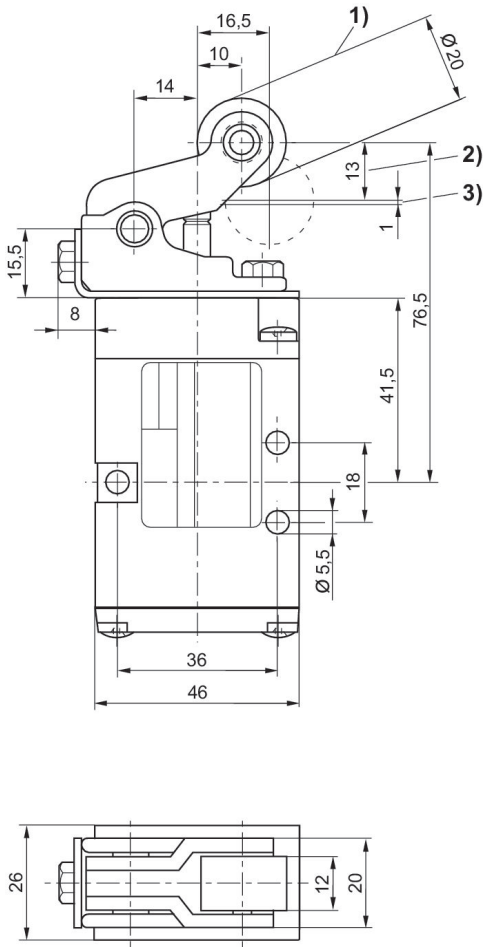



1) Stroke 2) Overstroke 3) Ø 4.5 - 12 mm deep

## Dimensions
### Fig. 5

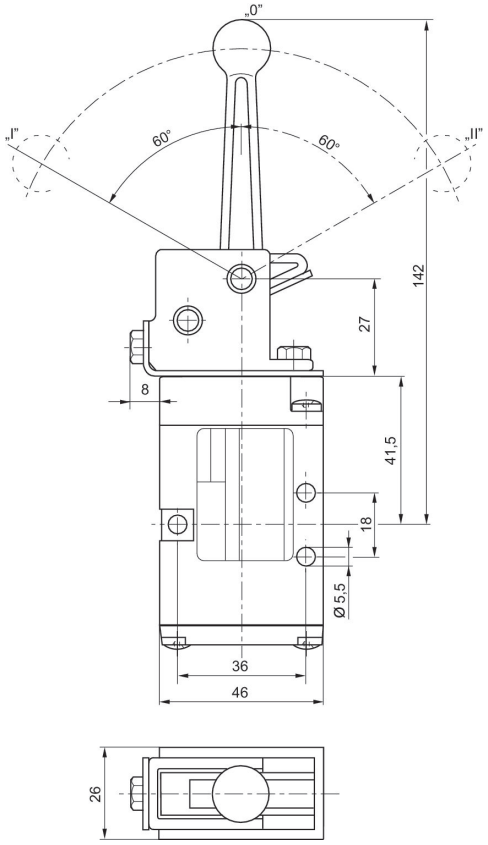



## Dimensions
### Fig. 2



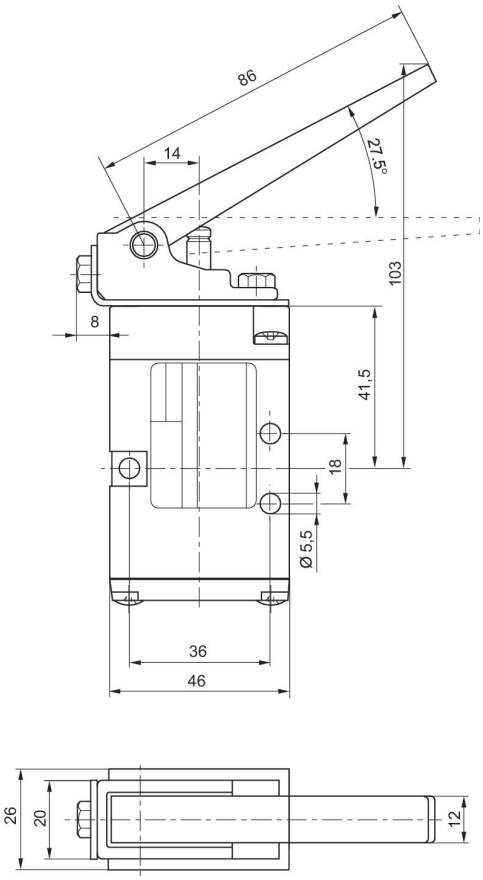

1) approach angle of rollers max. 30° 2) stroke 3) overstroke

## Dimensions
### Fig. 3




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

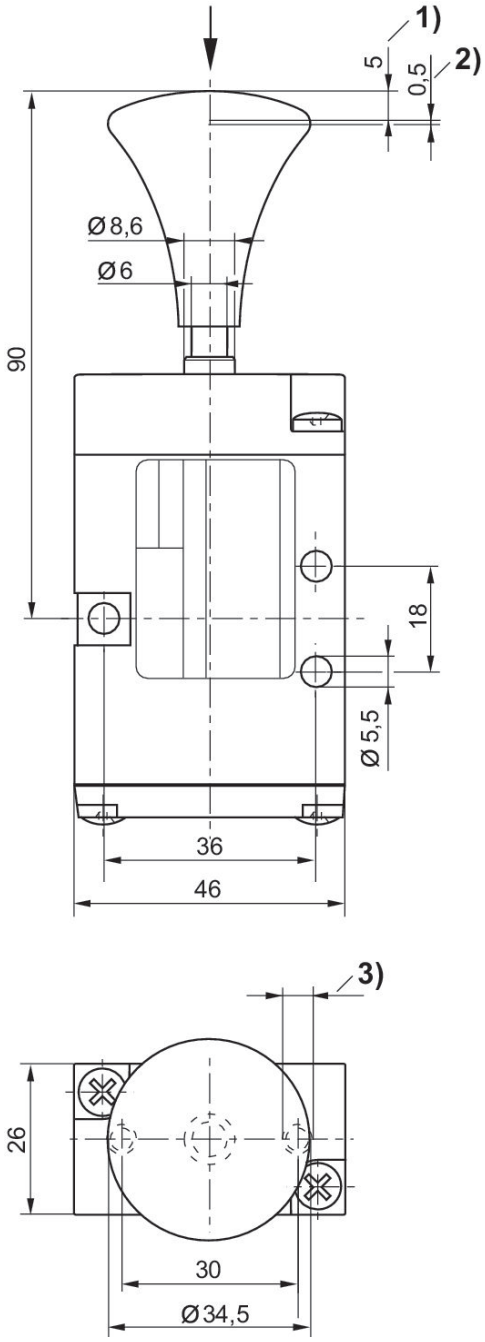
## Dimensions
### Fig. 4




Dimensions of basic valve apply to all types of actuation.

## Dimensions

### Fig. 6




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