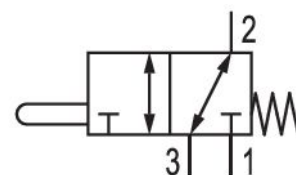


# 3/2-directional valve, Series CD04 - inch

## R412013026

Series CD04 - inch

■  $Q_n = [900] \text{ l/min}$



### Technical data

Industry  
Industrial

Activation  
Mechanical

Nominal flow  $Q_n$   
900 l/min

Switching principle  
3/2

Version  
NC/NO

Compressed air connection output  
1/8-27 NPTF

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/m<sup>3</sup>

Oil content of compressed air max.

1 mg/m<sup>3</sup>

Max. particle size

50 µm

Compressed air connection type Internal thread	Weight 0.23 kg
Compressed air connection input 1/8-27 NPTF	Material actuating control Stainless Steel
Compressed air connection, exhaust 1/8-27 NPTF	Part No. R412013026

## Technical information

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

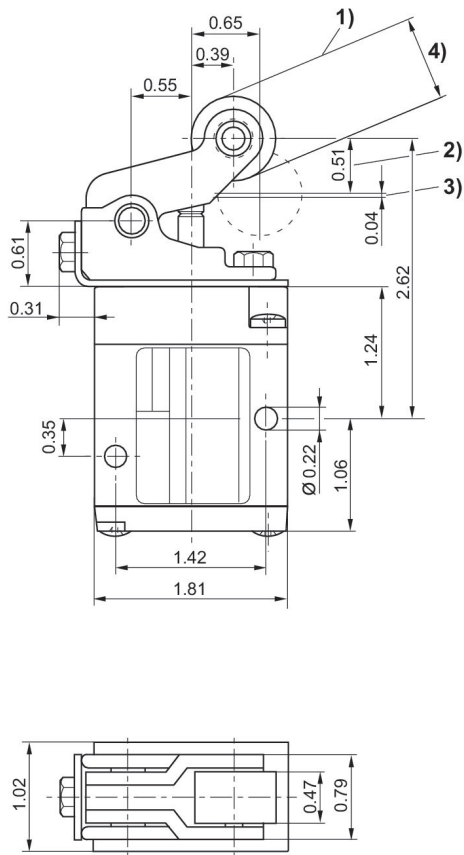
The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .

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 in inches

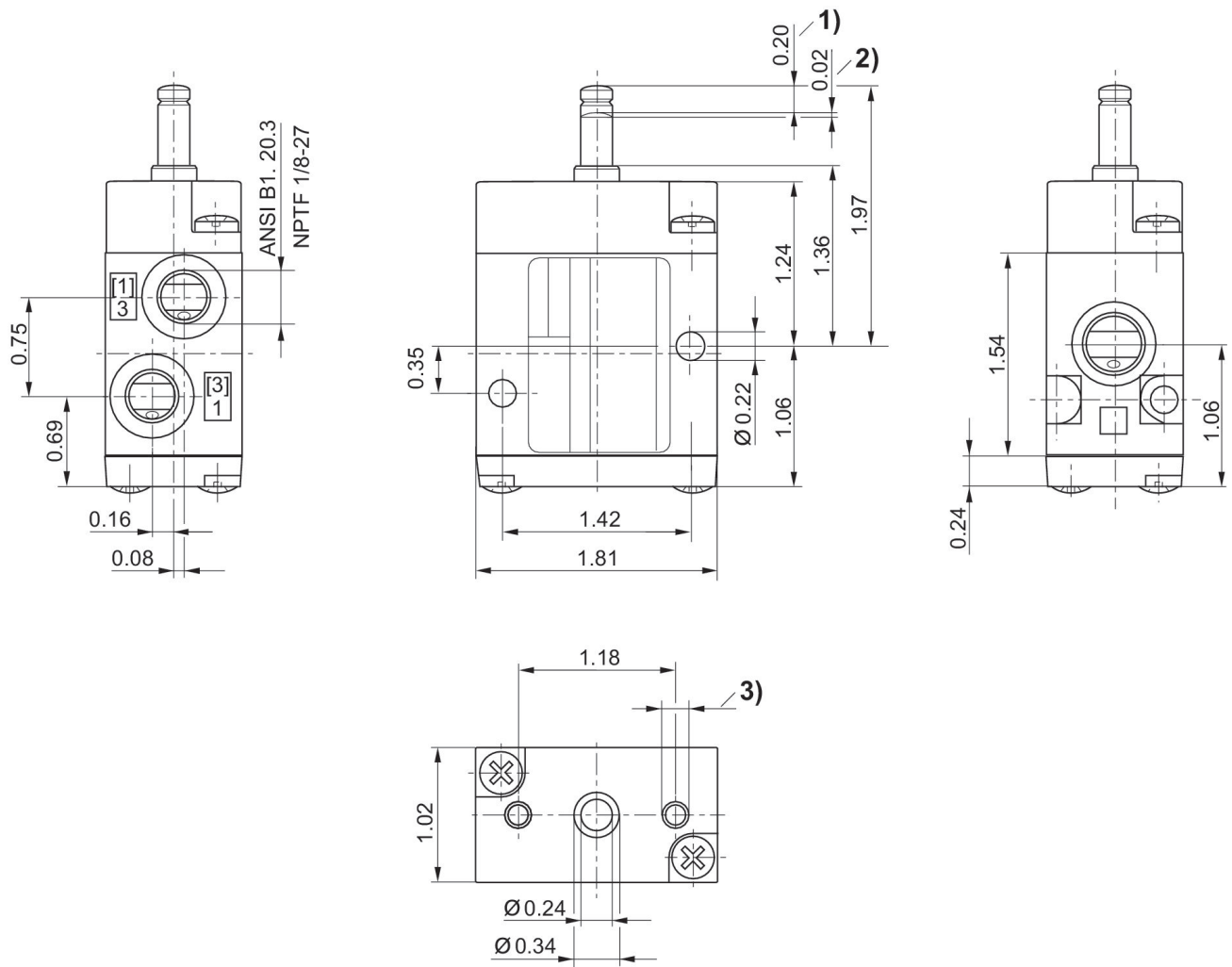
Fig. 2



1) approach angle of rollers max. 30° 2) stroke 3) overstroke  
4) R412013021:  $\varnothing$  0,79 (POM) / R412013022:  $\varnothing$  0,75 (ST)

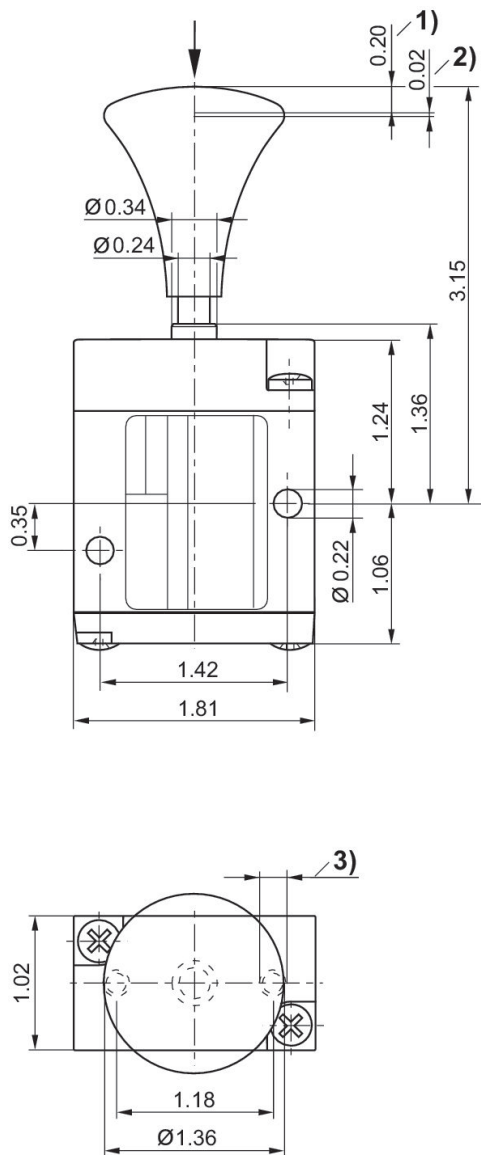
Dimensions in inches  
Fig. 1

Basic valve

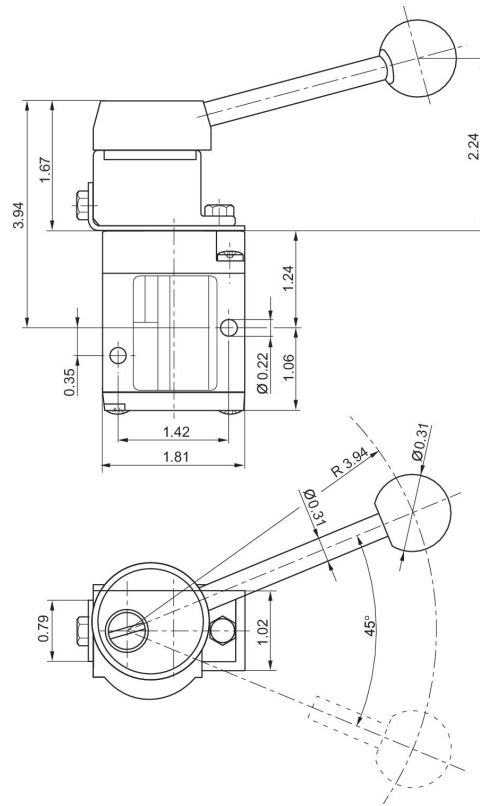


1) Stroke 2) Overstroke 3)  $\varnothing 0.18 - 0.47$  mm deep

Dimensions in inches  
Fig. 6



Dimensions in inches  
Fig. 5

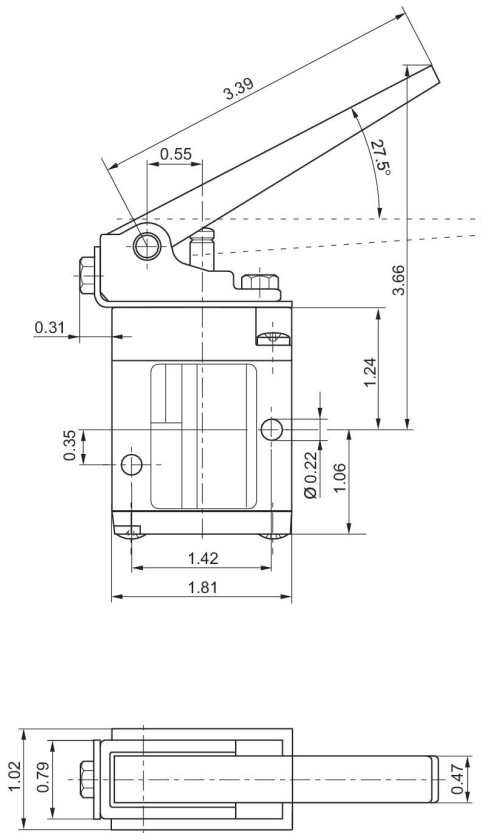


Dimensions of basic valve apply to all types of actuation.

1) Stroke 2) Overstroke 3)  $\varnothing$  0.18 - 0.47 mm deep

Dimensions in inches

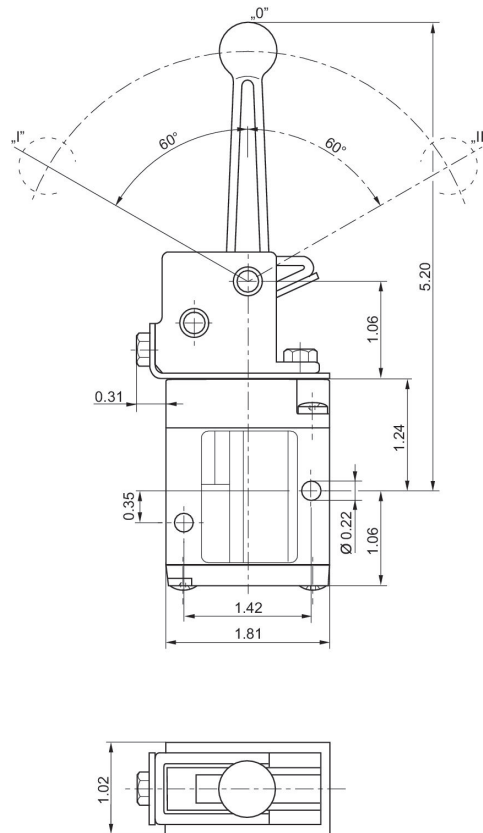
Fig. 4



Dimensions of basic valve apply to all types of actuation.

Dimensions in inches

Fig. 3



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