







5/2-directional valve, Series CD04 - inch

- Qn = 900 l/min
- Compressed air connection output 1/8-27 NPTF
- single solenoid
- Pipe connection



Version	Spool valve, positive overlapping
Activation	Mechanical
Switching principle	5/2
Sealing principle	Soft sealing
Nominal flow Qn	900 l/min
Compressed air connection	according to ANSI B1.20.3
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/m ³
Weight	See table below

Technical data

Part No.		Actuating element	Compressed air connection	
				Input
R412013032		Plunger		1/8-27 NPTF
R412013028		Roller		1/8-27 NPTF
R412013031		Hand lever, with detent, without detent		1/8-27 NPTF
R412013029		Hand lever		1/8-27 NPTF
R412013030		Rotary lever, with detent		1/8-27 NPTF
R412013033		Button		1/8-27 NPTF

Part No.	Compressed air connection		Operating force min.
	Output	Exhaust	
R412013032	1/8-27 NPTF	1/8-27 NPTF	70 N
R412013028	1/8-27 NPTF	1/8-27 NPTF	35 N
R412013031	1/8-27 NPTF	1/8-27 NPTF	15 N
R412013029	1/8-27 NPTF	1/8-27 NPTF	60 N
R412013030	1/8-27 NPTF	1/8-27 NPTF	20 N
R412013033	1/8-27 NPTF	1/8-27 NPTF	70 N

Part No.	Material actuating control	Weight	Fig.
R412013032	Stainless steel	0,29 kg	Fig. 1
R412013028	Polyoxymethylene	0,35 kg	Fig. 2
R412013031	Polyoxymethylene	0,38 kg	Fig. 3
R412013029	Aluminum	0,36 kg	Fig. 4
R412013030	Stainless steel Plastic	0,56 kg	Fig. 5
R412013033	Polyoxymethylene	0,32 kg	Fig. 6

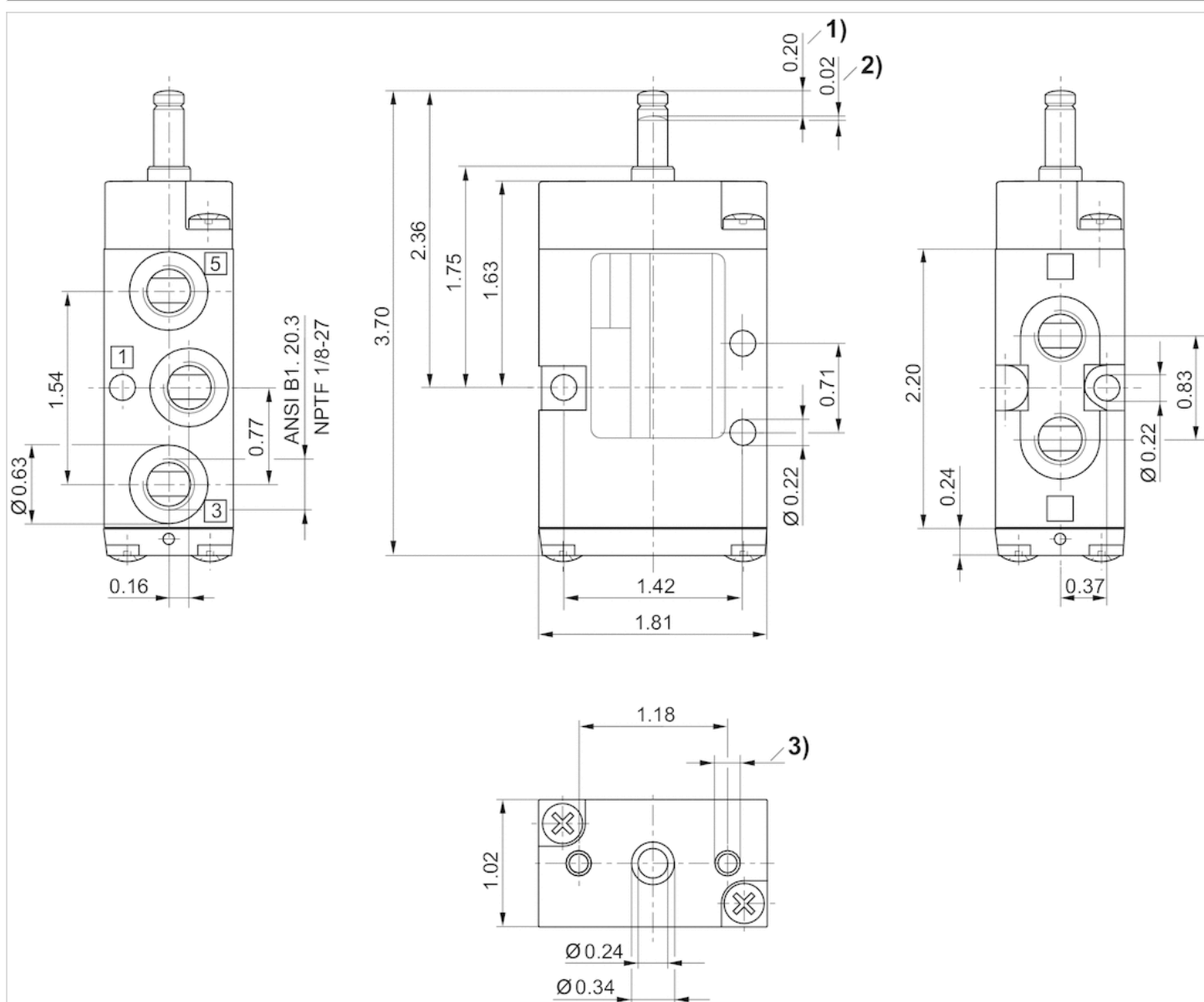
Nominal flow Qn at 6 bar and $\Delta p = 1$ bar

Technical information

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

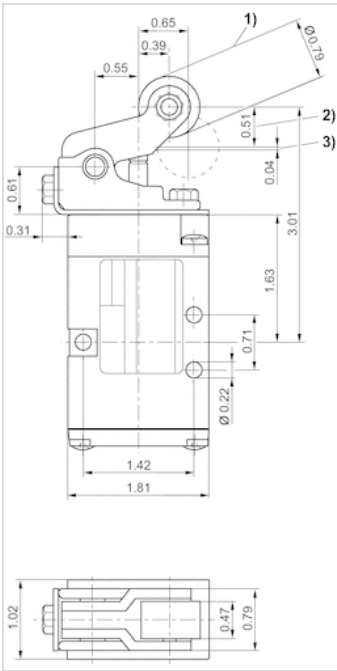
Dimensions

Dimensions in inches Fig. 1 Basic valve



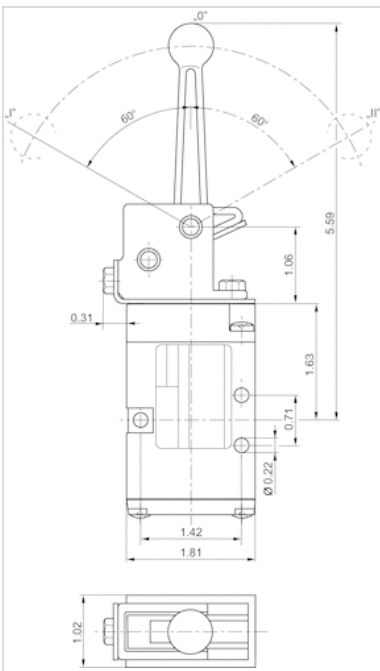
1) Stroke 2) Overstroke 3) $\text{Ø} 0.18 - 0.47$ mm deep

Dimensions in inches Fig. 2



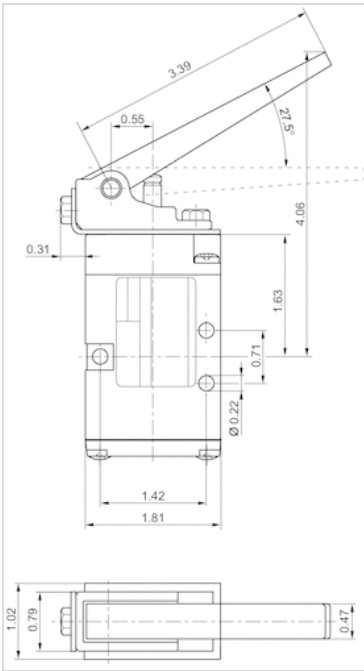
1) approach angle of rollers max. 30° 2) stroke 3) overstroke

Dimensions in inches Fig. 3

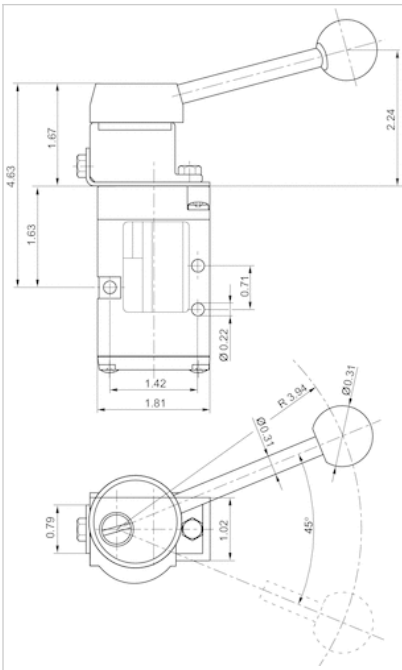


Position 0: initial position, position I: with detent; manual return, position II: automatic spring return.

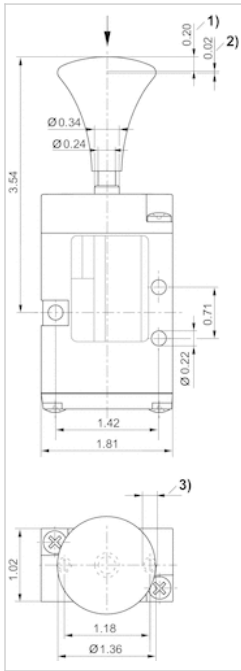
Dimensions in inches Fig. 4



Dimensions in inches Fig. 5



Dimensions in inches Fig. 6



1) Stroke 2) Overstroke 3) Ø 0.18 - 0.47 mm deep