UK Office
5 Caulside Drive
Antrim
BT41 2DU
United Kingdom
+44 (0) 28 9448 1808

European Office
Unit 6, Saint Anthony's Business Park
Dublin
D22 VW95
Ireland
+353 (0) 1 4373653

3/2-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	3/2
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/m³
Weight	See table below

Technical data

Part No.		Actuating element	Version
R412013026		Plunger	NC, NO
R412013021		Roller	NC, NO
R412013022		Roller	NC, NO
R412013025		Hand lever, with detent, without detent	NC, NO
R412013023		Hand lever	NC, NO
R412013024		Rotary lever, with detent	NC, NO
R412013027		Button	NC, NO

Part No.	Compressed air connection	Compressed air connection
	Input	Output
R412013026	1/8-27 NPTF	1/8-27 NPTF
R412013021	1/8-27 NPTF	1/8-27 NPTF
R412013022	1/8-27 NPTF	1/8-27 NPTF
R412013025	1/8-27 NPTF	1/8-27 NPTF
R412013023	1/8-27 NPTF	1/8-27 NPTF
R412013024	1/8-27 NPTF	1/8-27 NPTF
R412013027	1/8-27 NPTF	1/8-27 NPTF

Part No.	Compressed air connection	Operating force	Material actuating control	Weight
	Exhaust	min.		
R412013026	1/8-27 NPTF	60 N	Stainless steel	0,23 kg
R412013021	1/8-27 NPTF	30 N	Polyoxymethylene	0,29 kg
R412013022	1/8-27 NPTF	30 N	Stainless steel	0,29 kg
R412013025	1/8-27 NPTF	15 N	Polyoxymethylene	0,32 kg
R412013023	1/8-27 NPTF	15 N	Aluminum	0,29 kg
R412013024	1/8-27 NPTF	15 N	Stainless steel Plastic	0,5 kg

UK Office
5 Caulside Drive
Antrim
BT41 2DU
United Kingdom
+44 (0) 28 9448 1808

European Office
Unit 6, Saint Anthony's Business Park
Dublin
D22 VW95
Ireland
+353 (0) 1 4373653

Part No.	Compressed air connection	Operating force	Material actuating control	Weight
	Exhaust	min.		
R412013027	1/8-27 NPTF	60 N	Polyoxymethylene	0,25 kg

Part No.	Fig.
R412013026	Fig. 1
R412013021	Fig. 2
R412013022	Fig. 2
R412013025	Fig. 3
R412013023	Fig. 4
R412013024	Fig. 5
R412013027	Fig. 6

Nominal flow Qn at 6 bar and Δp = 1 bar

Technical information

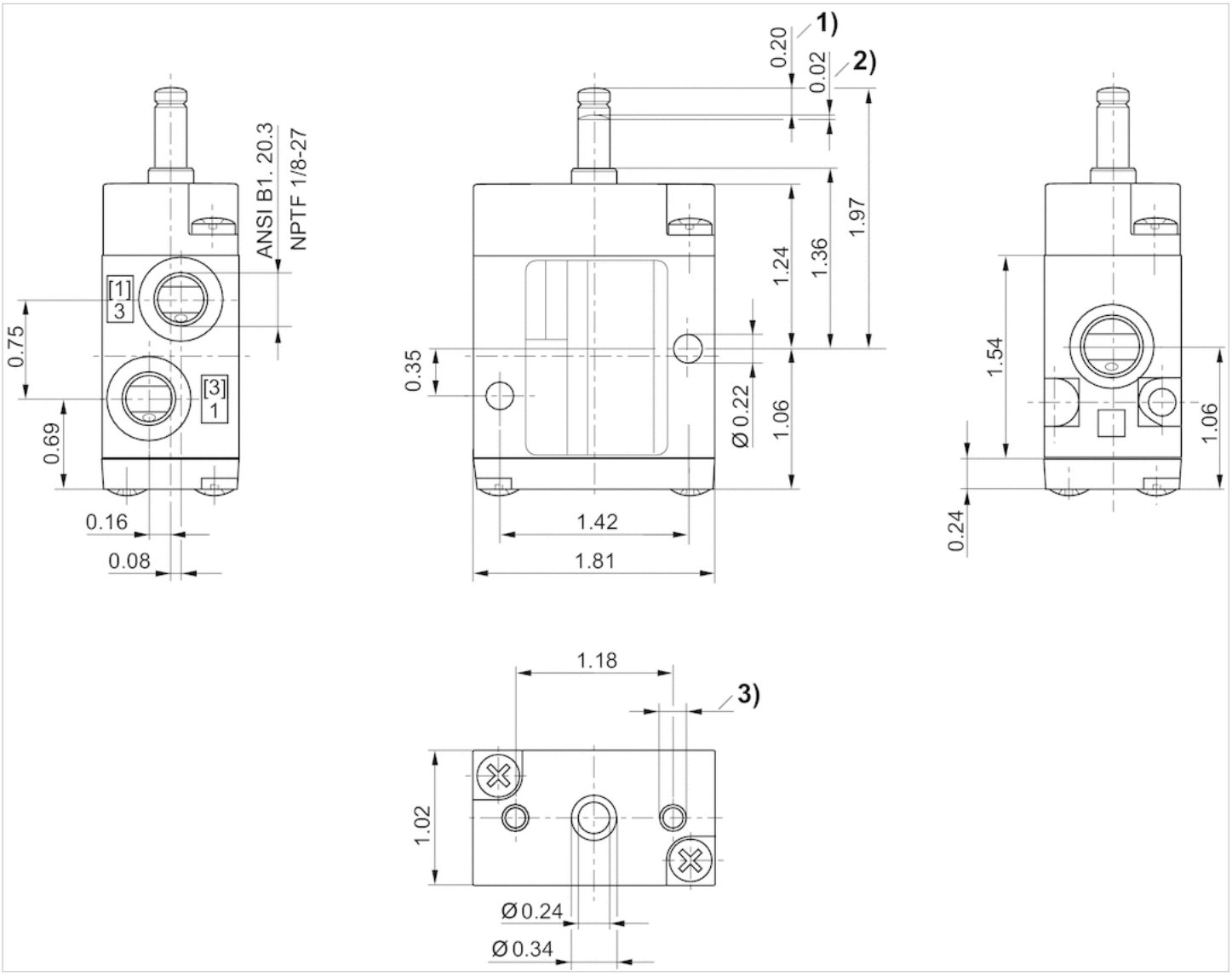
Material	
Actuating element	Stainless steel Polyoxymethylene Aluminum Stainless steel Plastic

UK Office
5 Caulside Drive
Antrim
BT41 2DU
United Kingdom
+44 (0) 28 9448 1808

European Office
Unit 6, Saint Anthony's Business Park
Dublin
D22 VW95
Ireland
+353 (0) 1 4373653

Dimensions

Dimensions in inches Fig. 1 Basic valve

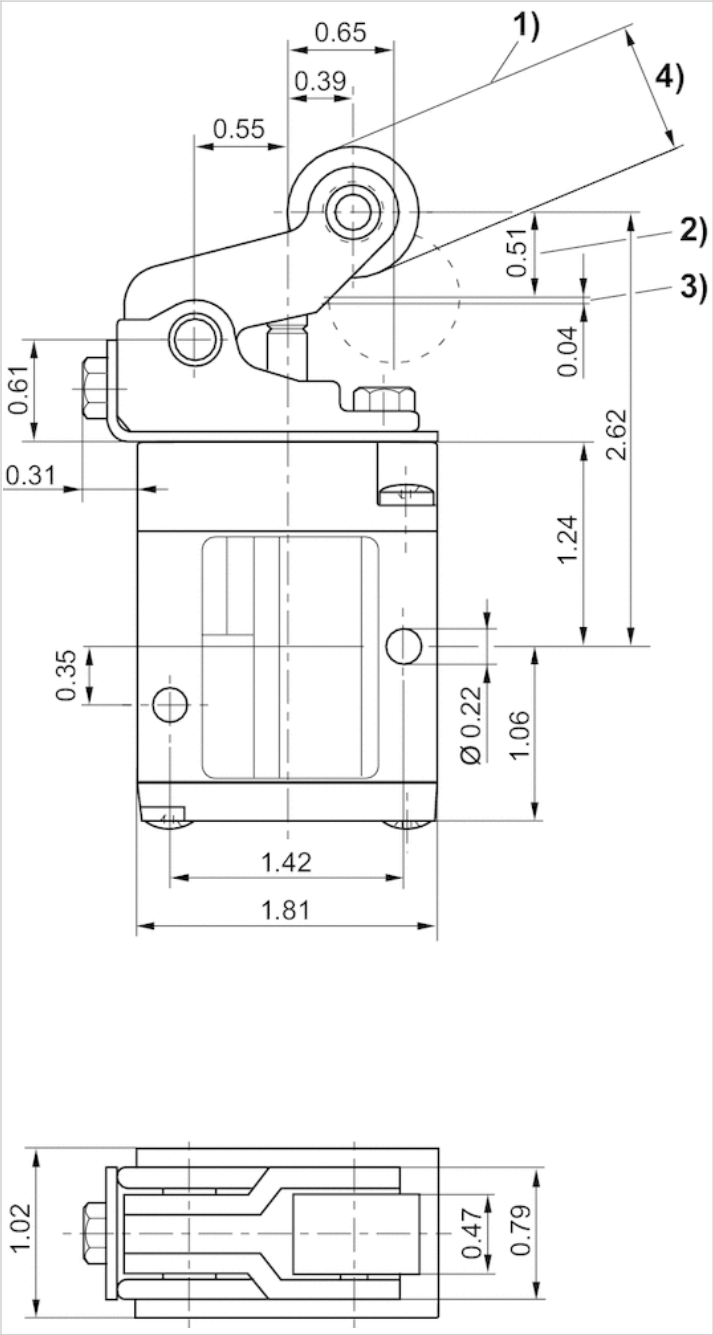


1) Stroke 2) Overstroke 3) Ø 0.18 - 0.47 mm deep

UK Office
5 Caulside Drive
Antrim
BT41 2DU
United Kingdom
+44 (0) 28 9448 1808

European Office
Unit 6, Saint Anthony's Business Park
Dublin
D22 VW95
Ireland
+353 (0) 1 4373653

Dimensions in inches Fig. 2

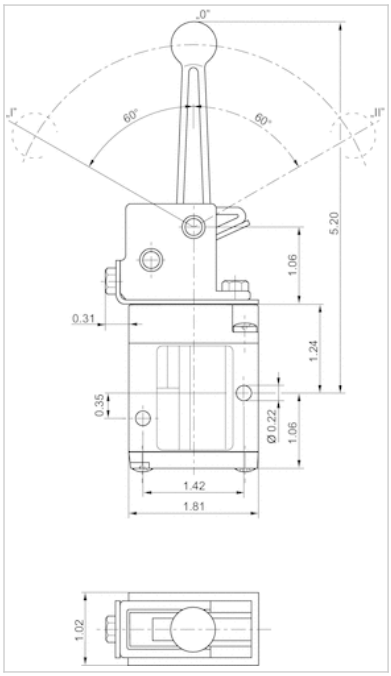


1) approach angle of rollers max. 30° 2) stroke 3) overstroke
4) R412013021: Ø 0,79 (POM) / R412013022: Ø 0,75 (ST)

UK Office
5 Caulside Drive
Antrim
BT41 2DU
United Kingdom
+44 (0) 28 9448 1808

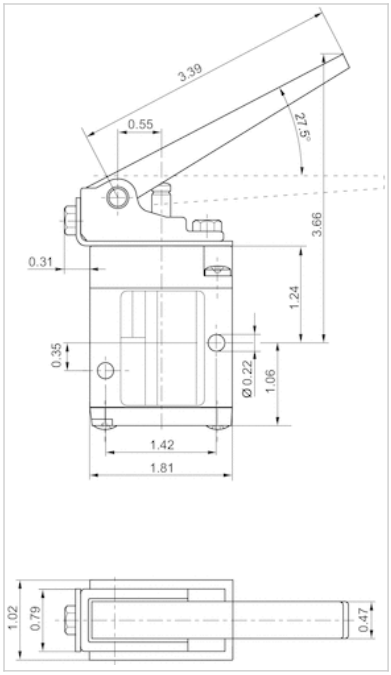
European Office
Unit 6, Saint Anthony's Business Park
Dublin
D22 VW95
Ireland
+353 (0) 1 4373653

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

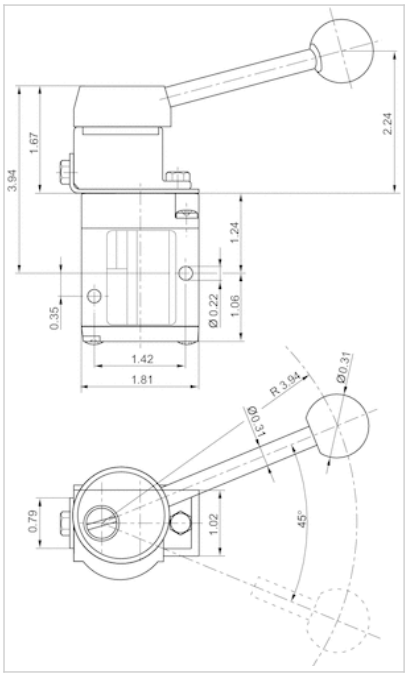


Dimensions of basic valve apply to all types of actuation.

UK Office
5 Caulside Drive
Antrim
BT41 2DU
United Kingdom
+44 (0) 28 9448 1808

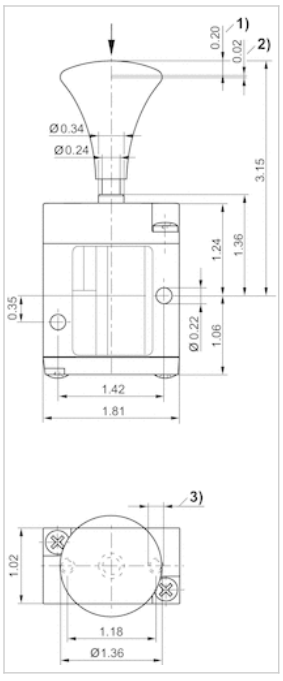
European Office
Unit 6, Saint Anthony's Business Park
Dublin
D22 VW95
Ireland
+353 (0) 1 4373653

Dimensions in inches Fig. 5



Dimensions of basic valve apply to all types of actuation.

Dimensions in inches Fig. 6



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