

Valves

Solenoid Pilot Valves



01V

Pg. 14.4

Externally Piloted Solenoid Valves



01V - X1V

Pg. 14.10

Air Pilot Valves



01V

Pg. 14.24

Manual Valves



01V - X1V

Pg. 14.30

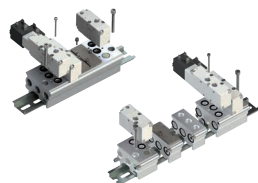
Mechanically Actuated Valves



01V

Pg. 14.40

Din Rail Mounted, Fixed Length and Modular Manifold Bases



01V

Pg. 14.43

Micro Valves



02V

Pg. 14.49

16 mm Valves



03V

Pg. 14.52

Micro Valves, Panel Mounted



04V

Pg. 14.56

Individual and Manifold Base Mounted Valves



05V

Pg. 14.59

Pedal Valves



06V

Pg. 14.67

Solenoid Valves



07V

Pg. 14.69

Miniature Solenoid Valves 10 mm



07V

Pg. 14.71

Miniature Solenoid Valves 15 mm



07V

Pg. 14.73

NAMUR Standard Valves



08V

Pg. 14.77

Valves ISO 5599 - Size 1



10V

Pg. 14.84

Valves ISO 5599 - Size 2



11V

Pg. 14.88

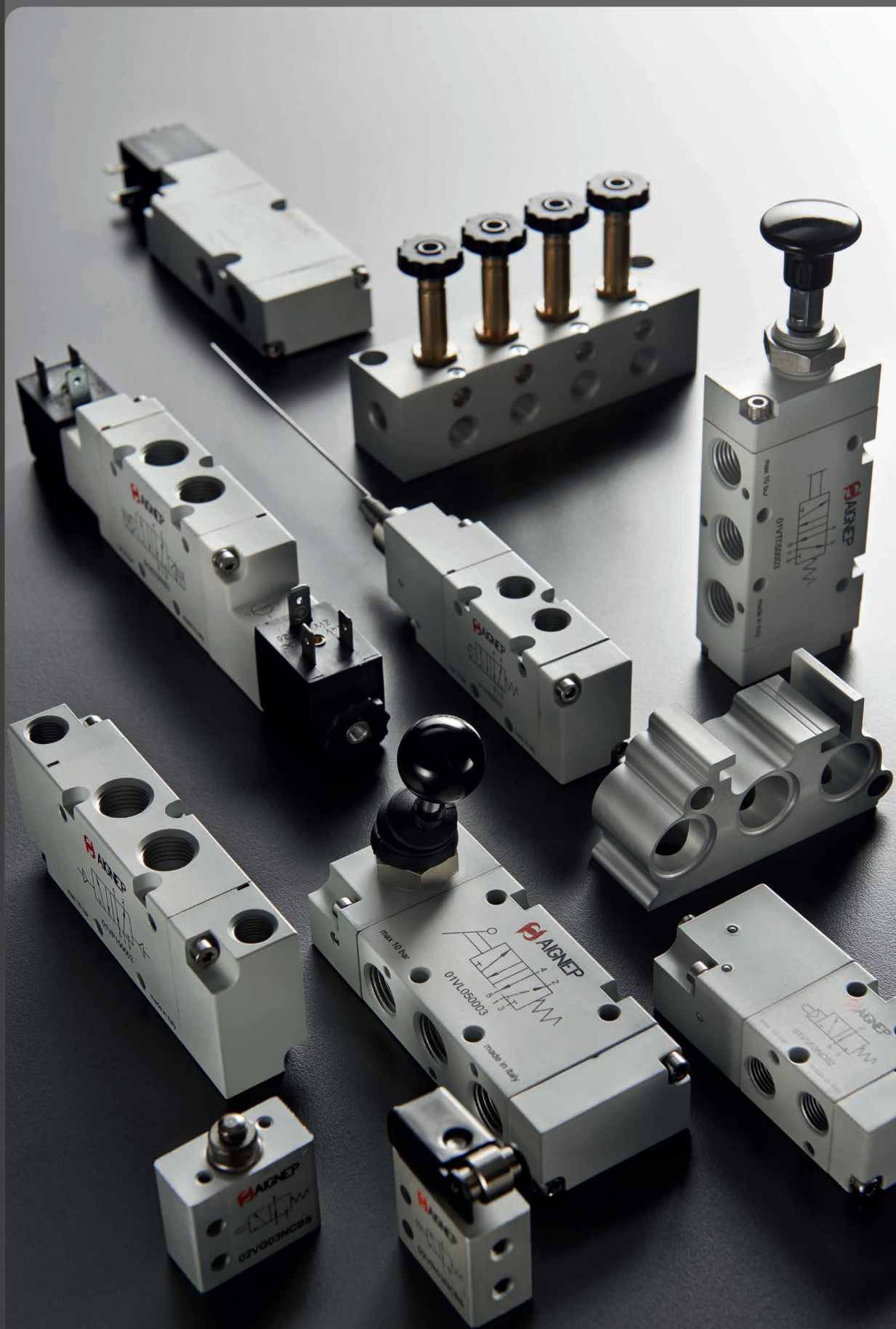
Solenoids and Connectors



Pg. 14.20 - Pg. 14.23

MANUAL, MECHANICAL, AIR PILOT AND SOLENOID PILOT VALVES

Valves

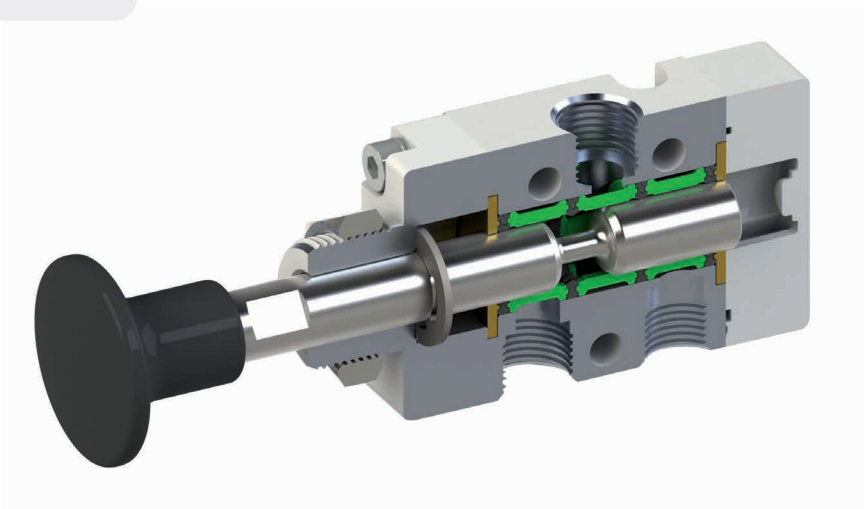




MANUAL VALVES



TECHNICAL CHARACTERISTICS



Reference Standard

1907/2006
REACH

2011/65/CE
RoHS

PED
2014/68/UE

ATEX
2014/34/UE



Component Parts and Materials

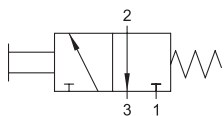
- Anodised and painted aluminium body
- Chemical nickel-plated spool
- NBR seals

		1/8	1/4
	THREAD	G 1/8 NPTF 1/8	G 1/4 NPTF 1/4
	6 bar FLOW RATE with Δp 1 bar	740 NI/min	1200 NI/min
	OPERATING PRESSURE	Vacuum ÷ 10 bar Vacuum ÷ 145 psi	
	TEMPERATURE	min	-10 °C 14 °F
		max	+60 °C 140 °F
	PANEL MOUNT	M 16x1	

Series	Actuation	Reactuation	Function	Size	Thread
0 1 V	T	0	3	0 2	
T = Button L = 90° Lever F = Front lever 0 = Monostable spring return 1 = Bistable 2 = Stable in 3 positions 3 = 3/2 5 = 5/2 7 = 5/3 NO = Normally open NC = Normally closed CC = All Ports Blocked OC = Cylinder Ports Open to Exhaust PC = Cylinder Ports Pressurized 00 = Function not provided 02 = 1/8 03 = 1/4 = G N = NPTF					

3/2

BUTTON OPERATED - SPRING RETURN

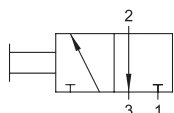


Part No.	Function	Size	Pack.
01V T0 3 NC 02	3/2 NC	G 1/8	1
01V T0 3 NC 03	3/2 NC	G 1/4	1

Part No.	Function	Size	Pack.
01V T0 3 NC 02 N	3/2 NC	NPTF 1/8	1
01V T0 3 NC 03 N	3/2 NC	NPTF 1/4	1

3/2

BUTTON OPERATED - PUSH / PULL

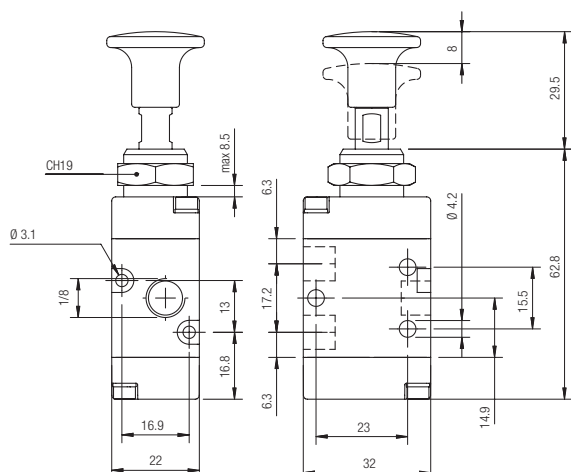


Part No.	Function	Size	Pack.
01V T1 3 00 02	3/2	G 1/8	1
01V T1 3 00 03	3/2	G 1/4	1

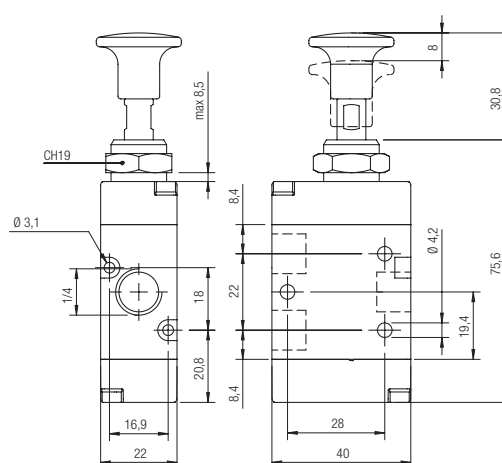
Part No.	Function	Size	Pack.
01V T1 3 00 02 N	3/2	NPTF 1/8	1
01V T1 3 00 03 N	3/2	NPTF 1/4	1



G 1/8 - NPTF 1/8

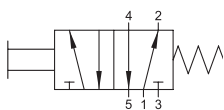


G 1/4 - NPTF 1/4



5/2

BUTTON OPERATED - SPRING RETURN



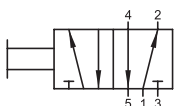
Part No.	Function	Size	Pack.
01V T0 5 00 02	5/2	G 1/8	1
01V T0 5 00 03	5/2	G 1/4	1

Part No.	Function	Size	Pack.
01V T0 5 00 02 N	5/2	NPTF 1/8	1
01V T0 5 00 03 N	5/2	NPTF 1/4	1



5/2

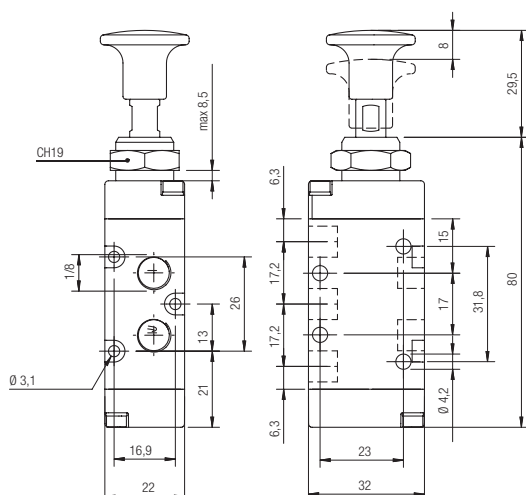
BUTTON OPERATED - PUSH / PULL



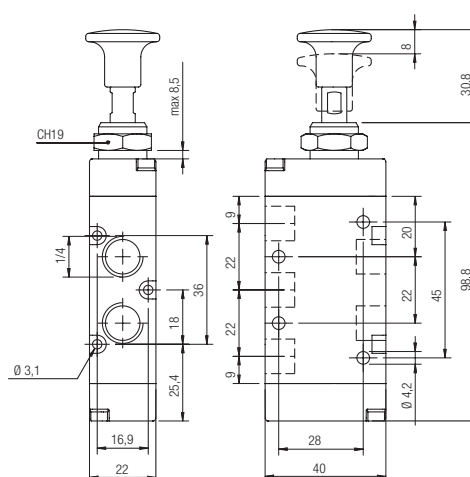
Part No.	Function	Size	Pack.
01VT1 5 00 02	5/2	G 1/8	1
01VT1 5 00 03	5/2	G 1/4	1

Part No.	Function	Size	Pack.
01V T1 5 00 02 N	5/2	NPTF 1/8	1
01V T1 5 00 03 N	5/2	NPTF 1/4	1

G 1/8 - NPTF 1/8

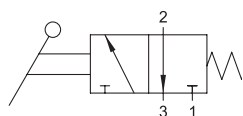


G 1/4 - NPTF 1/4



3/2

LEVER OPERATED - SPRING RETURN

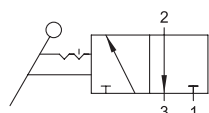


Part No.	Function	Size	Pack.
01V L0 3 NC 02	3/2 NC	G 1/8	1
01V L0 3 NC 03	3/2 NC	G 1/4	1

Part No.	Function	Size	Pack.
01V L0 3 NC 02 N	3/2 NC	NPTF 1/8	1
01V L0 3 NC 03 N	3/2 NC	NPTF 1/4	1

3/2

LEVER OPERATED - PUSH / PULL

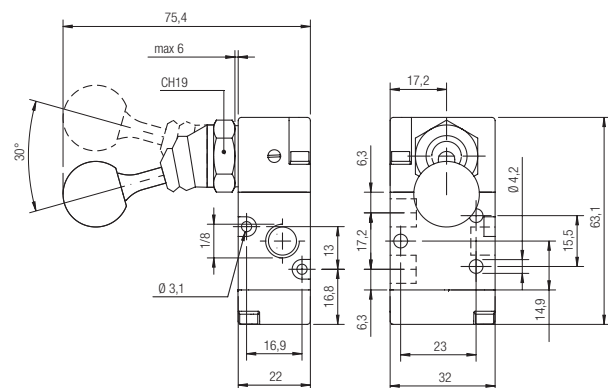


Part No.	Function	Size	Pack.
01V L1 3 00 02	3/2	G 1/8	1
01V L1 3 00 03	3/2	G 1/4	1

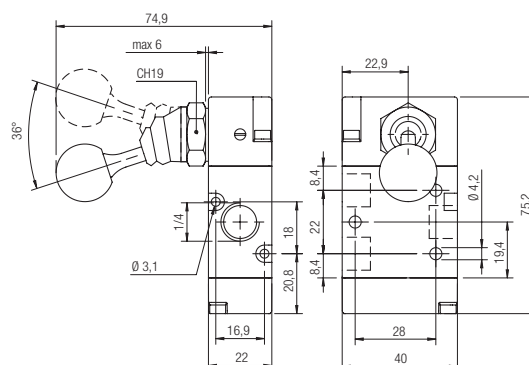
Part No.	Function	Size	Pack.
01V L1 3 00 02 N	3/2	NPTF 1/8	1
01V L1 3 00 03 N	3/2	NPTF 1/4	1



G 1/8 - NPTF 1/8

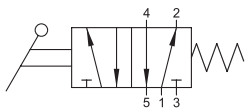


G 1/4 - NPTF 1/4



5/2

LEVER OPERATED - SPRING RETURN



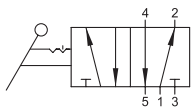
Part No.	Function	Size	Pack.
01V L0 5 00 02	5/2	G 1/8	1
01V L0 5 00 03	5/2	G 1/4	1

Part No.	Function	Size	Pack.
01V L0 5 00 02 N	5/2	NPTF 1/8	1
01V L0 5 00 03 N	5/2	NPTF 1/4	1



5/2

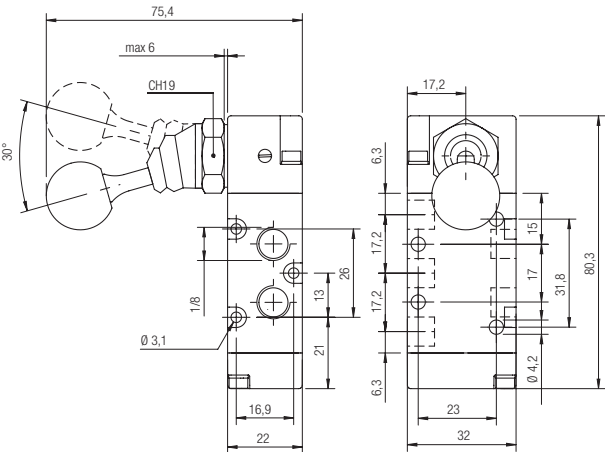
LEVER OPERATED - PUSH / PULL



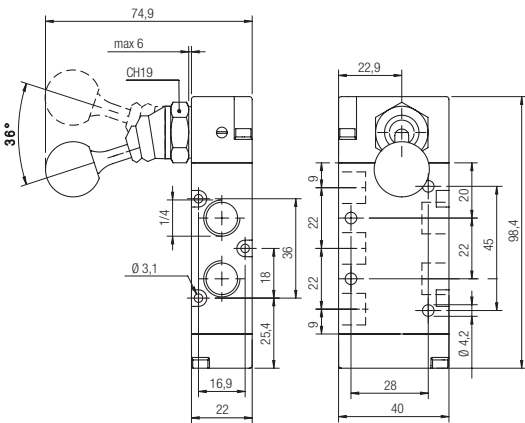
Part No.	Function	Size	Pack.
01V L1 5 00 02	5/2	G 1/8	1
01V L1 5 00 03	5/2	G 1/4	1

Part No.	Function	Size	Pack.
01V L1 5 00 02 N	5/2	NPTF 1/8	1
01V L1 5 00 03 N	5/2	NPTF 1/4	1

G 1/8 - NPTF 1/8

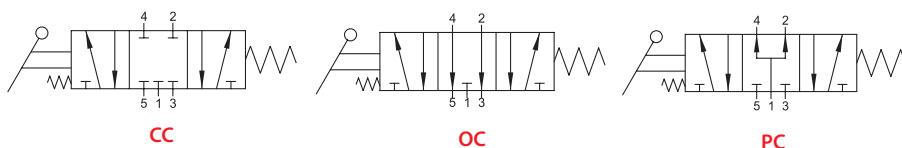


G 1/4 - NPTF 1/4



5/3

LEVER OPERATED - SPRING CENTERED



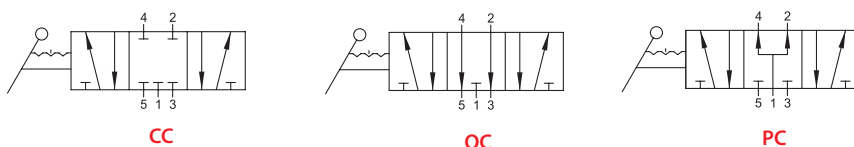
Part No.	Function	Size	Pack.
01V L0 7 CC 02	5/3 CC	G 1/8	1
01V L0 7 CC 03	5/3 CC	G 1/4	1
01V L0 7 OC 02	5/3 OC	G 1/8	1
01V L0 7 OC 03	5/3 OC	G 1/4	1
01V L0 7 PC 02	5/3 PC	G 1/8	1
01V L0 7 PC 03	5/3 PC	G 1/4	1

Part No.	Function	Size	Pack.
01V L0 7 CC 02 N	5/3 CC	NPTF 1/8	1
01V L0 7 CC 03 N	5/3 CC	NPTF 1/4	1
01V L0 7 OC 02 N	5/3 OC	NPTF 1/8	1
01V L0 7 OC 03 N	5/3 OC	NPTF 1/4	1
01V L0 7 PC 02 N	5/3 PC	NPTF 1/8	1
01V L0 7 PC 03 N	5/3 PC	NPTF 1/4	1



5/3

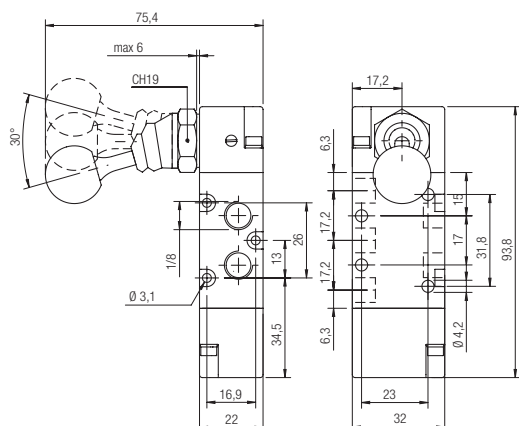
LEVER OPERATED - PUSH / PULL



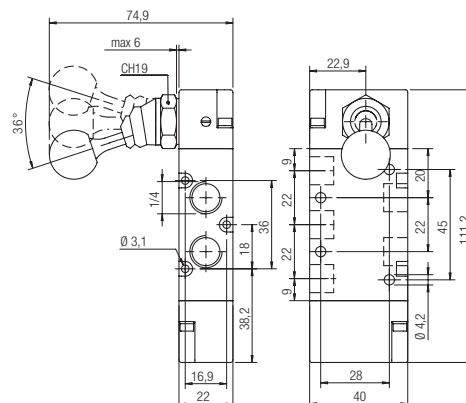
Part No.	Function	Size	Pack.
01V L2 7 CC 02	5/3 CC	G 1/8	1
01V L2 7 CC 03	5/3 CC	G 1/4	1
01V L2 7 OC 02	5/3 OC	G 1/8	1
01V L2 7 OC 03	5/3 OC	G 1/4	1
01V L2 7 PC 02	5/3 PC	G 1/8	1
01V L2 7 PC 03	5/3 PC	G 1/4	1

Part No.	Function	Size	Pack.
01V L2 7 CC 02 N	5/3 CC	NPTF 1/8	1
01V L2 7 CC 03 N	5/3 CC	NPTF 1/4	1
01V L2 7 OC 02 N	5/3 OC	NPTF 1/8	1
01V L2 7 OC 03 N	5/3 OC	NPTF 1/4	1
01V L2 7 PC 02 N	5/3 PC	NPTF 1/8	1
01V L2 7 PC 03 N	5/3 PC	NPTF 1/4	1

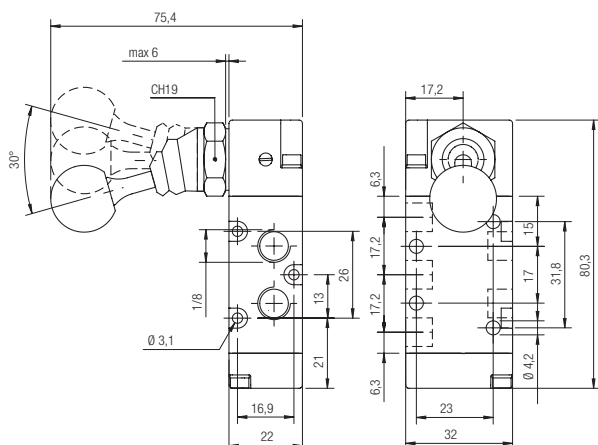
01V L0 7 CC 02 01V L0 7 OC 02 01V L0 7 PC 02
01V L0 7 CC 02 N 01V L0 7 OC 02 N 01V L0 7 PC 02 N



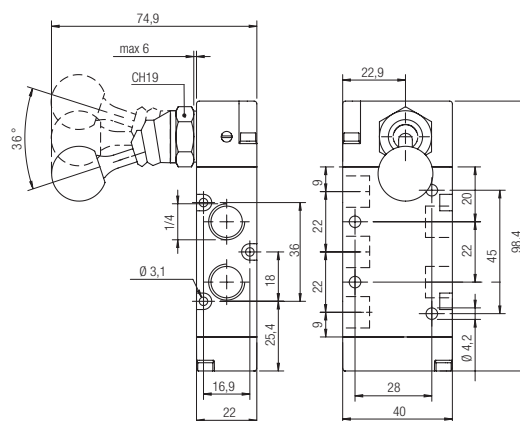
01V L0 7 CC 03 01V L0 7 OC 03 01V L0 7 PC 03
01V L0 7 CC 03 N 01V L0 7 OC 03 N 01V L0 7 PC 03 N



01V L2 7 CC 02 01V L2 7 OC 02 01V L2 7 PC 02
01V L2 7 CC 02 N 01V L2 7 OC 02 N 01V L2 7 PC 02 N



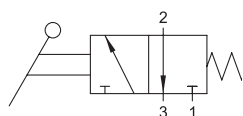
01V L2 7 CC 03 01V L2 7 OC 03 01V L2 7 PC 03
01V L2 7 CC 03 N 01V L2 7 OC 03 N 01V L2 7 PC 03 N



3/2

LEVER OPERATED - SPRING RETURN

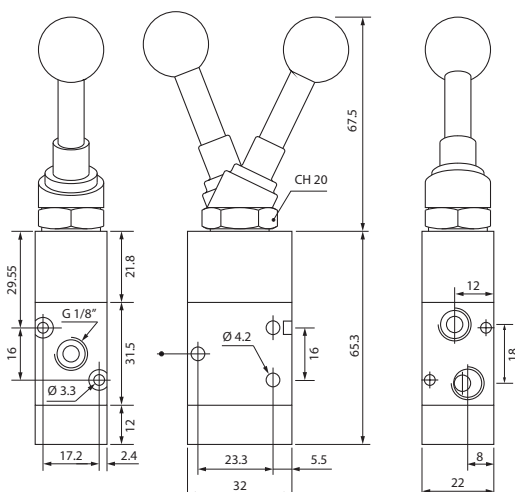
FRONT LEVER VALVE



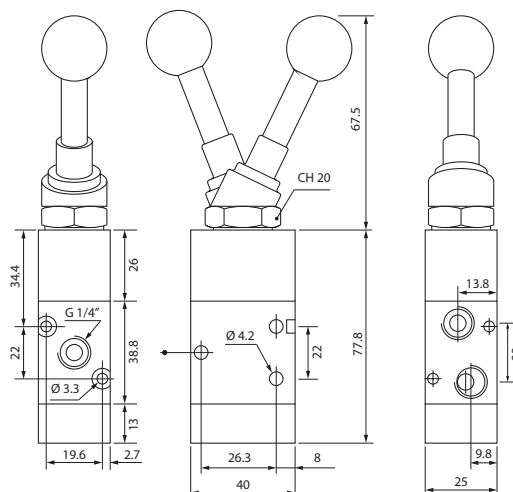
Part No.	Function	Size	Pack.
01V F1 3 00 02	3/2 NC	G 1/8	1
01V F1 3 00 03	3/2 NC	G 1/4	1



01V F1 3 00 02



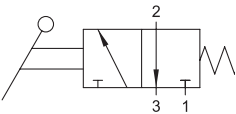
01V F1 3 00 03



5/2

LEVER OPERATED - SPRING RETURN

FRONT LEVER VALVE

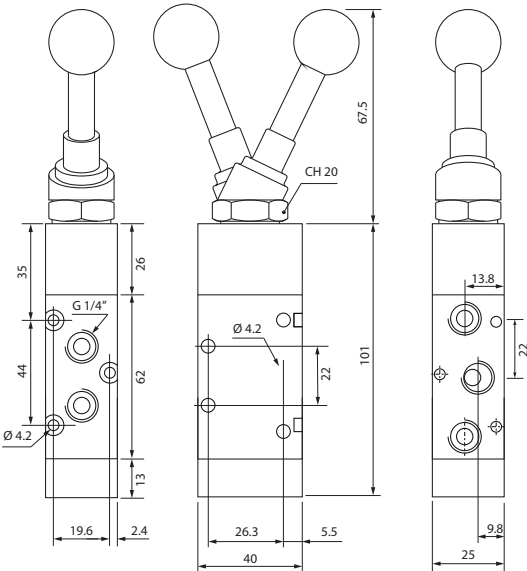
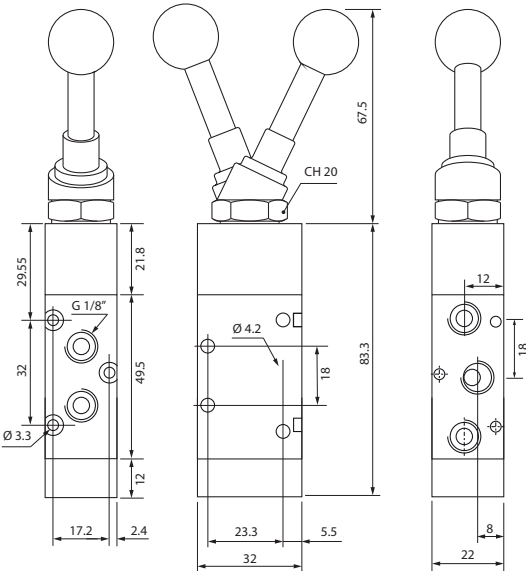


Part No.	Function	Size	Pack.
01V F1 5 00 02	5/2	G 1/8	1
01V F1 5 00 03	5/2	G 1/4	1



01V F1 5 00 02

01V F1 5 00 03



STAINLESS STEEL AISI 316 L 90° LEVER VALVE

AISI 316L



TECHNICAL CHARACTERISTICS



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

PED
2014/68/UE



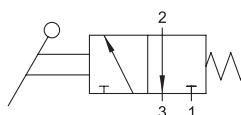
Component Parts and Materials

- Stainless Steel 316 L (1.4404) body
- Stainless Steel 316 L (1.4404) spool
- PUR seals and FKM O-Ring

		1/4
	THREAD	G 1/4
	OPERATING PRESSURE	1 ÷ 10 bar
	ACTIVATION FORCE	20 N

3/2 Ways

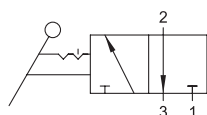
MONOSTABLE SPRING RETURN



Part No.	Function	Size	Pack.
X1V L0 3 NC 03	3/2 NC	G 1/4	1

3/2 Ways

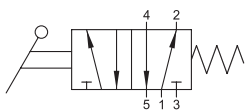
TWO STABLE POSITIONS



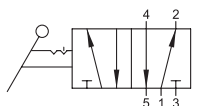
Part No.	Function	Size	Pack.
X1V L1 3 00 03	3/2	G 1/4	1



MONOSTABLE SPRING RETURN



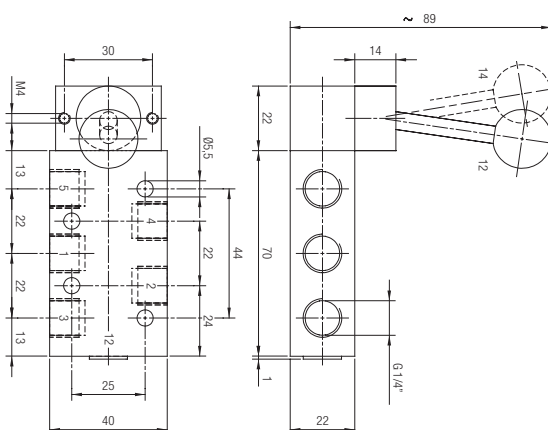
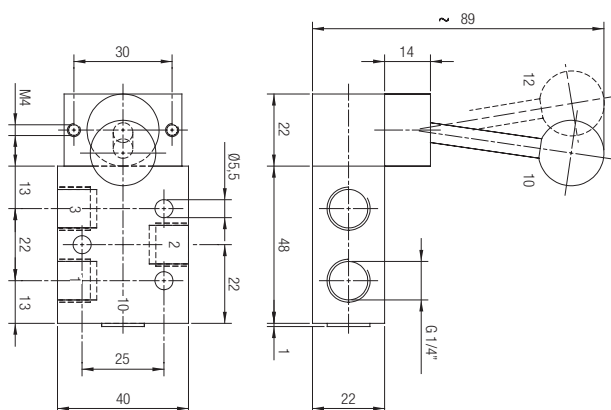
TWO STABLE POSITIONS



Part No.	Function	Size	Pack.
X1V L1 5 00 03	5/2	G 1/4	1

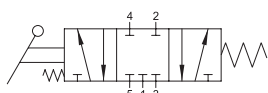


X1V L0 5 00 03 X1V L1 5 00 03

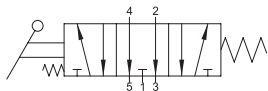


5/3 Ways

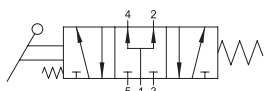
MONOSTABLE SPRING RETURN



CC



OC



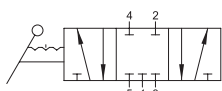
PC

Part No.	Function	Size	Pack.
X1V L0 7 CC 03	5/3 CC	G 1/4	1
X1V L0 7 OC 03	5/3 OC	G 1/4	1
X1V L0 7 PC 03	5/3 PC	G 1/4	1



5/3 Ways

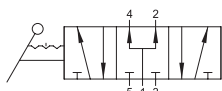
3 STABLE POSITIONS



CC



OC



PC

Part No.	Function	Size	Pack.
X1V L2 7 CC 03	5/3 CC	G 1/4	1
X1V L2 7 OC 03	5/3 OC	G 1/4	1
X1V L2 7 PC 03	5/3 PC	G 1/4	1

X1V L0 7 CC 03 X1V L0 7 OC 03 X1V L0 7 PC 03
X1V L2 7 CC 03 X1V L2 7 OC 03 X1V L2 7 PC 03

