MV1 AIRLESS

electropneumatic valve

Zator
gluing solutions

DATASHEET

TECHNICAL DESCRIPTION

The MV1 AirLess valve is a dispenser for low and medium viscosity fluids.
Product atomization takes place without the use of compressed air, the combination of product pressure and airless nozzle design produces a fan-type atomization effect.
The valve maintains the same characteristics as the MV1 and, thanks to the micrometer adjustment (optional), it is possible to control the quantity of fluid dispensed more precisely, avoiding product waste.

The MV1 can be activated even via an electropneumatic, 5 ways valve, in this case, it takes the name of MK1 (see dedicated datasheet). Both solutions are compatible and interchangeable even after purchase (fig.1).

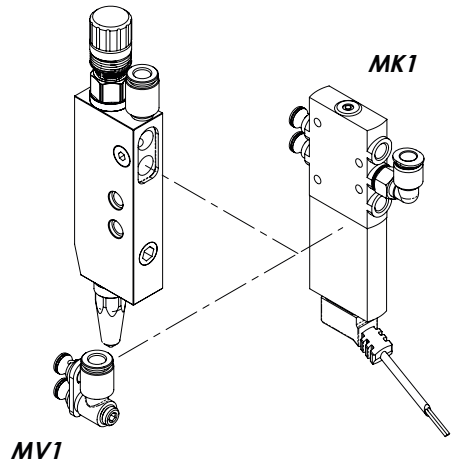


Fig. 1

APPLICATION FIELDS

- packaging
- paper converting
- case maker
- wood industry
- assembly
- food industry

FLUID TYPES

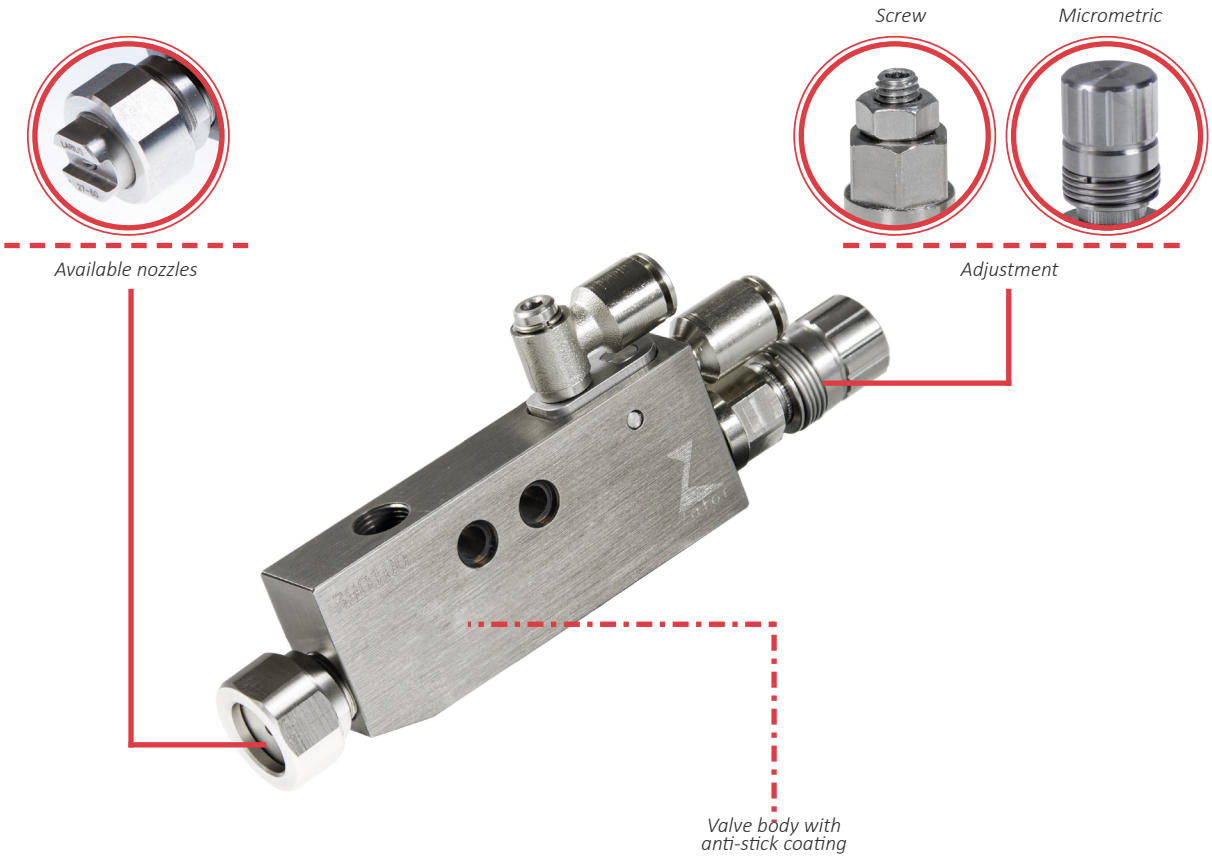
- adhesives and glues
- inks
- paints
- lubrificants
- low, medium and high viscosity fluids

TECHNICAL DATA

technical data

Air pressure control	min. 5 bar
Drive type	single or double action
Maximum working pressure	80 bar
Weight	380 g

Airless

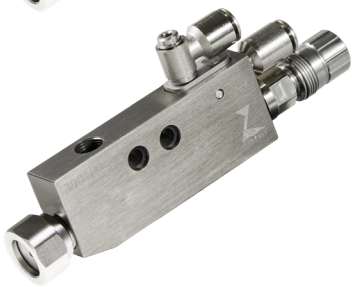


FULL STAINLESS STEEL VALVE AVAILABLE ON REQUEST

MODELS

code	description
MV40B00200	Extrusion valve MV1MGNR AirLess screw adjustment

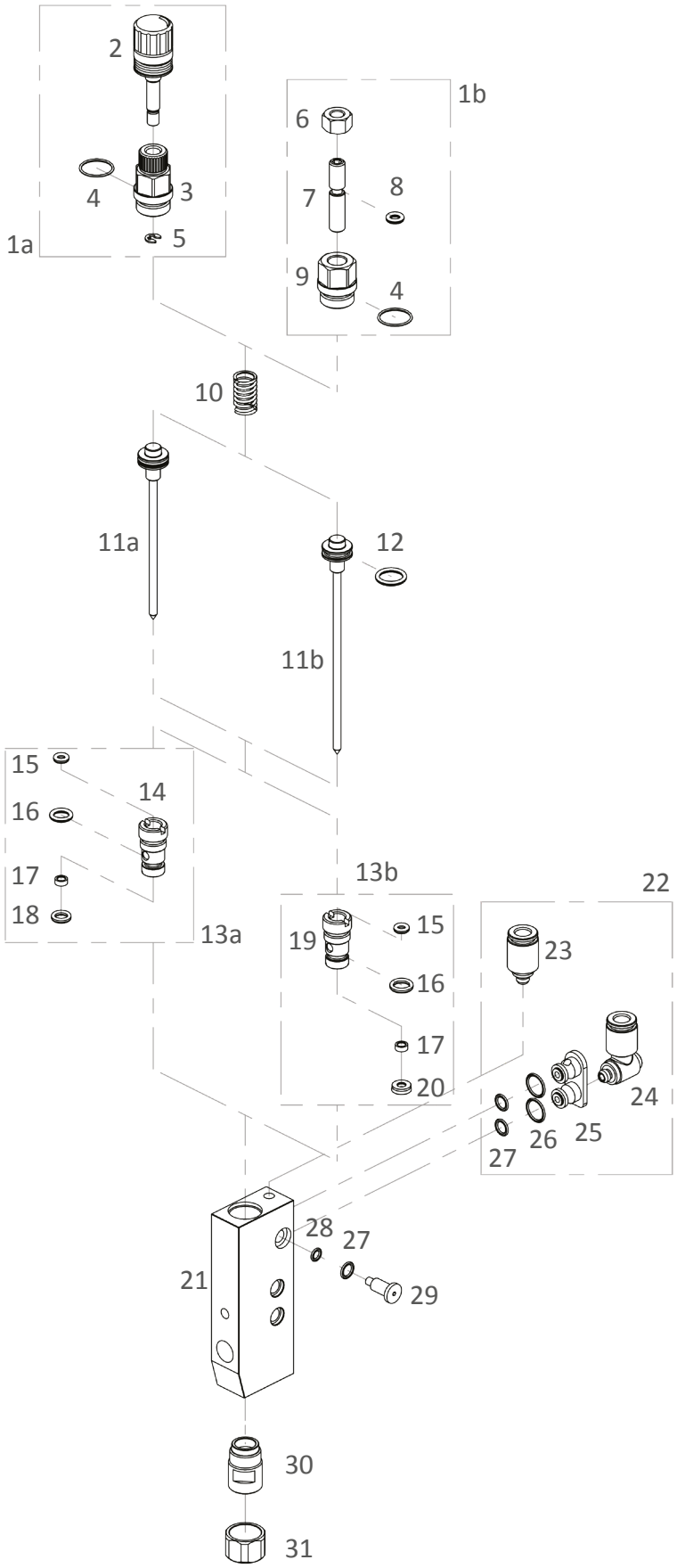
code	description
MV40C00200	Extrusion valve MV1MGRM AirLess adj. with micrometric knob



PARTS LIST

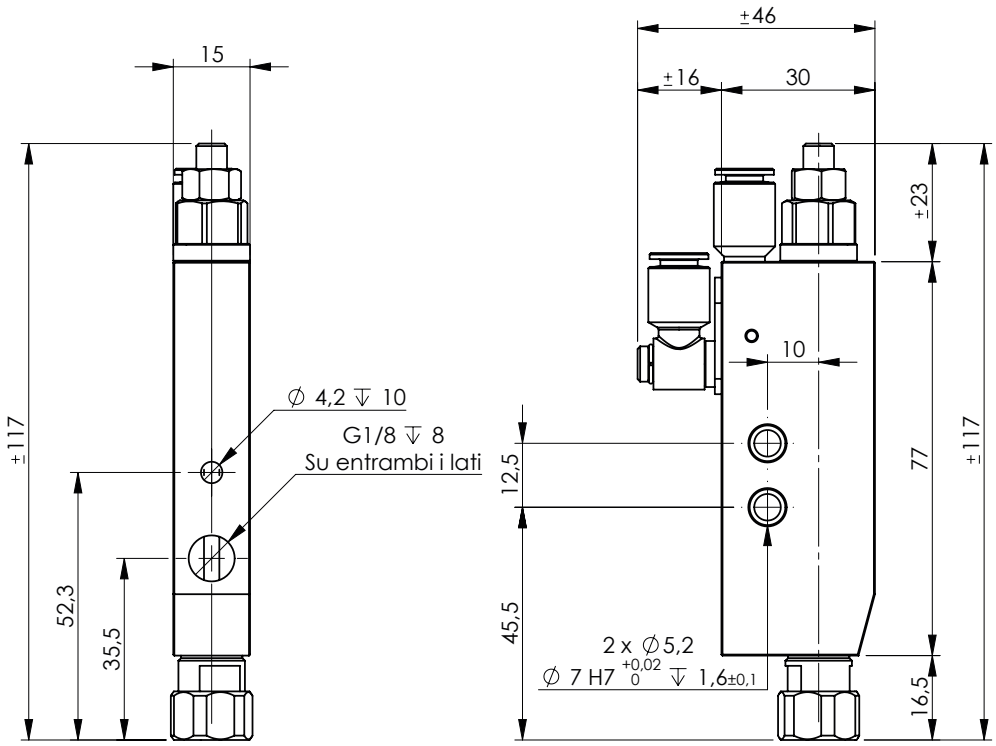
pos.	code	q.ty	description
1a	C32500007	1	Micrometric adjustment complete
1b	C32500002	1	Screw adjustment complete
2	C32500008	1	Micrometric adjustment knob
3	C32500009	1	Micrometric adjustment block
4	RNG100X10E	1	O-ring[1-2]
5	SGG200231	1	Adjustment circlip
6	NT0006010	1	Nut
7	C32500003	1	Screw
8	RNG000007E	1	O-ring[1-2]
9	C32500004	1	Screw adjustment block
10	CCS000400	1	Spring
11a	NDL402002	1	Needle KV
11b	NDL401002	1	Needle LV
12	RNG000011E	1	O-ring[1-2]
13a	H83100204	1	Standard lock bush complete
13b	BSG00400	1	Double seal lock bush complete
14	H83100104	1	Standard lock bush
15	RNG000006E	1	O-ring[1-2]
16	RNG000010E	1	O-ring[1-2]
17	SHS30790T	1	Gasket[1-2]
18	RNG000008E	1	O-ring[1]
19	BSH000400	1	Double seal lock bush
20	VRS30760T	1	Gasket[2]
21	BG004001	1	Valve body

pos.	code	q.ty	description
22	KCN004100	1	Pneumatic connection kit
23	RRAZ0252	1	Fitting straight
24	RRBF0252	1	Fitting 90°
25	KCN004101	1	Fitting kit
26	RNG070X15E	2	O-ring[1-2]
27	RNG050X10E	3	O-ring[1-2]
28	RNG030X10E	1	O-ring[1-2]
29	SC09030131	1	Screw
30	NZLP4021200	1	Pneumatic Nozzle MG Airless
31	LCN000350	1	Nozzle nut MG Airless
	KGN004100	1	Gasket kit[1]
	KGN004101	1	Viton gasket kit[1]
	KGN004102	1	Double seal gasket kit[2]
	KGN004103	1	Viton double seal gasket kit[2]

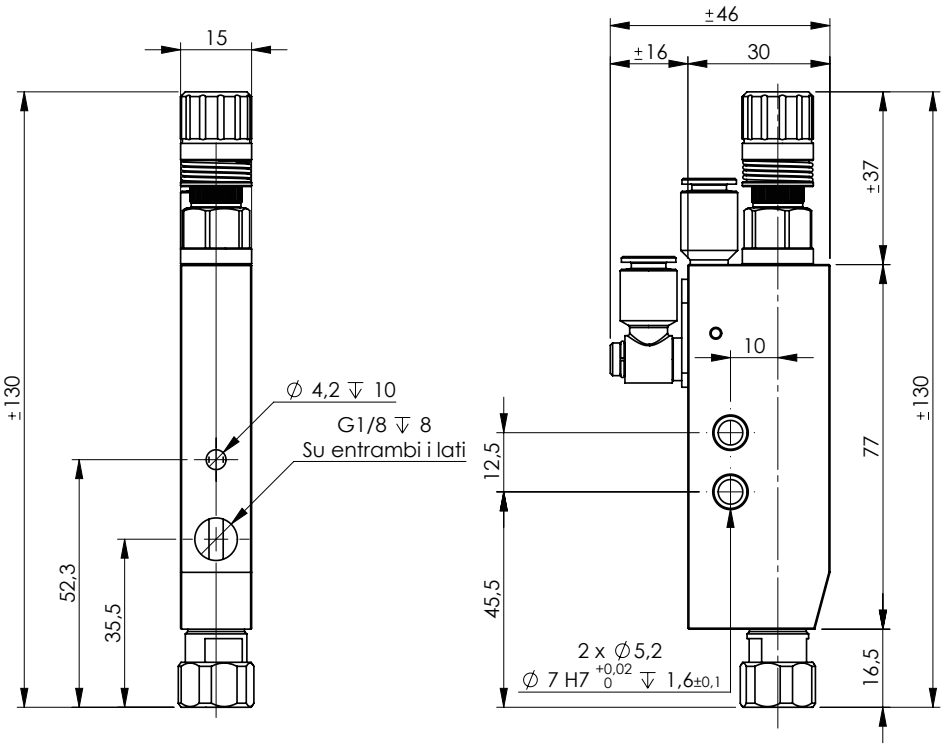


DIMENSIONS

MV40B00200



MV40C00200



ZATOR SRL

registered office
Via Agostino Bertani 2
20154 Milano
Italia

head office
Via Galvani, 11
20095 Cusano Milanino (MI)
Italia

Tel. +39 02 66403235
Fax +39 02 66403215

info@zator.it
www.zator.it

Datasheet
MV1 AIRLESS_v01

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