

MF1

pneumatic spray valve



Zator
gluing solutions

DATASHEET





TECHNICAL DESCRIPTION

The pneumatic spray valve MF1 has been designed and realized for its use on various kind of production machines: its design and versatility make it ideal for any applications that require the use of spray valves. It's a dispenser of low and medium viscosity glues, adhesives and fluids.

The valve is pneumatically controlled by two external solenoid valves, one for the control of the valve and one for the nebulization of the fluid. It's sturdy and compact size. One of it's main feature is to have nozzle and cap with anti-stick coating and a self-cleaning needle which ensure the long operating life time of the valve. The micrometric adjustment (optional) allows a fine control of the dispensed glue quantity.

APPLICATION FIELDS

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

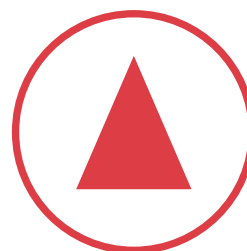
FLUID TYPES

- | adhesives and glues
- | inks
- | paints
- | lubricants
- | low viscosity fluid

TECHNICAL DATA

technical data

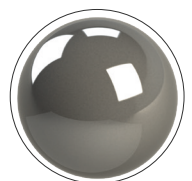
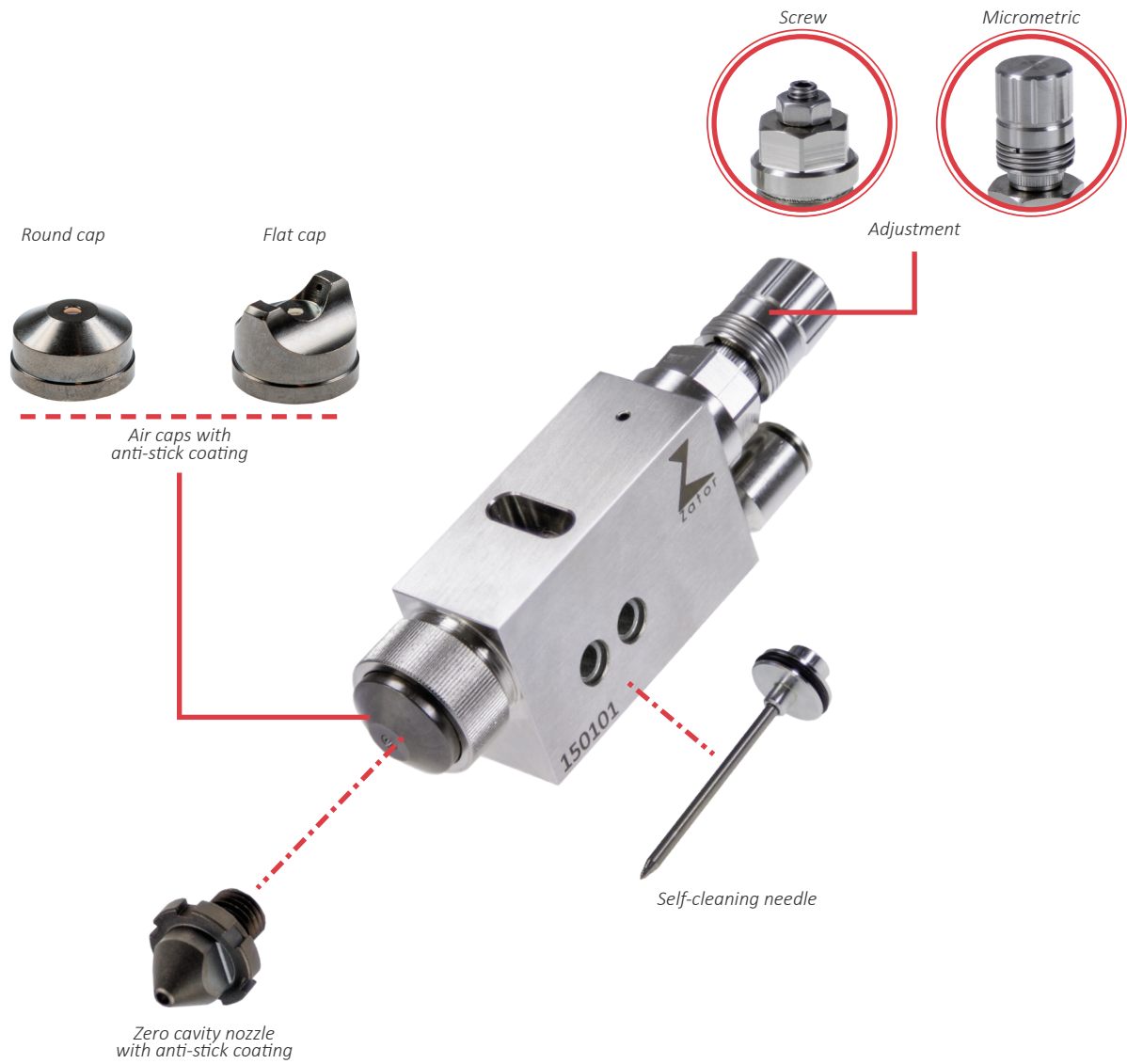
Available nozzle diameters	from 0,3 to 1,5 mm
Air pressure control	min. 4 bar
Drive type	simple action
Maximum working pressure	25 bar
Nebulization pressure	from 0,5 to 2,5 bar
Weight	370 g



Spray



PNEUMATIC SPRAY VALVE MF1



FULL STAINLESS STEEL
VALVE AVAILABLE
ON REQUEST



MODELS

code	description	€
MF3RB00XX0	Spray valve MF1NR round cap	
<i>Replace XX value with nozzle diameter desired</i> <i>Available nozzle diameters from 0,3 - 0,5 - 0,8 - 1,0 - 1,5 mm</i>		



code	description	€
MF3FB00XX0	Spray valve MF1NR flat cap	
<i>Replace XX value with nozzle diameter desired</i> <i>Available nozzle diameters from 0,3 - 0,5 - 0,8 - 1,0 - 1,5 mm</i>		



code	description	€
MF3RC00XX0	Spray valve MF1RM round cap	
<i>Replace XX value with nozzle diameter desired</i> <i>Available nozzle diameters from 0,3 - 0,5 - 0,8 - 1,0 - 1,5 mm</i>		



code	description	€
MF3FC00XX0	Spray valve MF1RM flat cap	
<i>Replace XX value with nozzle diameter desired</i> <i>Available nozzle diameters from 0,3 - 0,5 - 0,8 - 1,0 - 1,5 mm</i>		



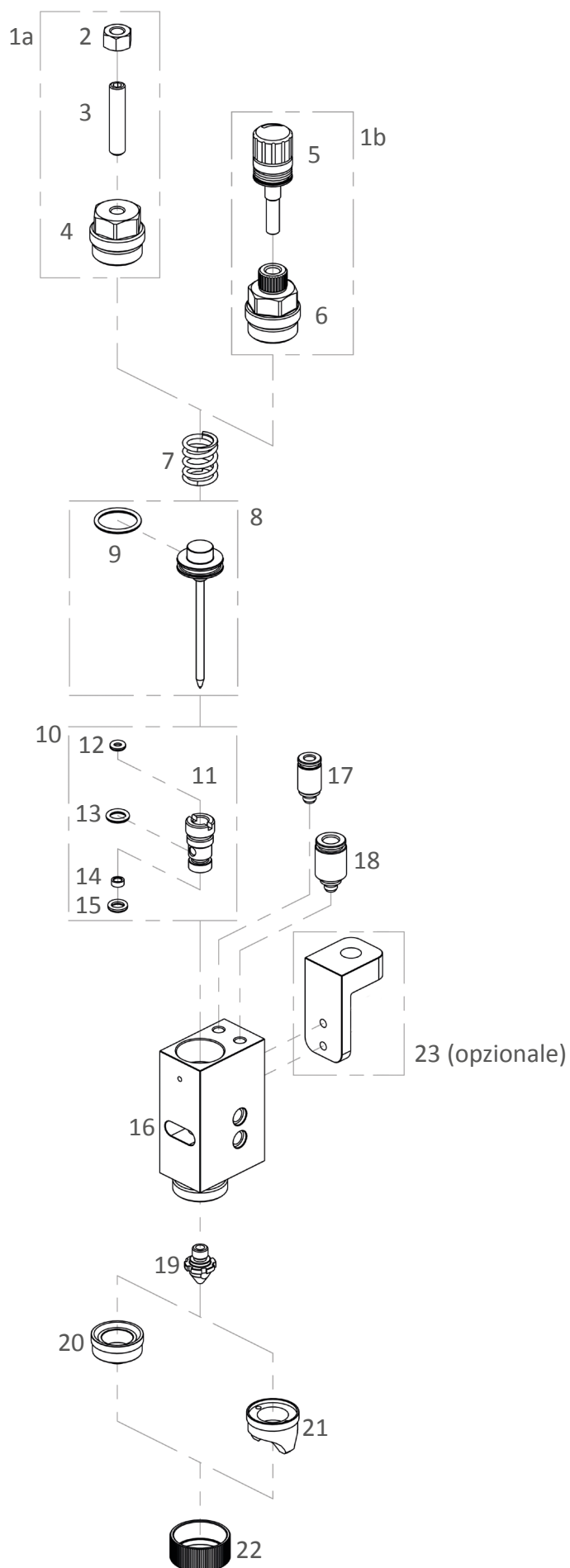


PARTS LIST

pos.	code	q.ty	description
1a	SDC003000	1	Screw adjustment complete
1b	MDC003000	1	Micrometric adjustment complete
2	NT0006010	1	Nut
3	GR00060301	1	Screw
4	DBL003000	1	Screw adjustment block
5	DHN003000	1	Micrometric adjustment block
6	DBL003001	1	Micrometric adjustment knob
7	CCS000450	1	Spring
8	NDL3000XX	1	Needle
9	RNG000015E	1	O-ring ¹
10	H83100204	1	Lock bush complete
11	H83100104	1	Lock bush
12	RNG000006E	1	O-ring ¹
13	RNG000010E	1	O-ring ¹
14	SHS30790T	1	Gasket ¹
15	RNG000008E	1	O-ring ¹
16	BG003001	1	Valve body
17	RRAZ0250	1	Fitting
18	RRAZ0252	1	Fitting
19	H857311XX	1	Nozzle
<i>Replace XX value with nozzle diameter desired Available nozzle diameters from 0,3 - 0,5 - 0,8 - 1,0 - 1,5 mm</i>			
20	H85792110	1	Air cap round 0,3 - 1,0 mm
	H85792115	1	Air cap round 1,5 mm
21	H85792210	1	Air cap flat 0,3 - 1,0 mm
	H85792215	1	Air cap flat 1,5 mm
22	H85792001	1	Air cap nut
23	BRC003001	1	Bracket kit (optional)
	KGN003000	1	Gasket kit ¹



PNEUMATIC SPRAY VALVE MF1

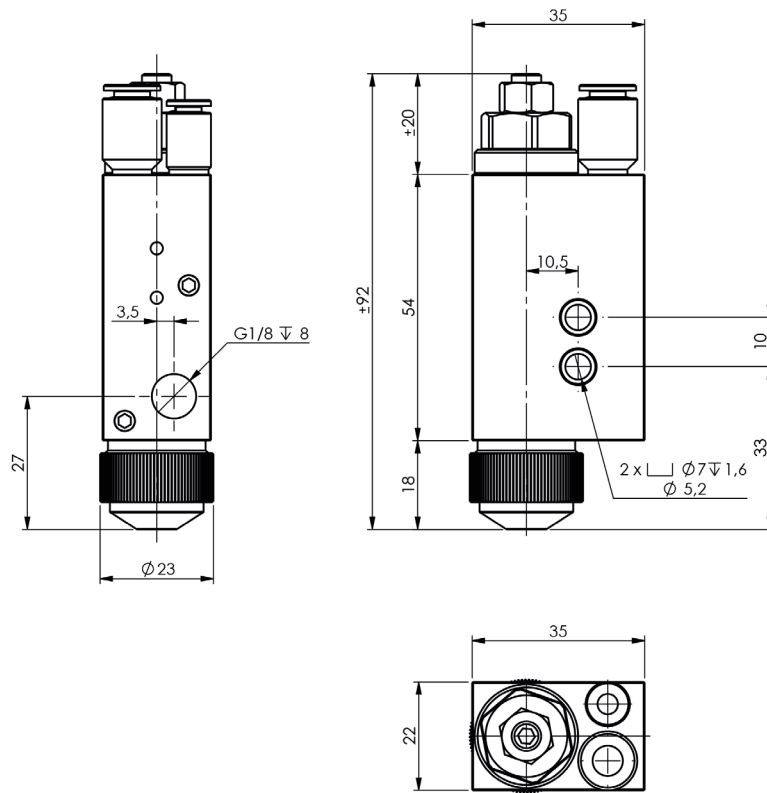


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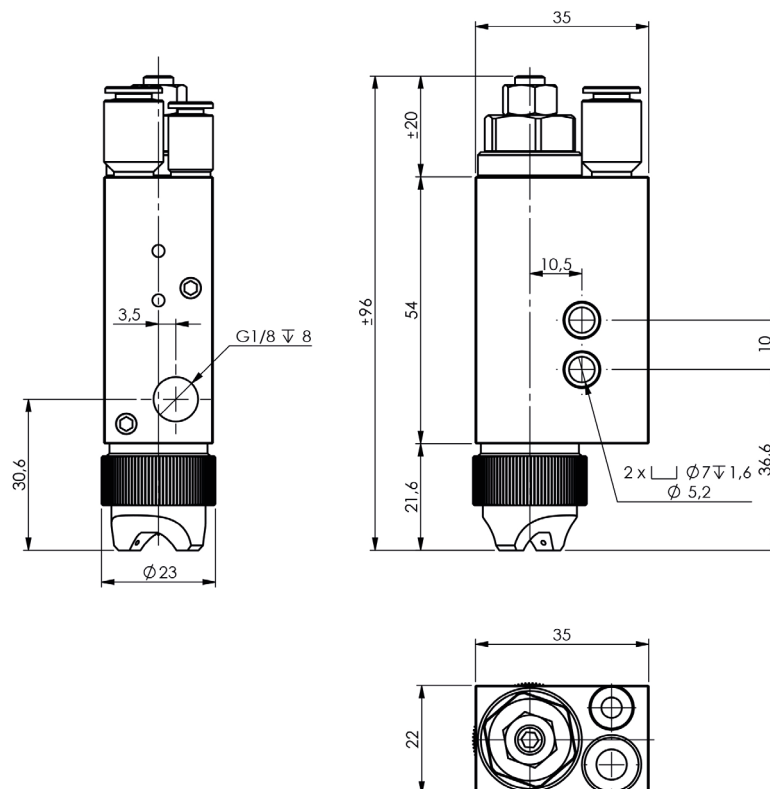


DIMENSIONS

MF3RB00XX0

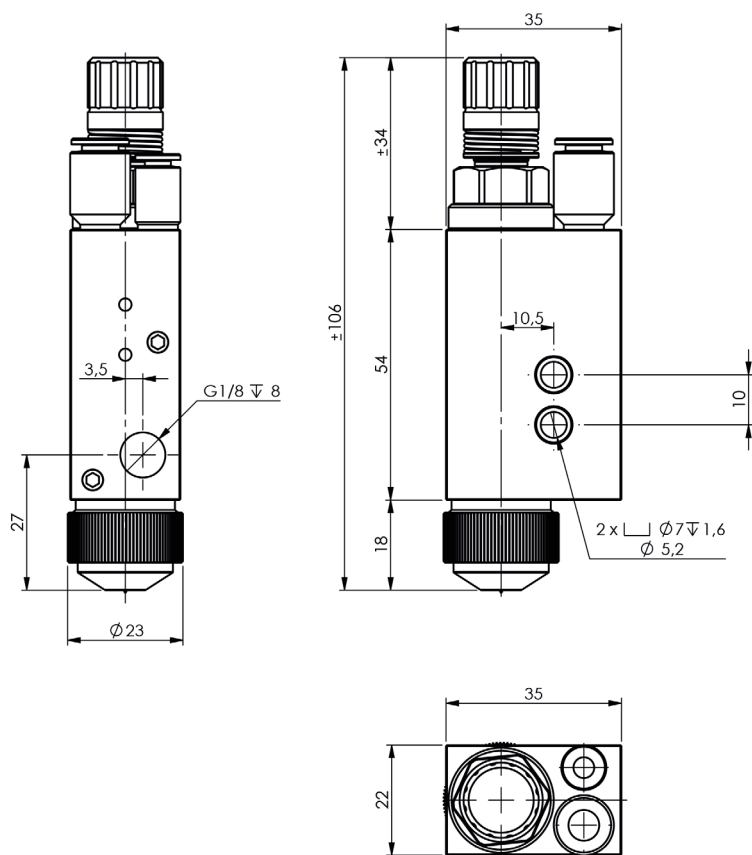


MF3FB00XX0

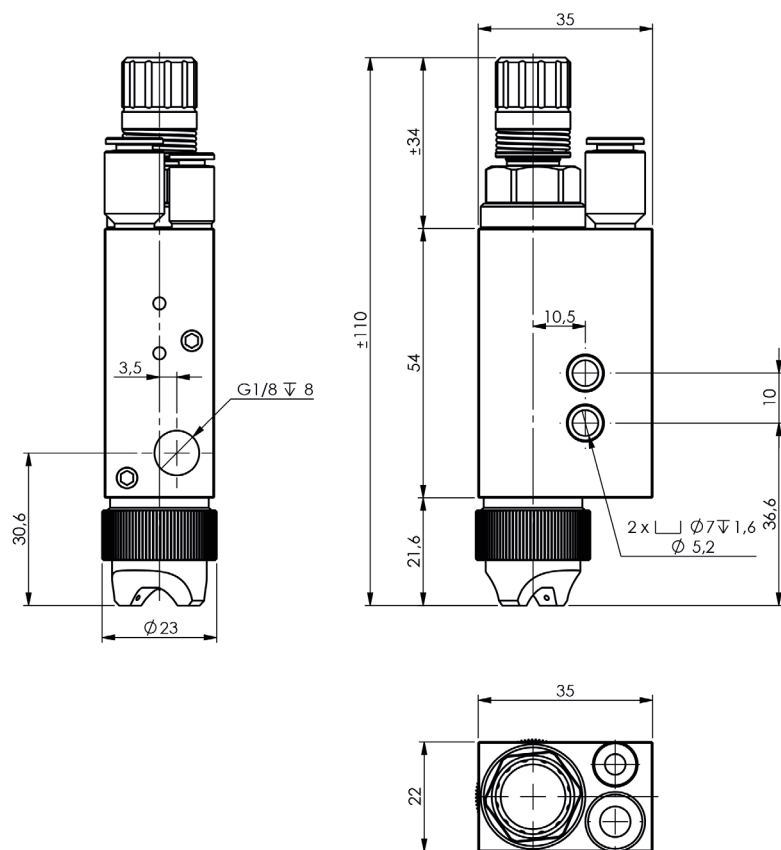




MF3RC00XX0



MF3FC00XX0



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The data and values expressed in the manual are approximate and variable depending on fluids, applications and methods of use.

Datasheet
MF1_v02

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