

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

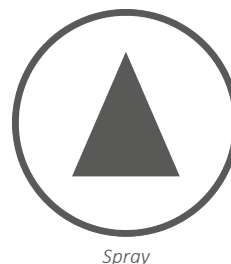
FLUID TYPES

- | 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





PNEUMATIC SPRAY VALVE MF1

Round cap

Flat cap



Air caps with
anti-stick coating



Zero cavity nozzle
with anti-stick coating



Self-cleaning needle

Adjustment

Screw

Micrometric



MODELS

code

description

MF3RB00XX0 Spray valve MF1NR
round cap

*Replace XX value with nozzle diameter desired
Available nozzle diameters from 0,3 - 0,5 - 0,8 - 1,0 - 1,5 mm*

code

description

MF3FB00XX0 Spray valve MF1NR
flat cap

*Replace XX value with nozzle diameter desired
Available nozzle diameters from 0,3 - 0,5 - 0,8 - 1,0 - 1,5 mm*

code

description

MF3RC00XX0 Spray valve MF1RM
round cap

*Replace XX value with nozzle diameter desired
Available nozzle diameters from 0,3 - 0,5 - 0,8 - 1,0 - 1,5 mm*

code

description

MF3FC00XX0 Spray valve MF1RM
flat cap

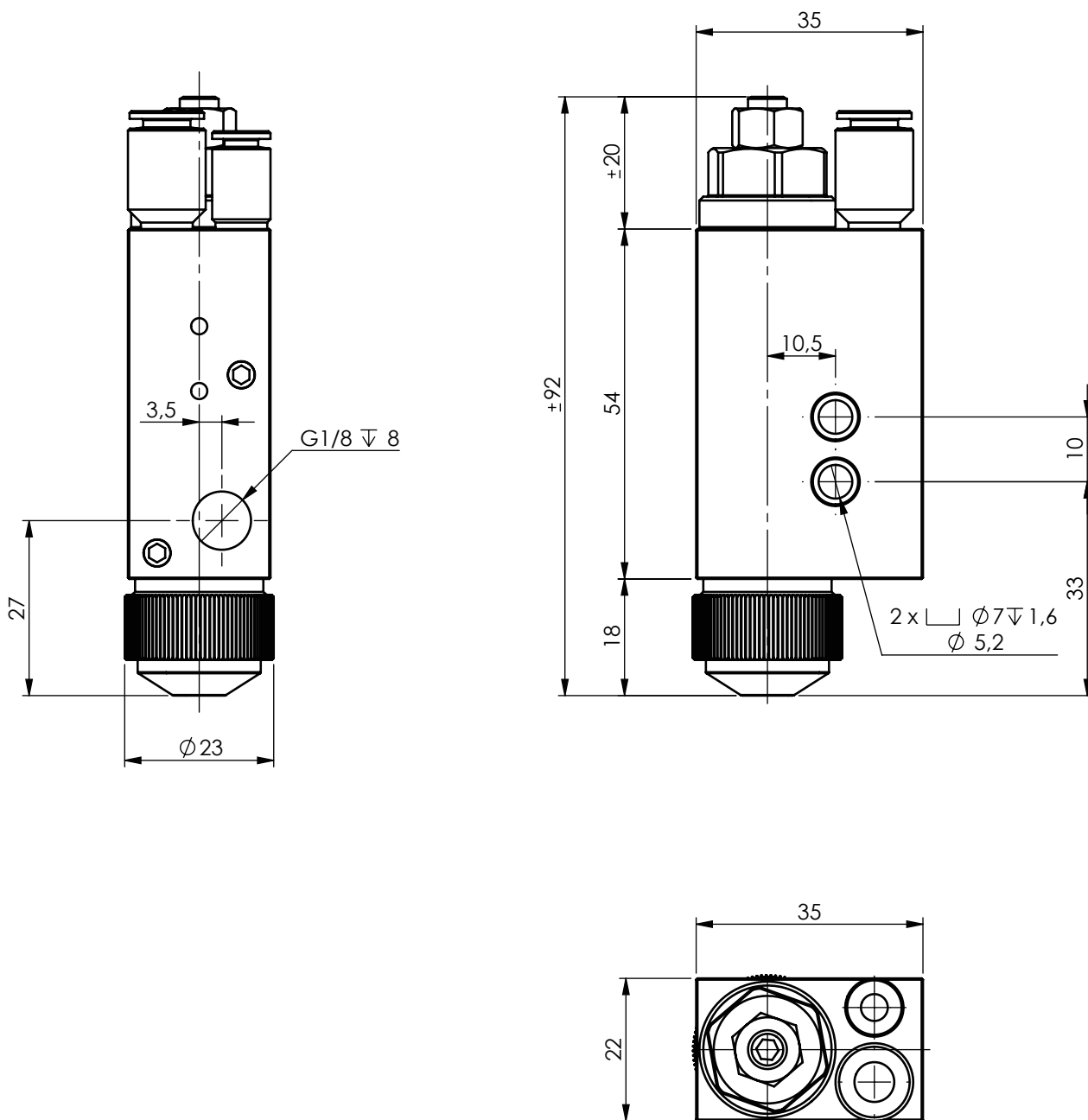
*Replace XX value with nozzle diameter desired
Available nozzle diameters from 0,3 - 0,5 - 0,8 - 1,0 - 1,5 mm*





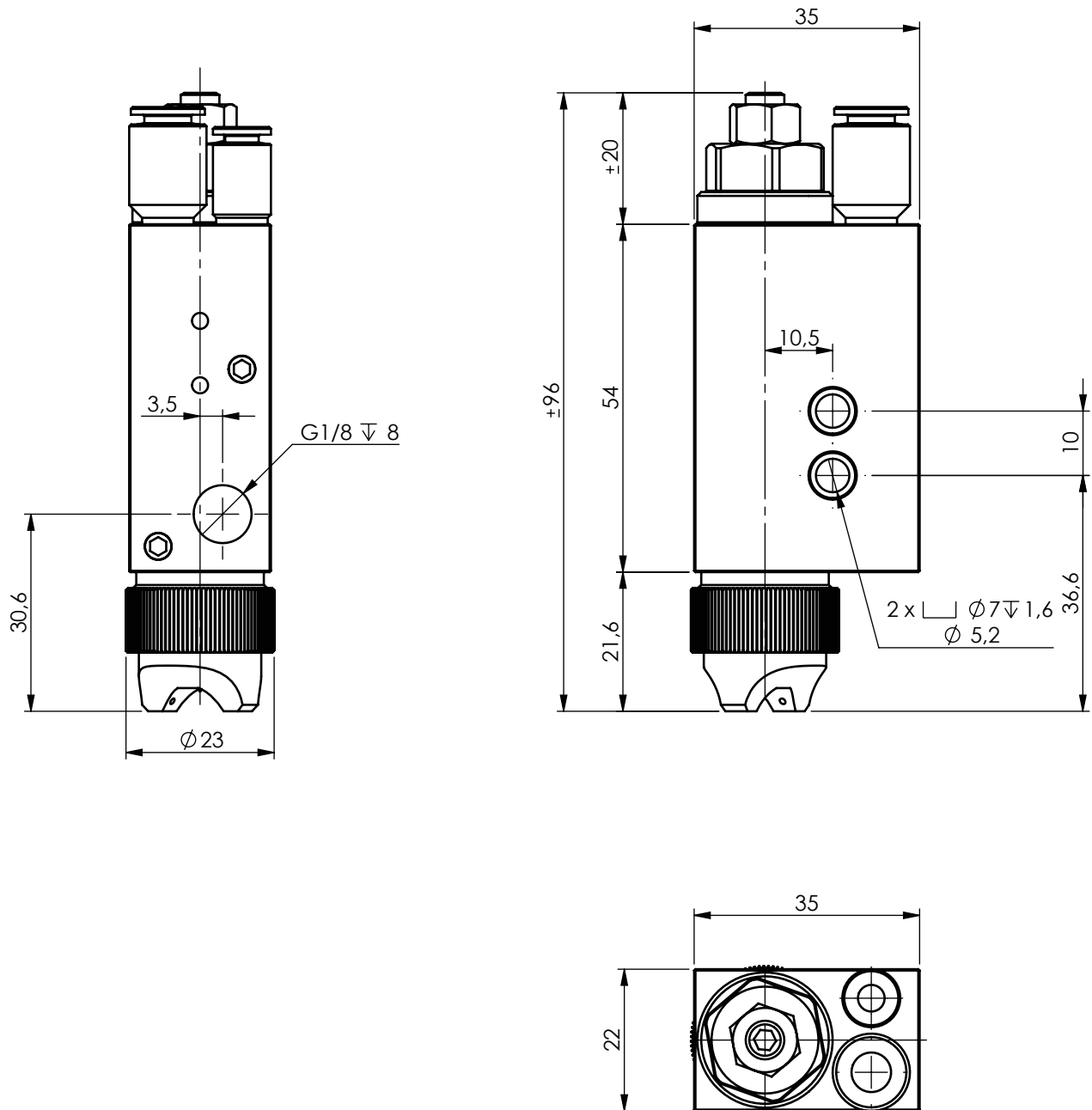
DIMENSIONS

MF3RB00XX0



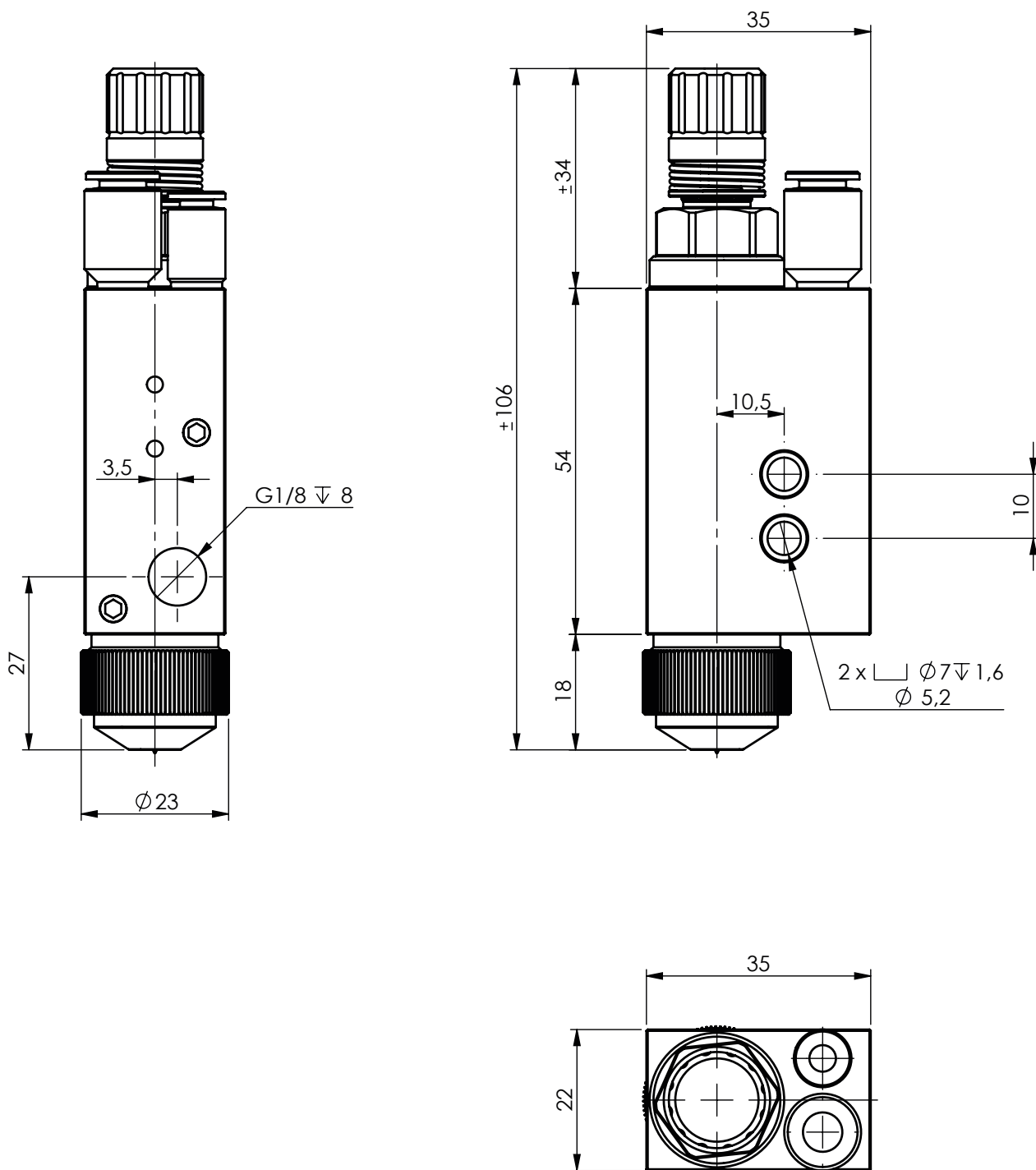


MF3FB00XX0



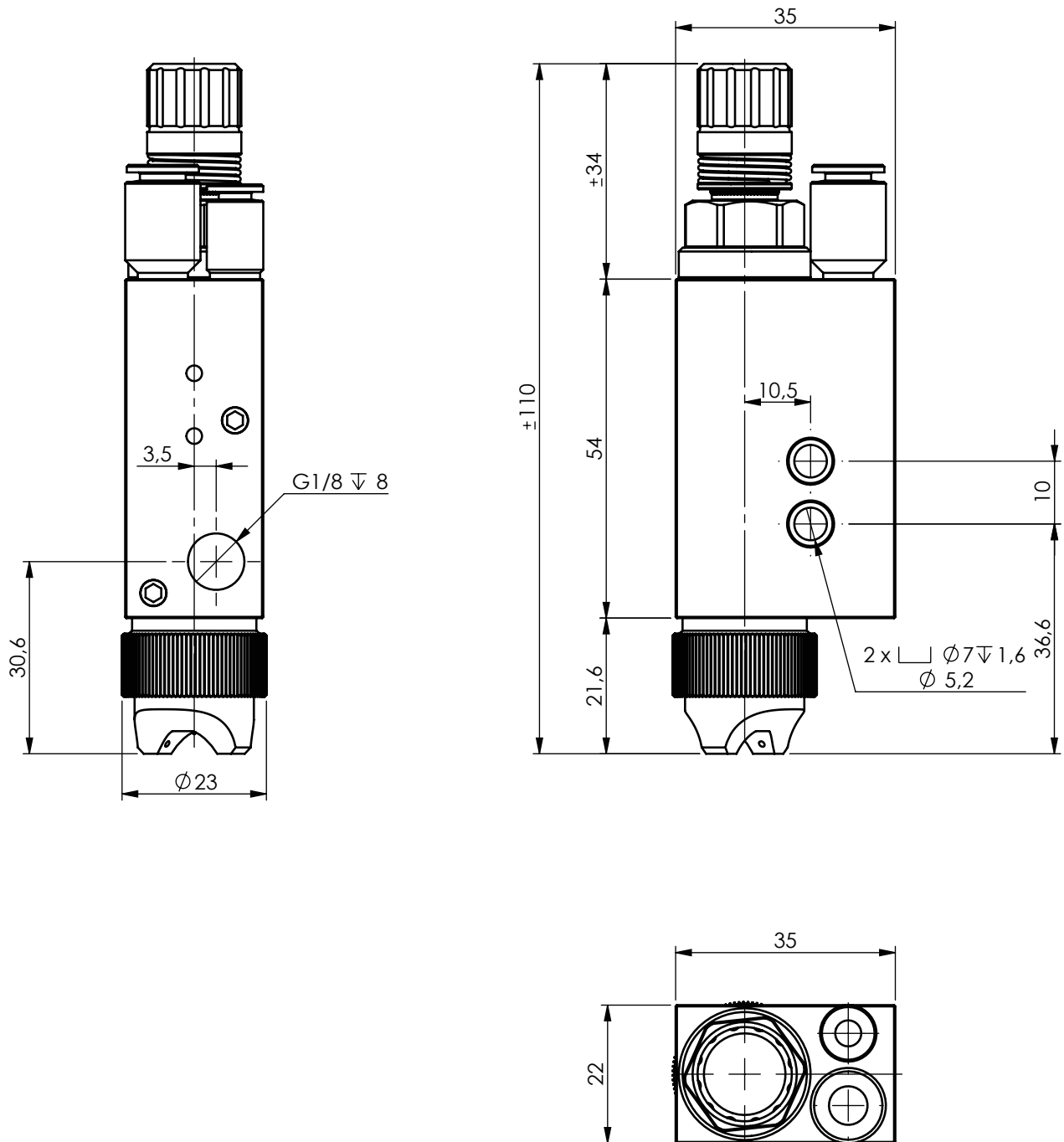


MF3RC00XX0



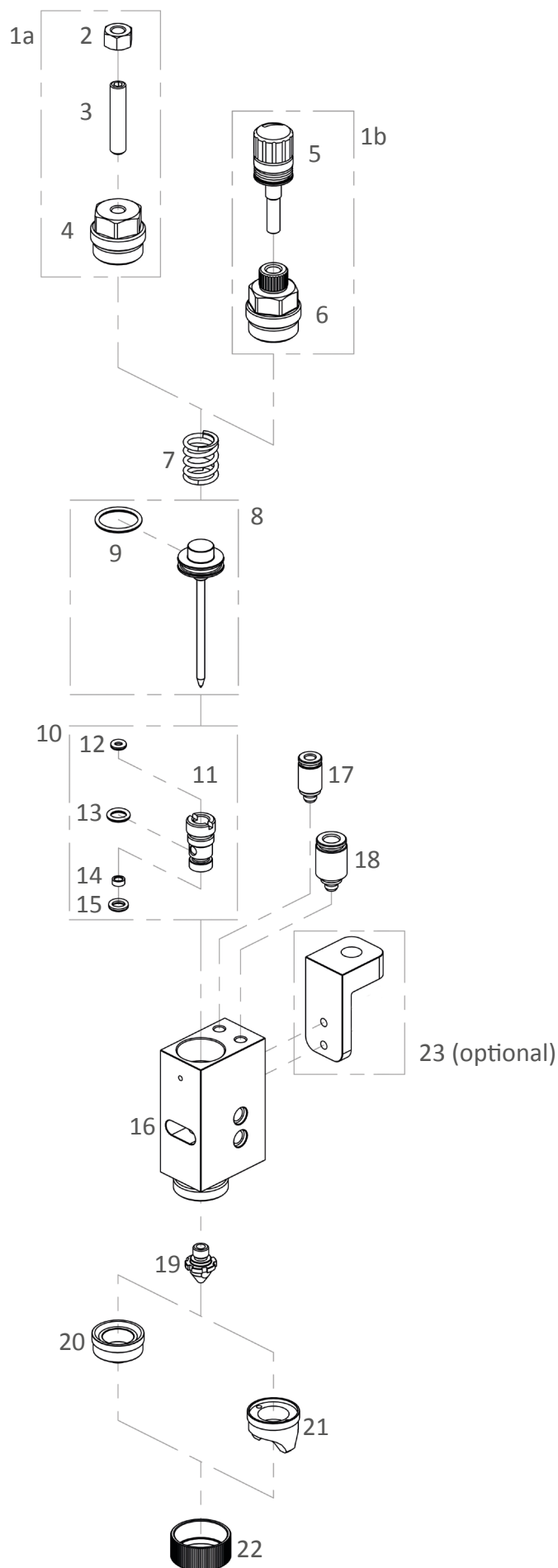


MF3FC00XX0





PARTS LIST



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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	MCR000029	1	Screw adjustment block
5	DBL003001	1	Micrometric adjustment block
6	DHN003000	1	Micrometric adjustment knob
7	CCS000450	1	Spring
8	NDL3000XX	1	Needle
9	RNG000015E	1	O-ring
10	H83100204	1	Lock bush complete
11	H83100104	1	Lock bush
12	RNG000006E	1	O-ring
13	RNG000010E	1	O-ring
14	SHS30790T	1	Gasket
15	RNG000008E	1	O-ring
16	BG003001	1	Valve body
17	RRAZ0250	1	Fitting
18	RRAZ0252	1	Fitting
19	H857311XX	1	Nozzle
Replace XX value with nozzle diameter desired Available nozzle diameters from 0,3 - 0,5 - 0,8 - 1,0 - 1,5 mm			
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

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Datasheet
MF1_v01

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