

MZS

elettropneumatic spray valve



Zator
gluing solutions

DATASHEET





TECHNICAL DESCRIPTION

The electropneumatic spray valve MZS 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 a solenoid control valve and an external solenoid valves for the nebulization of the fluid.

It's strength and compact size. It has the particularity to have nozzle and cap with anti-stick coating and a self-cleaning needle which ensure the long operation time of the valve. The micrometric adjustment allows a fine control of the glue quantity dispensed.

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

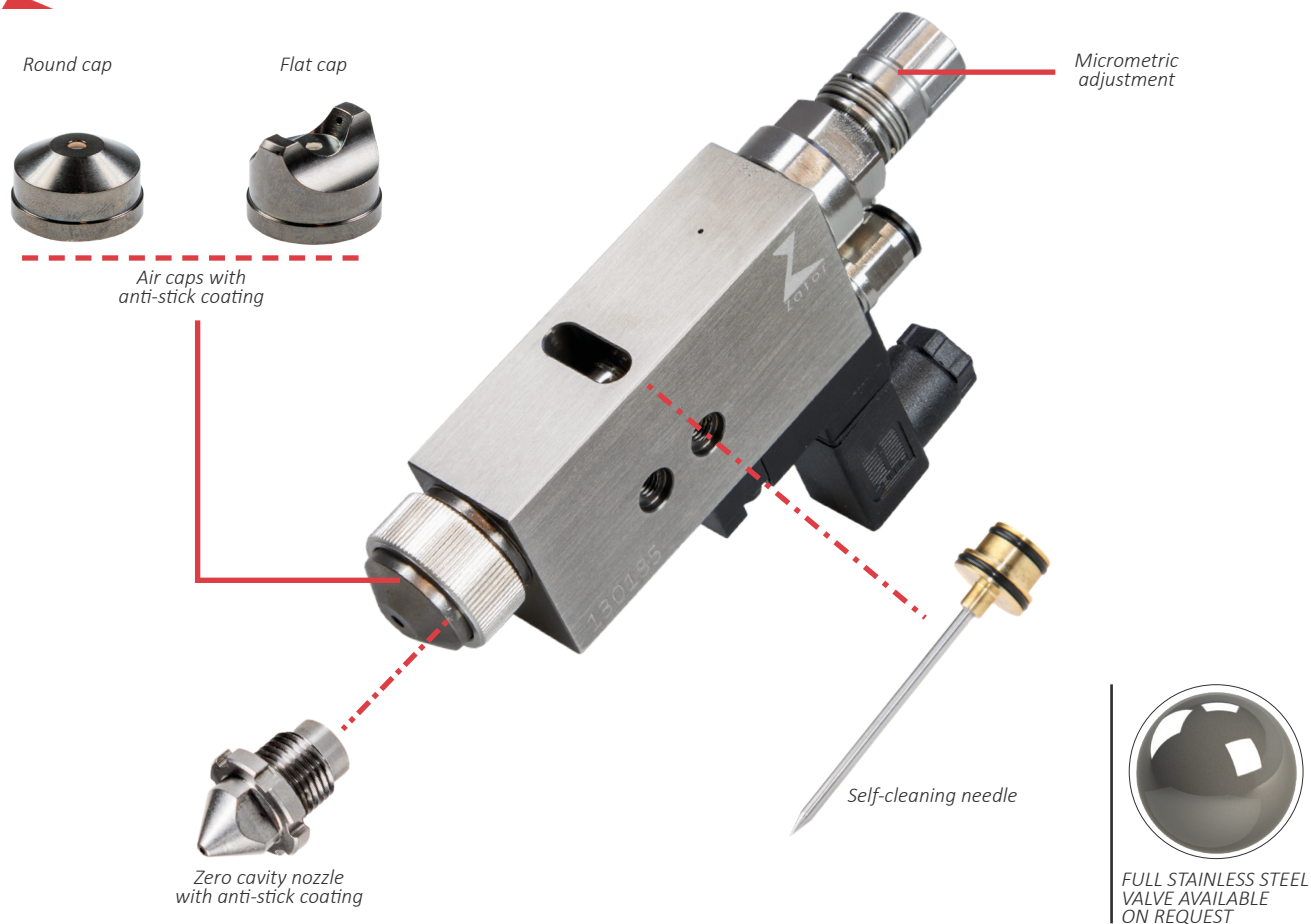
Available nozzle diameters	from 0,3 to 1,5 mm
Air pressure control	min. 5 bar
Drive type	double action
Maximum working pressure	25 bar
Coil	24 Volt
Nebulization pressure	from 0,5 to 2,5 bar
Weight	510 g



Spray



ELETTROPNEUMATIC SPRAY VALVE MZS



MODELS

code	description	€
C3451XX00	Spray valve MZS1XXSRRM round cap 24 V	
<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	€
C3454XX00	Spray valve MZS1XXSFRM flat cap 24 V	
<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>		



available optionals

code	description	€
PDG00100	Nebulization air control unit	

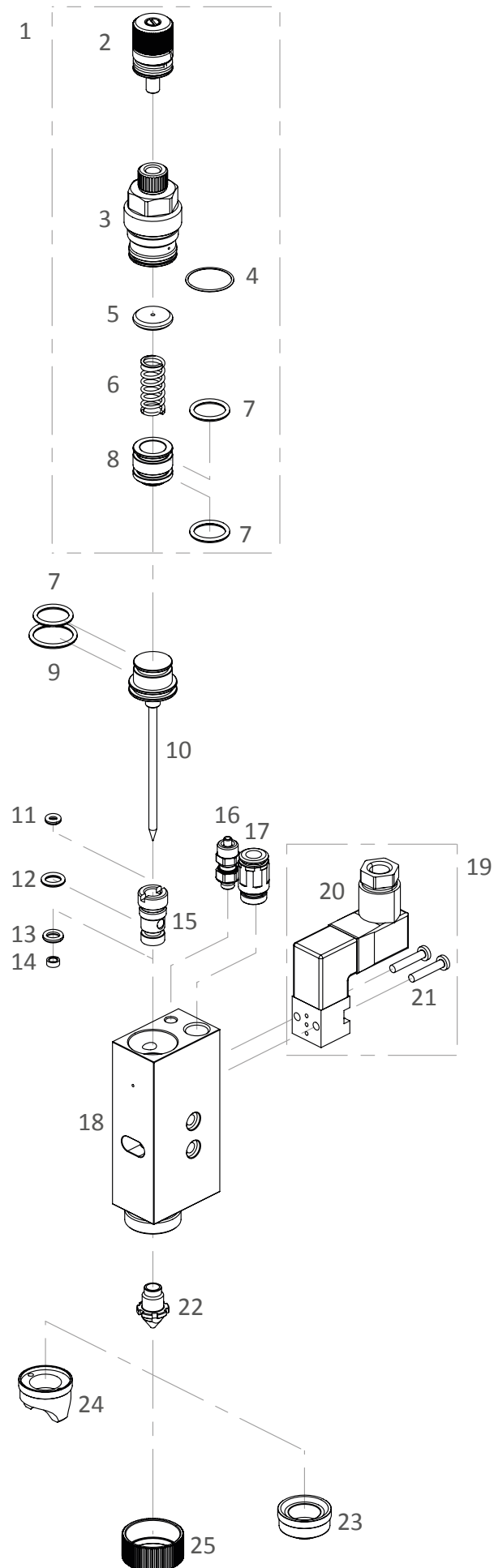


PARTS LIST

pos.	code	q.ty	description
1	C34000001	1	Micrometric adjustment complete
2	C34000004	1	Micrometric adjustment knob
3	C34000002	1	Micrometric adjustment block
4	RNG150X10E	1	O-ring ¹
5	H83100108	1	Adjustment circlip
6	CCS000400	1	Spring
7	RNG000013E	3	O-ring ¹
8	H83100109	1	Adjustment piston
9	RNG000015E	1	O-ring ¹
10	H841303XX	1	Needle
11	RNG000006E	1	O-ring ¹
12	RNG000010E	1	O-ring ¹
13	RNG000008E	1	O-ring ¹
14	SHS30790T	1	Gasket ¹
15	H83100104	1	Lock bush
16	RRAB0252	1	Operating air fitting
17	RRBZ1052	1	Atomizing air fitting
18	C34400000	1	Valve body
19	ELT000321	1	Solenoid valve 24VDC
20	CNN200F01	1	Solenoid valve connector
21	SC11030161	2	Solenoid valve screw
22	H857221XX	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>			
23	H85792110	1	Air cap round 0,3 - 1,0 mm
	H85792115	1	Air cap round 1,5 mm
24	H85792210	1	Air cap flat 0,3 - 1,0 mm
	H85792215	1	Air cap flat 1,5 mm
25	H85792001	1	Air cap nut
	KGN000300	1	Gasket kit ¹



ELETTROPNEUMATIC SPRAY VALVE MZS

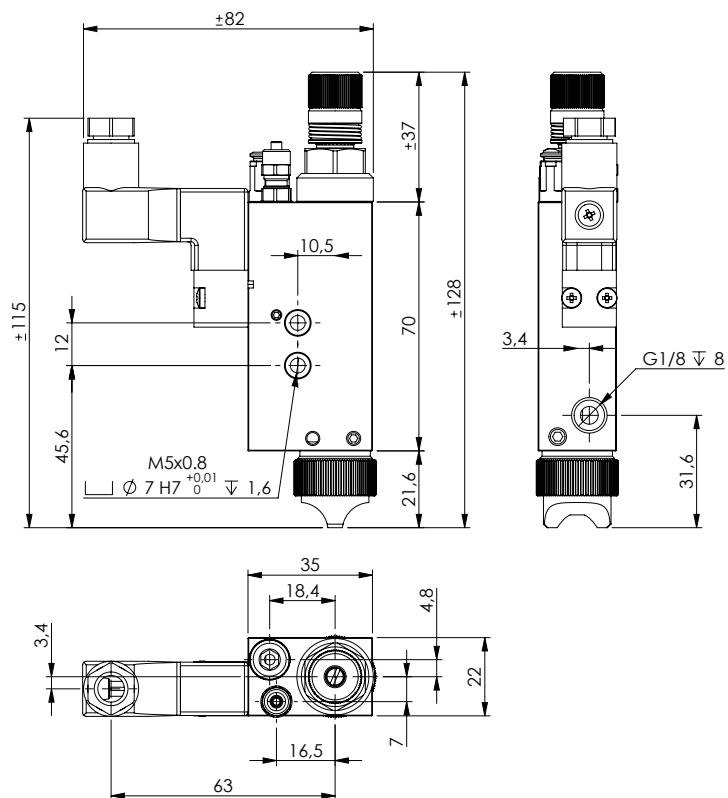


The images in this document are considered for illustration only. The company reserves the right for any changes without notice.
Names, trademarks and logos are property of the author. All dimension are in millimetres.

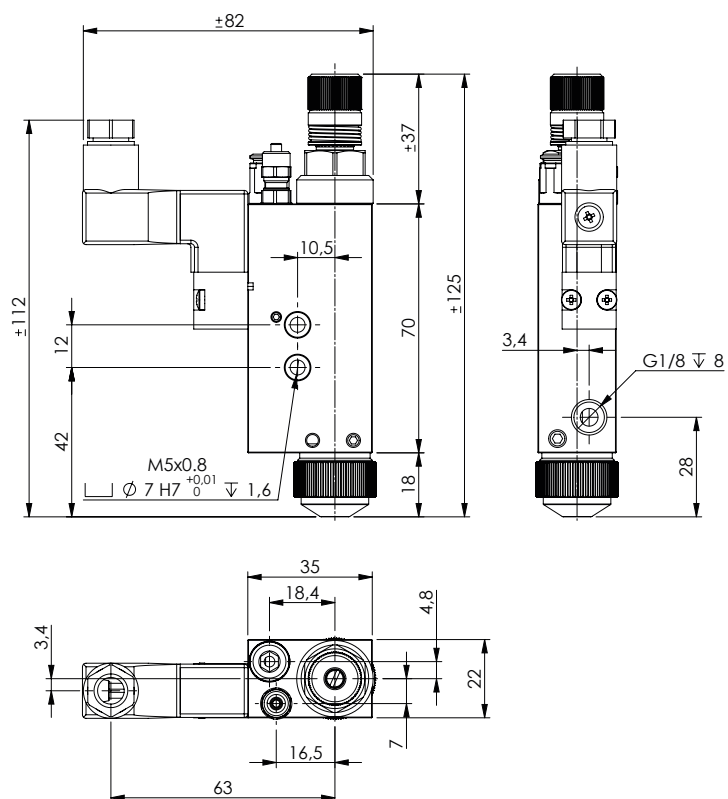


DIMENSIONS

MZS1XXSRRM



MZS1XXSFRM



ZATOR SRL

Via Galvani, 11
20095 Cusano Milanino (MI)
Italy

Tel. +39 02 66403235
Fax +39 02 66403215

info@zator.it
www.zator.it



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

Datasheet
MZS_v04

MAY 2023

