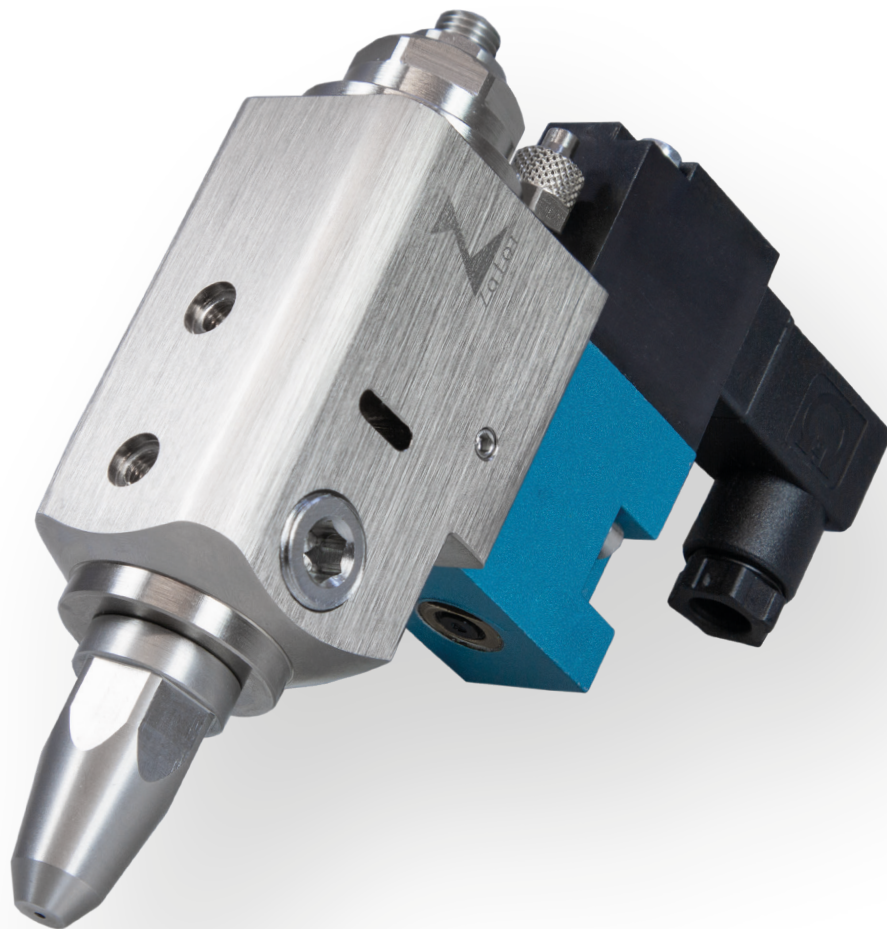


MZB300

electropneumatic valve



Zator
gluing solutions

DATASHEET





TECHNICAL DESCRIPTION

The electropneumatic extrusion valve MZB300 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 extrusion valves.

It's a dispenser of medium and high viscosity glues, adhesives and fluids where high dispensing quantities are required. The valve is pneumatically controlled by one solenoid valve fitted on the valve body. The valve, with nickel coating, wear resistant anti-stick coated needle and a wide selection of stainless steel nozzles, designed to meet the different needs of applications.

APPLICATION FIELDS

	packaging
	paper converting
	case maker
	wood industry
	assembly
	food industry

FLUID TYPES

	adhesives and glues
	inks
	paints
	lubricants
	low, medium and high viscosity fluids

TECHNICAL DATA

technical data

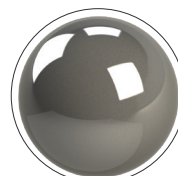
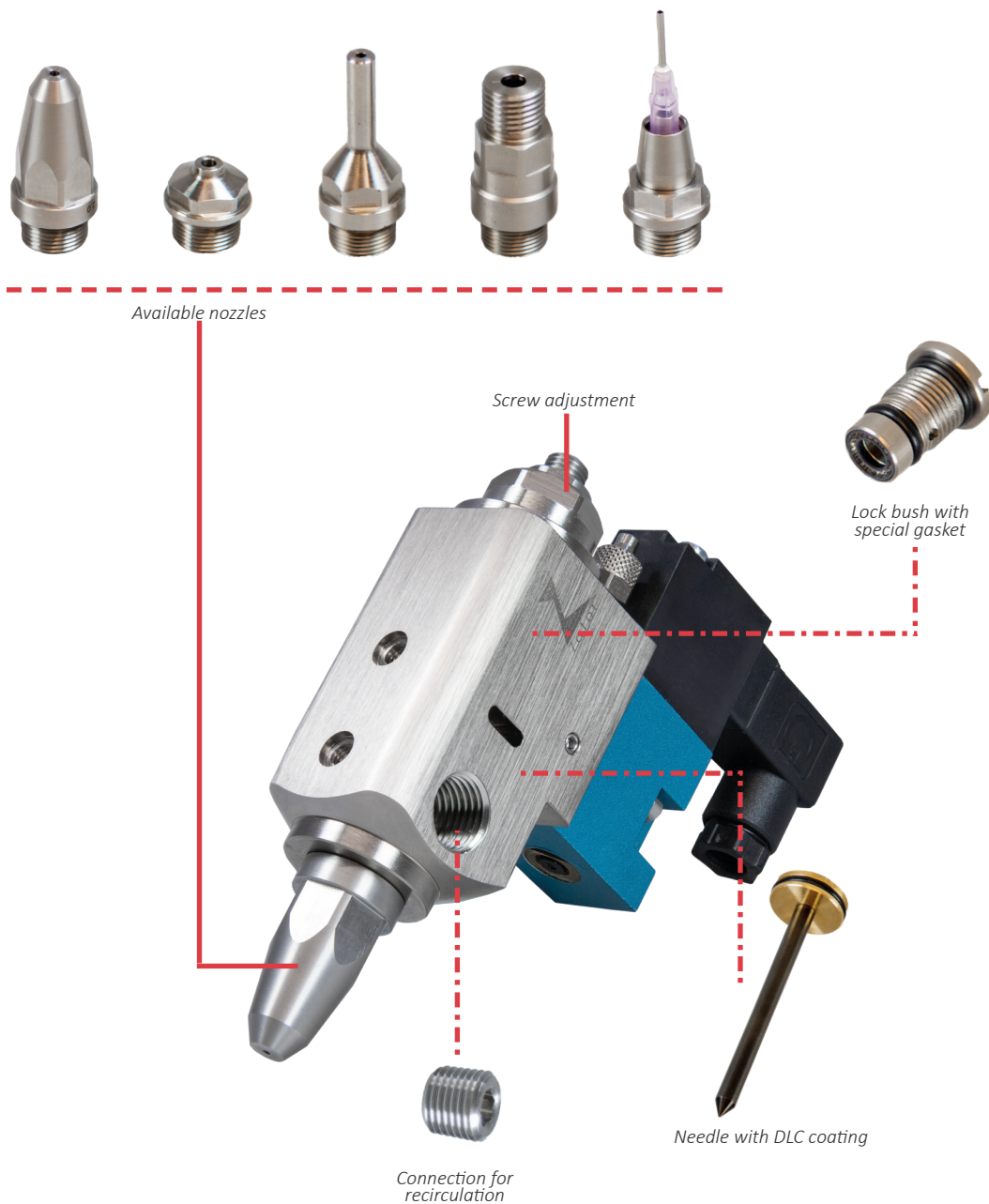
Available nozzle diameters	from 2,0 to 5,0 mm
Air pressure control	min. 5 bar
Drive type	double action
Maximum working pressure	150 bar
Coil	24 Volt
Weight	700 g



Dots and lines



ELECTROPNEUMATIC VALVE MZB300



FULL STAINLESS STEEL
VALVE AVAILABLE
ON REQUEST



MODELS

code	description
ZB01B05XX0	Extrusion valve MZB3XXLV 24 Volt

*Replace XX value with nozzle diameter desired
Available nozzle diameters from 2,0 to 5,0 mm*

code	description
ZB02B05XX0	Extrusion valve MZB3XXKV 24 Volt

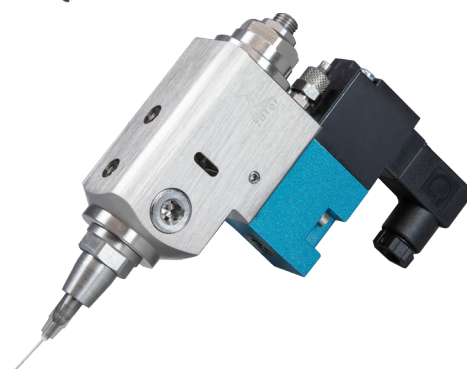
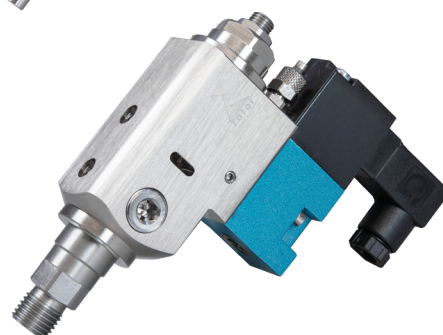
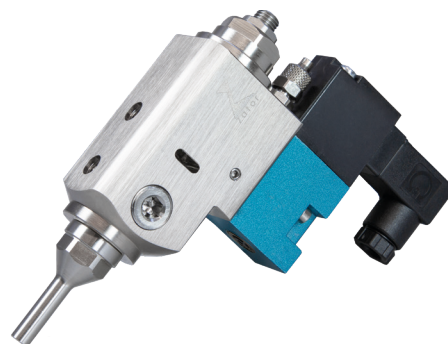
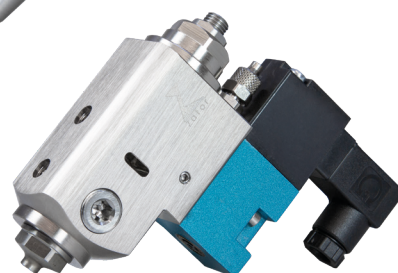
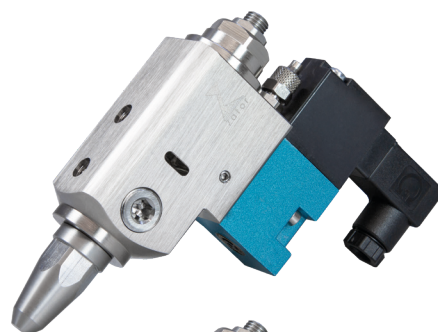
*Replace XX value with nozzle diameter desired
Available nozzle diameters from 2,0 to 5,0 mm*

code	description
ZB05B05XX0	Extrusion valve MZB3XXKL 10 mm 24 Volt
ZB26B05XX0	Extrusion valve MZB3XXKL 15 mm 24 Volt
ZB27B05XX0	Extrusion valve MZB3XXKL 20 mm 24 Volt

*Replace XX value with nozzle diameter desired
Available nozzle diameters from 2,0 to 5,0 mm*

code	description
ZB08B05000	Extrusion valve MZB30014 1/4" 24 Volt

code	description
ZB09B05000	Extrusion valve MZB300SY 24 Volt



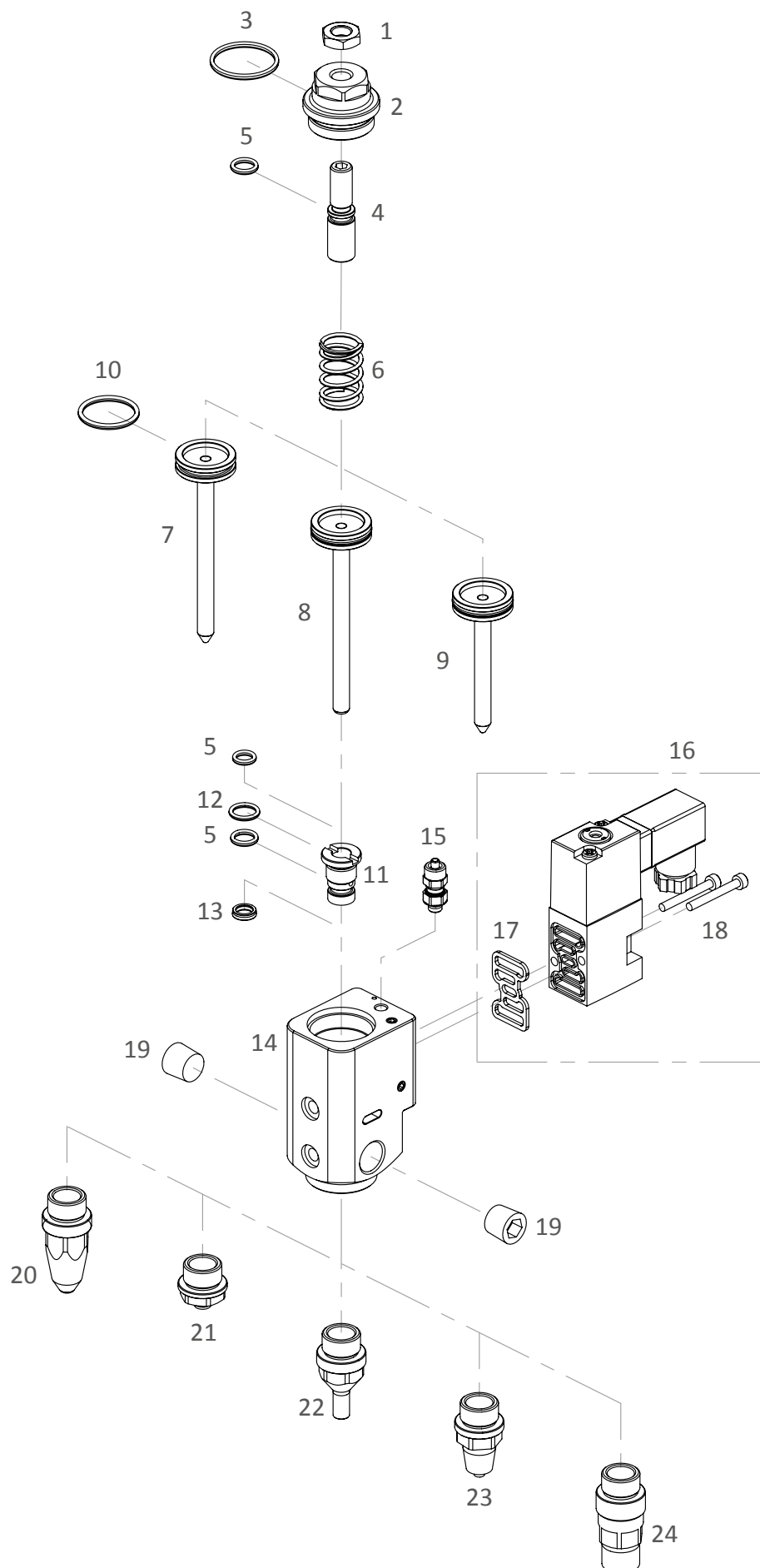


PARTS LIST

pos.	code	q.ty	description
1	NT0108110	1	Nut
2	C32500014	1	Screw adjustment block
3	RNG000020E	1	O-ring ¹
4	C32500013	1	Screw
5	RNG000010E	3	O-ring ¹
6	CCS000500	1	Spring
7	H84230520	1	Needle LV
8	H84230420	1	Needle KV
9	H84230550	1	Needle (for nozzle 1/4)
10	RNG000018E	1	O-ring ¹
11	BSH000019	1	Lock bush
12	RNG000011E	1	O-ring ¹
13	VRS60890T	1	Variseal ¹
14	BG000042C	1	Valve body
15	RRAB0252	1	Fitting
16	ELT000501	1	Coil 24 Volt
17	GSK000500	1	Coil Gasket
18	SC00030251	2	Coil screw
19	RRIX1100	2	Plug
20	H853400XX	1	Nozzle LV
21	H855200XX	1	Nozzle KV
22	H855201XX	1	Nozzle KL 10 mm
	H855202XX	1	Nozzle KL 15 mm
	H855203XX	1	Nozzle KL 20 mm
<i>Replace XX value with nozzle diameter desired Available nozzle diameters from 2,0 to 5,0 mm</i>			
23	H85100130	1	Nozzle Syrin
24	H85100140	1	Nozzle 1/4
	KG0000020	1	Gasket kit ¹



ELECTROPNEUMATIC VALVE MZB300

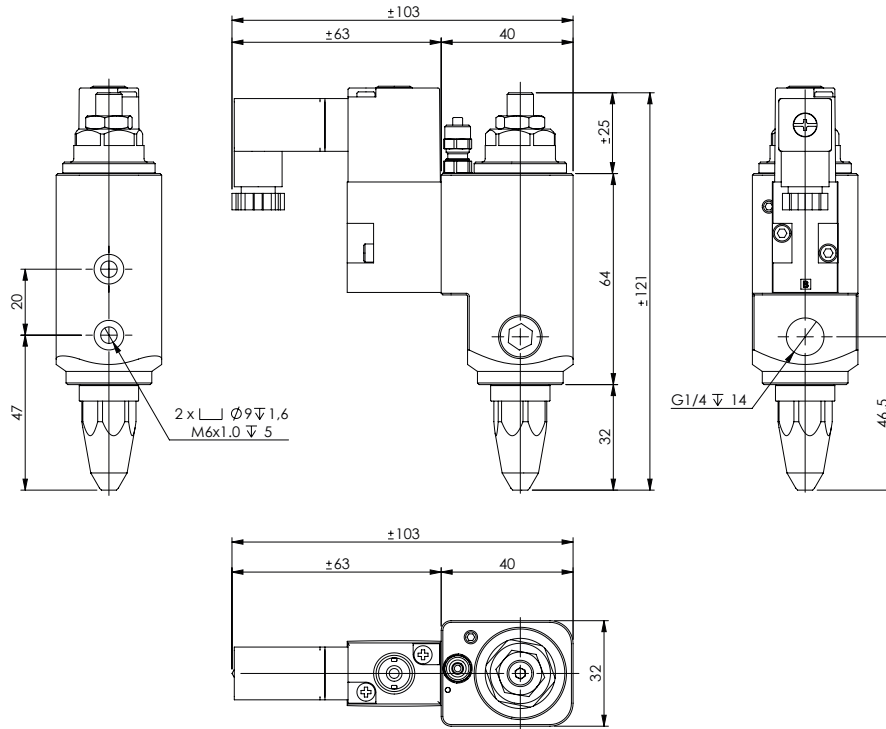


The images in this document are considered for illustration only. The company reserves the right for any changes without notice. Names, trademarks and logos are property of the author. All dimension are in millimetres.

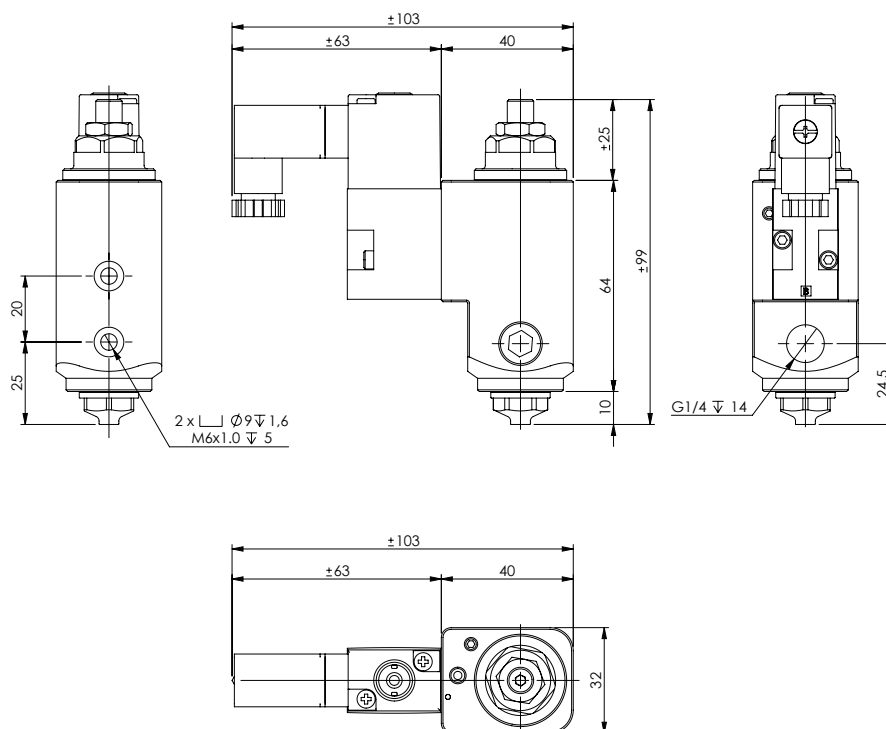


DIMENSIONS

MZB3XXLV

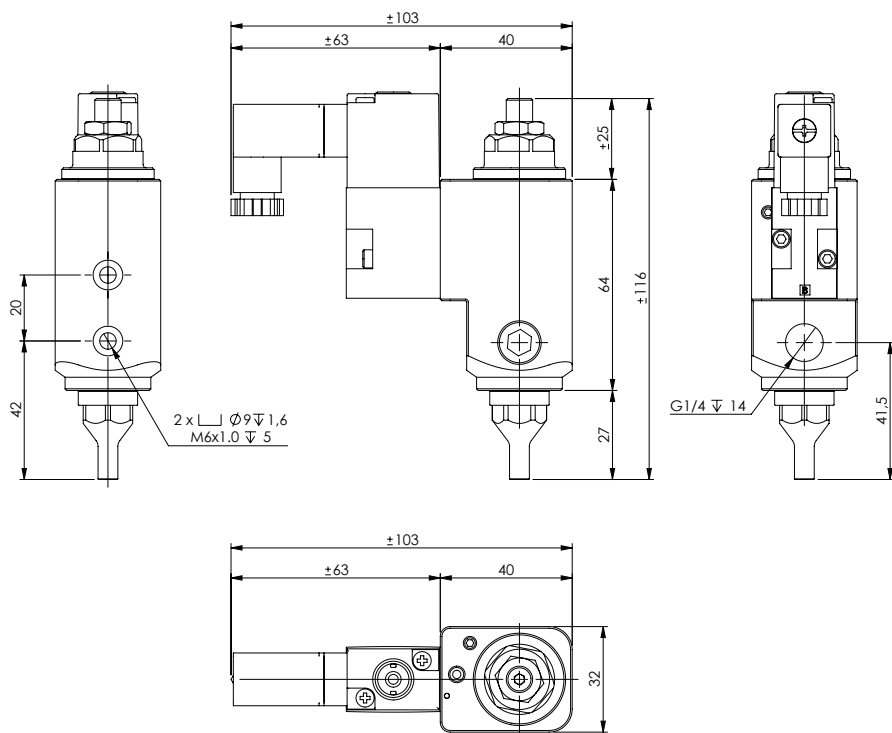


MZB3XXKV

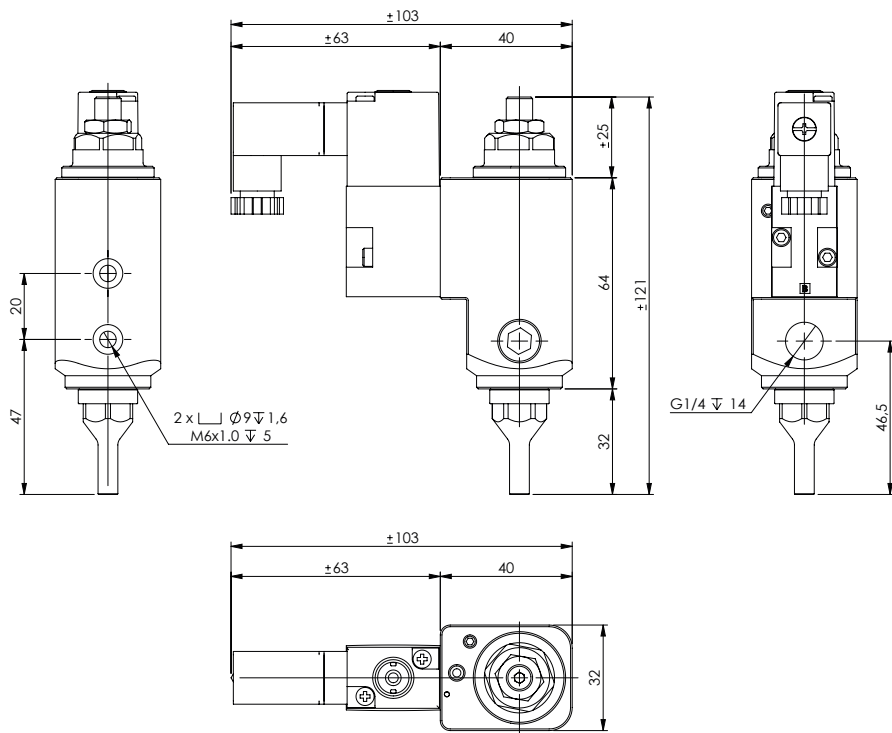




MZB3XXKL 10mm

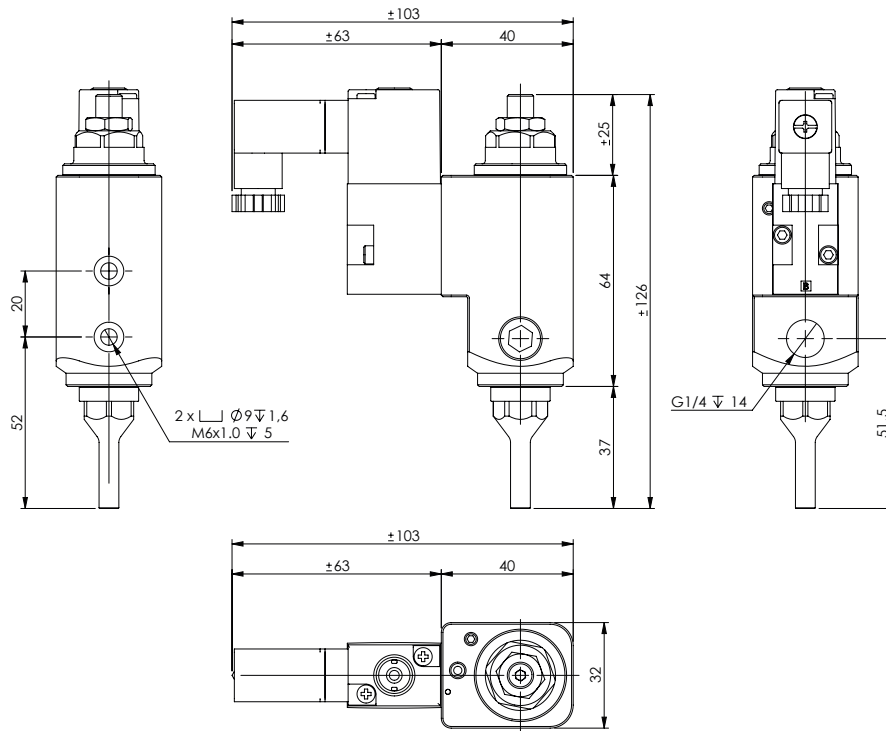


MZB3XXKL 15mm

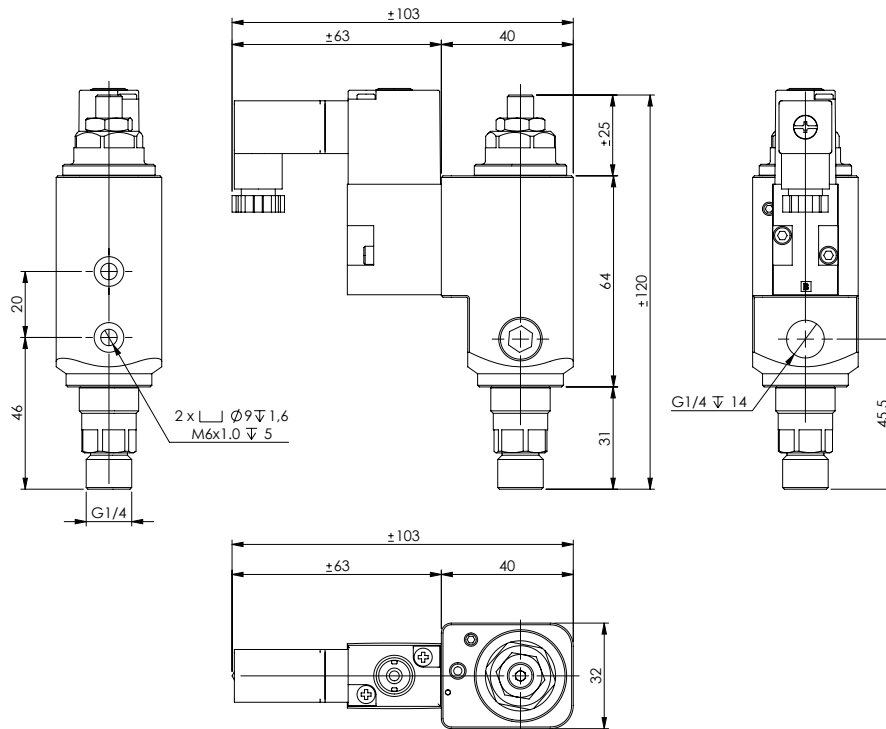




MZB3XXKL 20mm

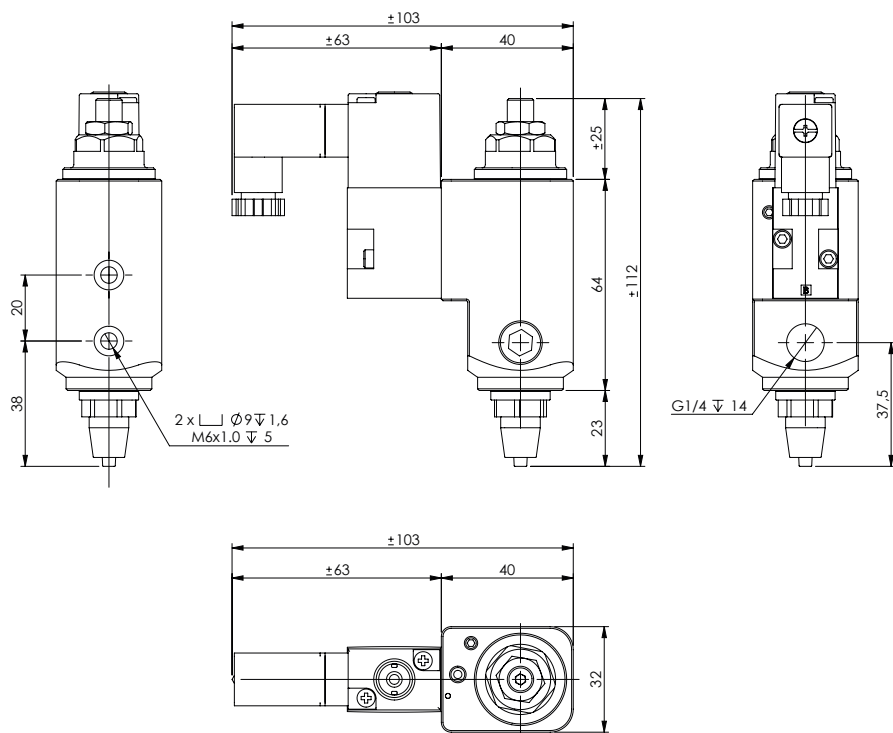


MZB30014





MZB300SY



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
MZB300_v01

MAY 2024

