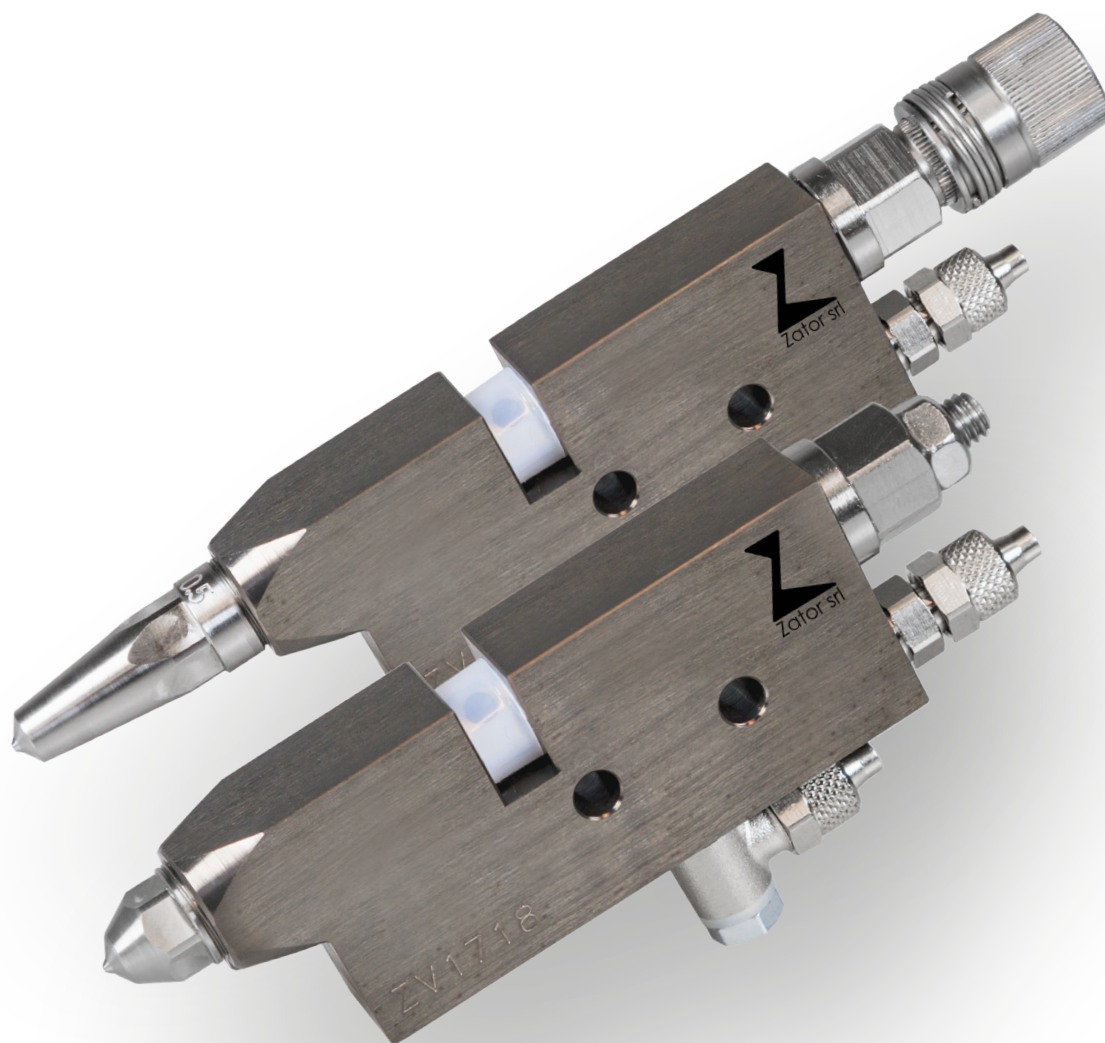


MZV

ELECTROPNEUMATIC EXTRUSION VALVE





TECHNICAL DESCRIPTION

The *electropneumatic extrusion valve MZV* 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 low and medium viscosity glues, adhesives and fluids; is pneumatically controlled by one external solenoid valve.

The valve, with anti-stick coating, has a carbide needle and a wide selection of stainless steel nozzles, designed to meet the different needs of applications.

The micrometric adjustment allows a fine control of the glue quantity dispensed.

Application fields	Fluid types
Packaging	Adhesives and glues
Paper converting	Silicones
Case maker	Greases
Wood industry	Lubricants
Assembly	Low, medium and high viscosity fluids

TECHNICAL DATA

Available nozzle diameters	from 0,3 to 1,5 mm
Valve body	Brass nickel teflon-coated
Maximum working pressure	Max 80 bar
Air pressure control	minimum 5 bar
Drive type	simple or double action
Weight	270 gr



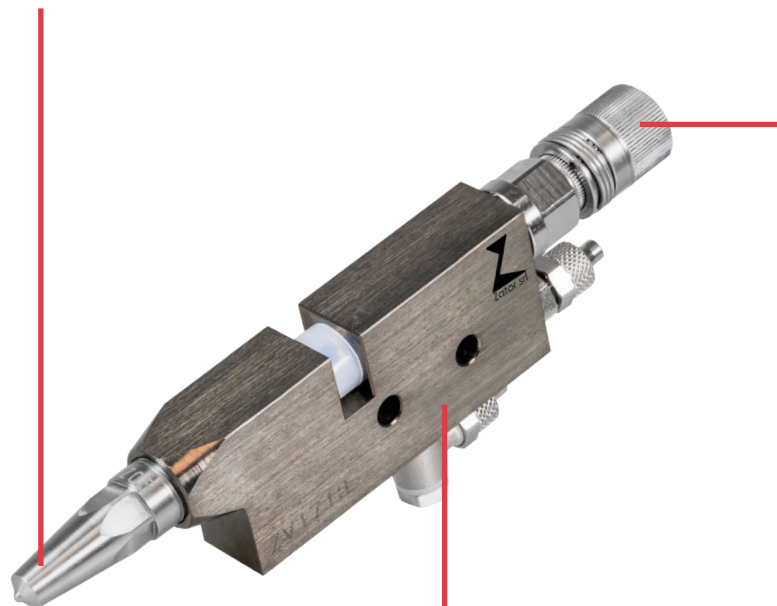
Dots and lines



Available nozzles



Adjustment



Valve body with
anti-stick coating



FULL STAINLESS STEEL
Valve AVAILABLE
ON REQUEST

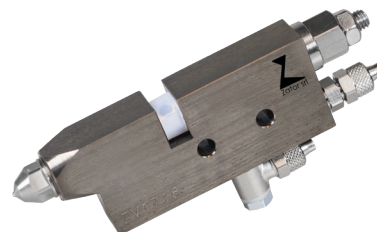


MODELS

Code	Description
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C3311XX00	Extrusion valve MZV4XXKVNR
-----------	----------------------------

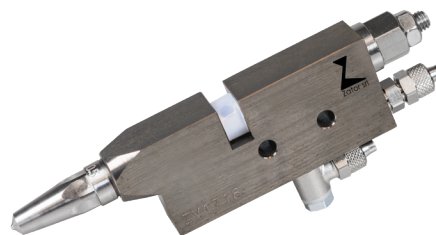
*Replace XX value with nozzle diameter desired
Available nozzle diameters from 0,3 to 1,5 mm*



Code	Description
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C3312XX00	Extrusion valve MZV4XXLVNR
-----------	----------------------------

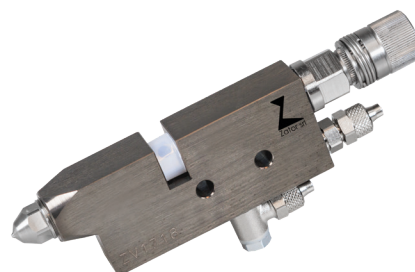
*Replace XX value with nozzle diameter desired
Available nozzle diameters from 0,3 to 1,5 mm*



Code	Description
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C3321XX00	Extrusion valve MZV4XXKVRM
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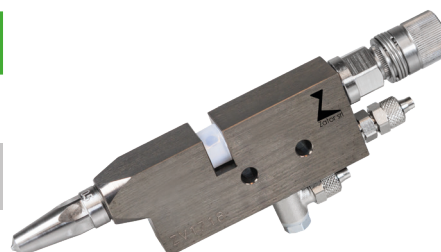
*Replace XX value with nozzle diameter desired
Available nozzle diameters from 0,3 to 1,5 mm*



Code	Description
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C3322XX00	Extrusion valve MZV4XXLVRM
-----------	----------------------------

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



Code	Description
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C3311XX01	Extrusion valve MZV4XXKLNLR 7 mm
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C3311XX02	Extrusion valve MZV4XXKLNLR 10 mm
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*Replace XX value with nozzle diameter desired
Available nozzle diameters from 0,5 to 1,5 mm*

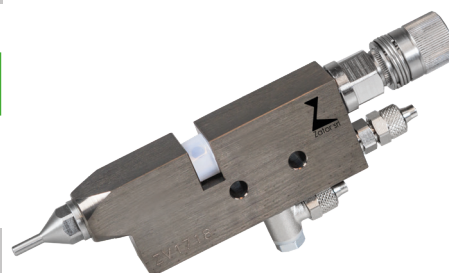


Code	Description
------	-------------

C3321XX01	Extrusion valve MZV4XXKLRLM 7 mm
-----------	----------------------------------

C3321XX02	Extrusion valve MZV4XXKLRLM 10 mm
-----------	-----------------------------------

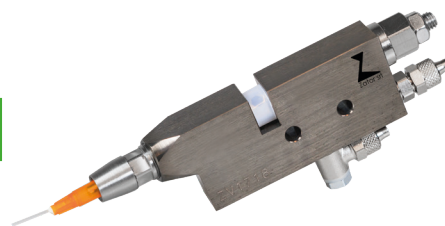
*Replace XX value with nozzle diameter desired
Available nozzle diameters from 0,5 to 1,5 mm*



**Code****Description**

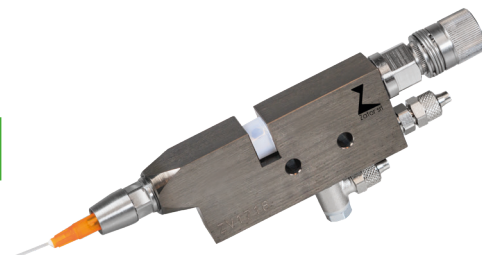
C33110005

Extrusion valve MZV4XXSYNR

**Code****Description**

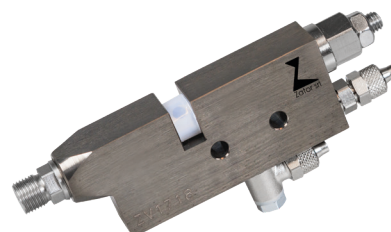
C33210005

Extrusion valve MZV4XXSYRM

**Code****Description**

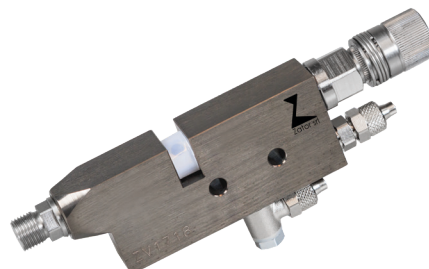
C33110018

Extrusion valve MZV40018NR

**Code****Description**

C33210018

Extrusion valve MZV40018RM

**Code****Description**

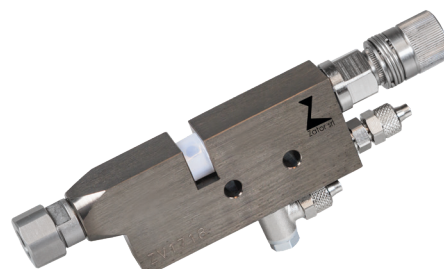
C33110006

Extrusion valve MZV400MGNR

**Code****Description**

C33210006

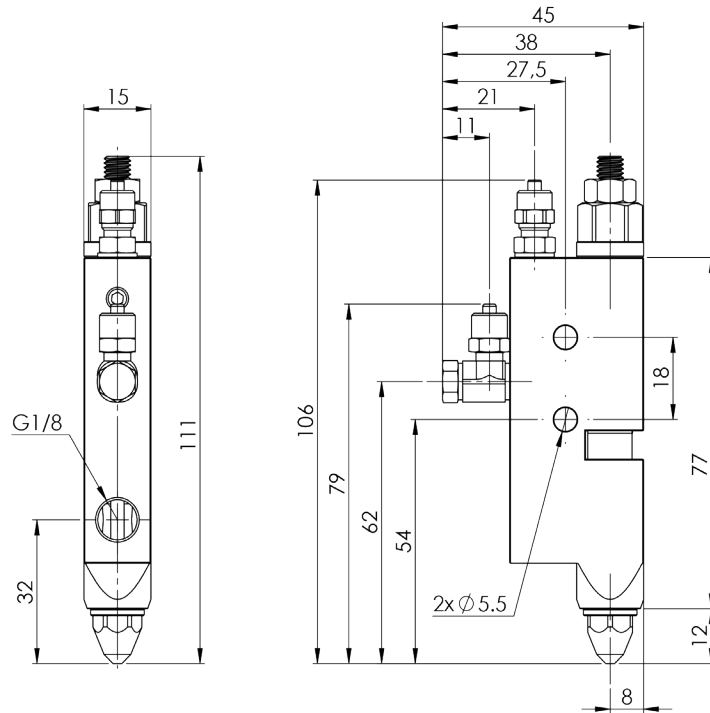
Extrusion valve MZV400MGRM



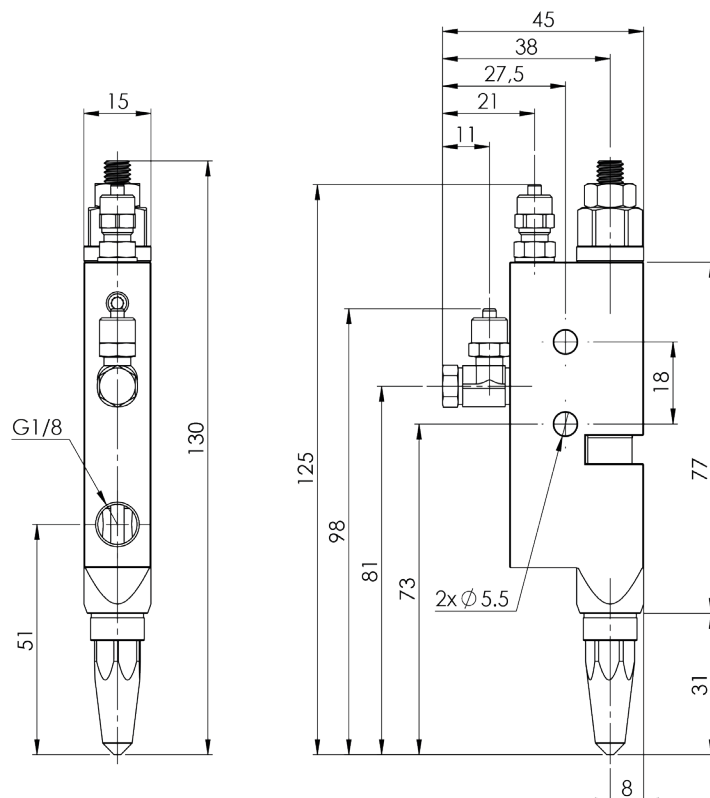


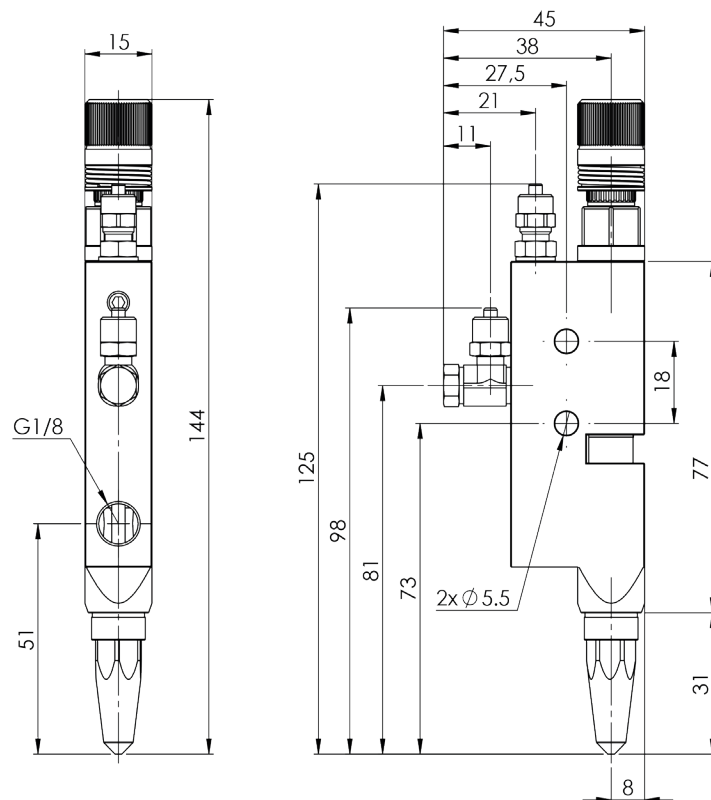
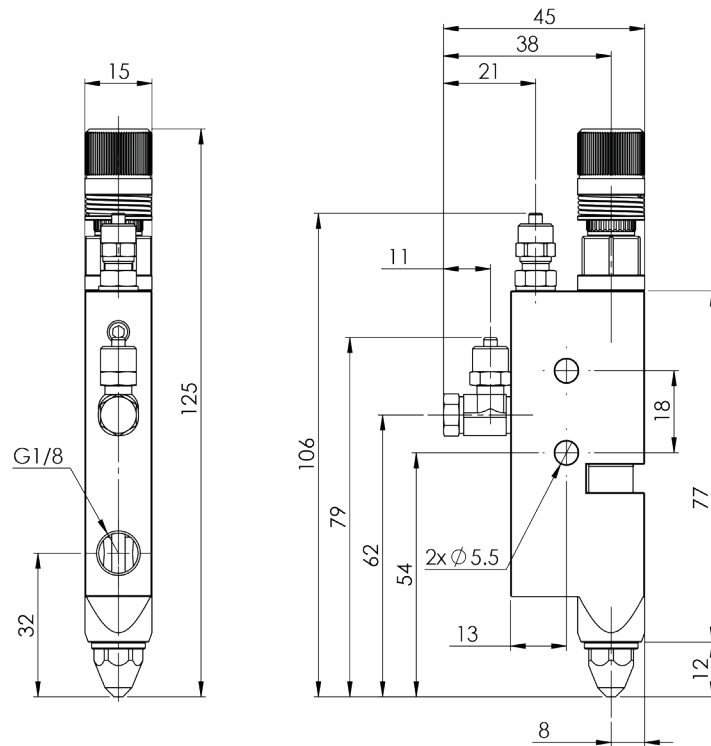
DIMENSIONS

MZV4XXKVNR



MZV4XXLVNR







The technical drawing illustrates the HPS-06 hydraulic pump assembly in two views:

- Front View (Left):** Shows the main body with a total height of 117 mm. The top section has a diameter of 15 mm. A G1/8 inlet port is located 38 mm from the bottom. The bottom section has a conical shape.
- Side View (Right):** Shows the profile of the pump with a total width of 45 mm. Key dimensions include:
 - Total height: 112 mm
 - Height from base to top mounting flange: 85 mm
 - Height from base to middle mounting flange: 68 mm
 - Height from base to bottom mounting flange: 60 mm
 - Width of the top mounting flange: 38 mm
 - Width of the middle mounting flange: 27.5 mm
 - Width of the bottom mounting flange: 21 mm
 - Distance between mounting flanges: 11 mm
 - Mounting holes are spaced 18 mm apart vertically.
 - Two mounting holes are specified as $2 \times \varnothing 5.5$.
 - The bottom section has a height of 18 mm.

The technical drawing illustrates the EPC-06 pressure washer lance assembly from two perspectives: a front view (left) and a side view (right).

Front View Dimensions:

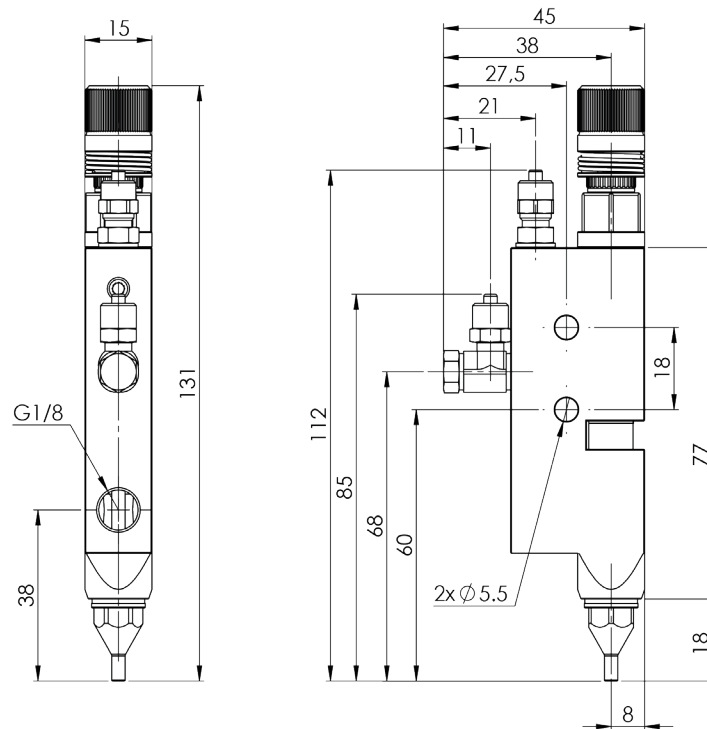
- Total length: 117
- Nozzle diameter at the bottom: 38
- Trigger gun connection diameter: G1/8
- Lance body diameter: 15

Side View Dimensions:

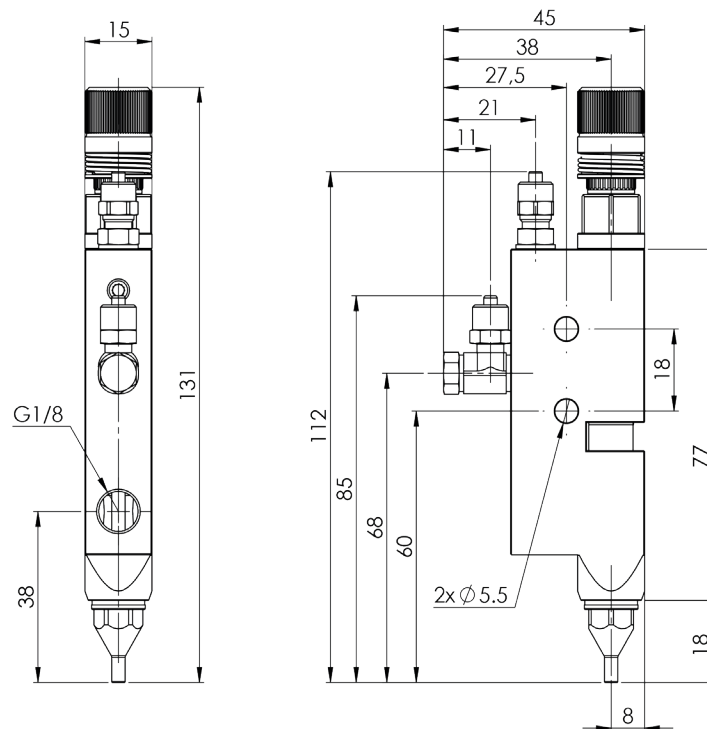
- Total height: 112
- Height from base to trigger gun: 85
- Height from base to lance body: 68
- Height from base to nozzle: 60
- Width of the lance body: 45
- Distance between mounting holes: 38
- Distance from back edge to first hole: 27,5
- Distance from back edge to second hole: 21
- Radius of the mounting holes: r11
- Mounting hole diameter: 2x Ø 5.5
- Height of the mounting plate: 18
- Height of the nozzle: 18
- Base width: 8



MZV4XXKLRM 7mm

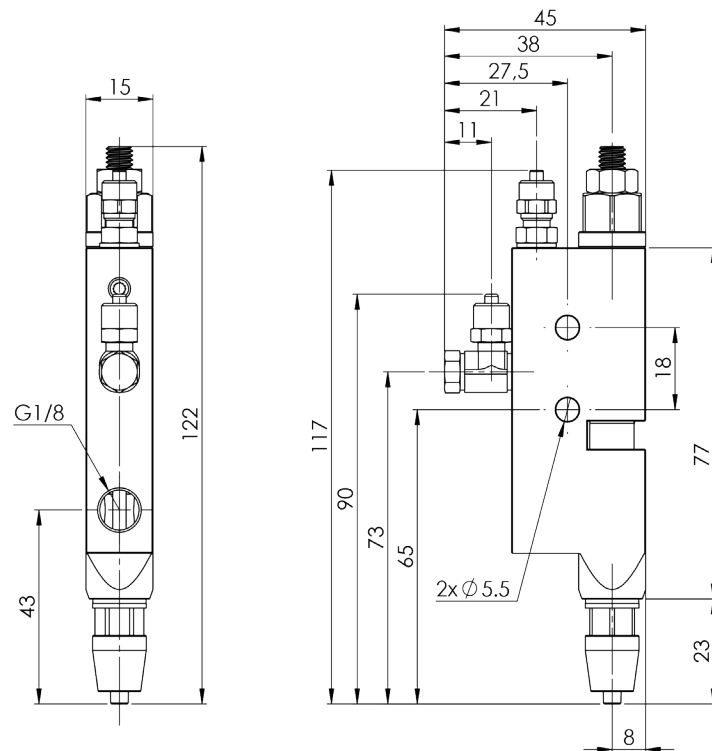


MZV4XXKLRM 10mm

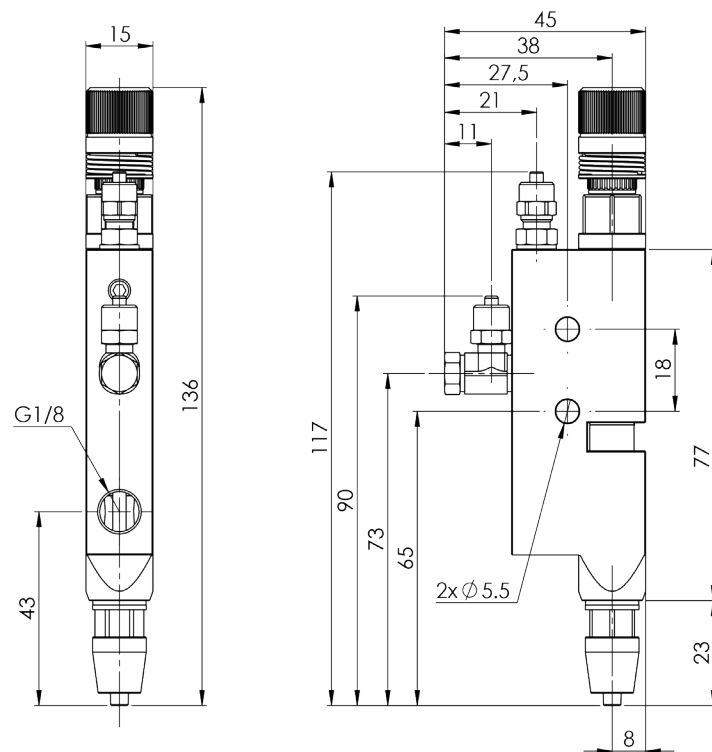




MZV400SYNR

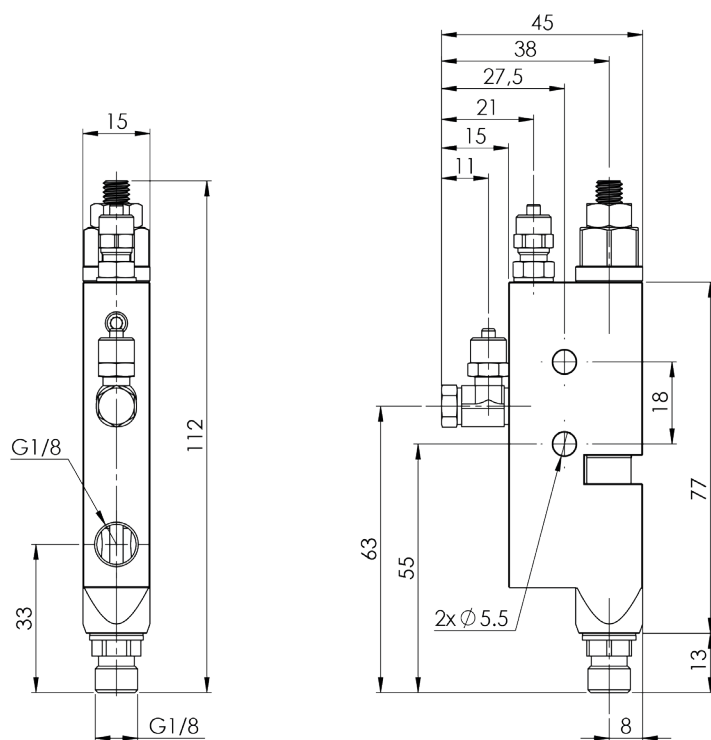


MZV400SYRM

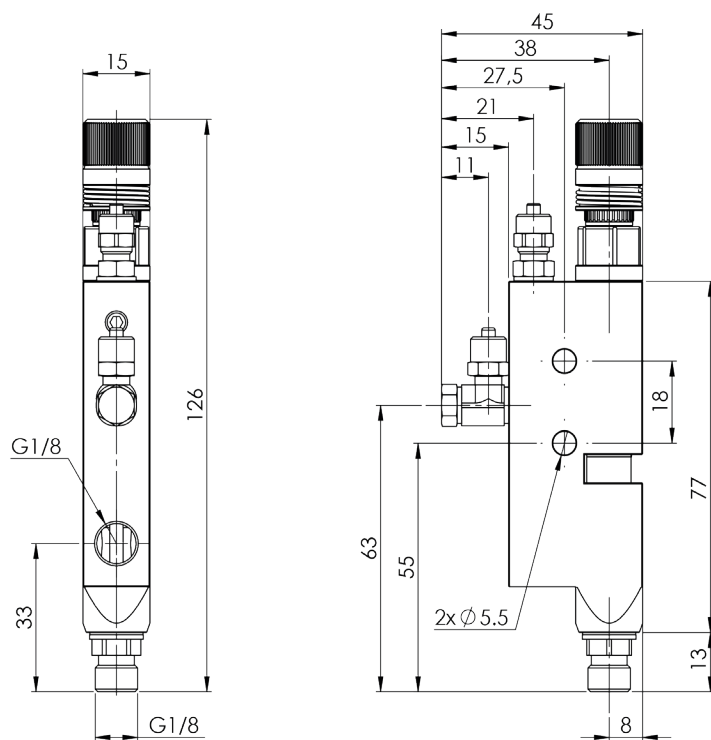




MZV40018NR

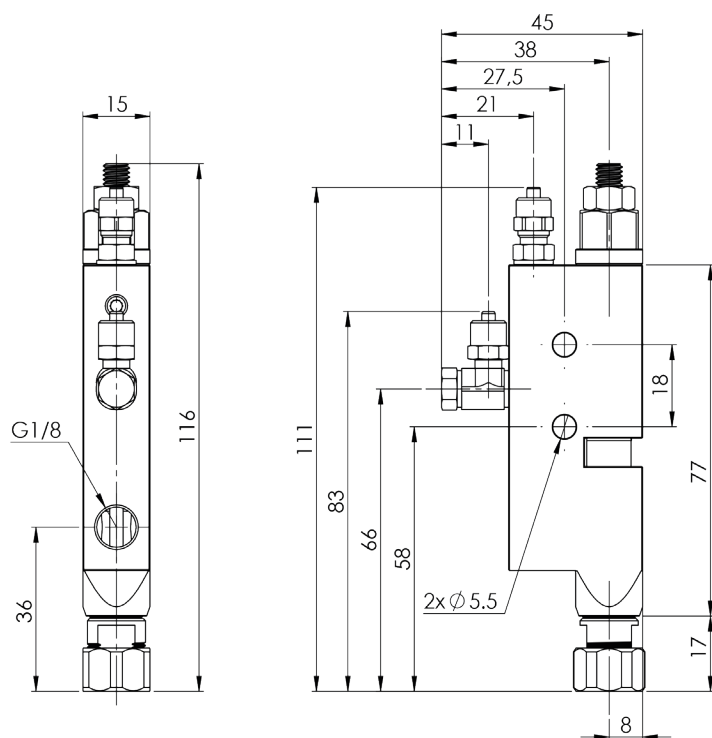


MZV40018RM

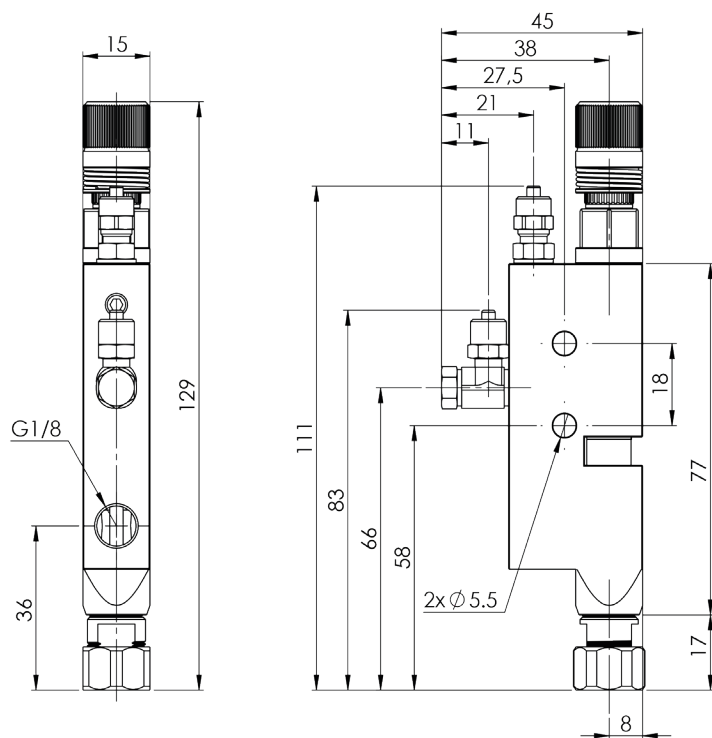




MZV400MGNR



MZV400MGRM



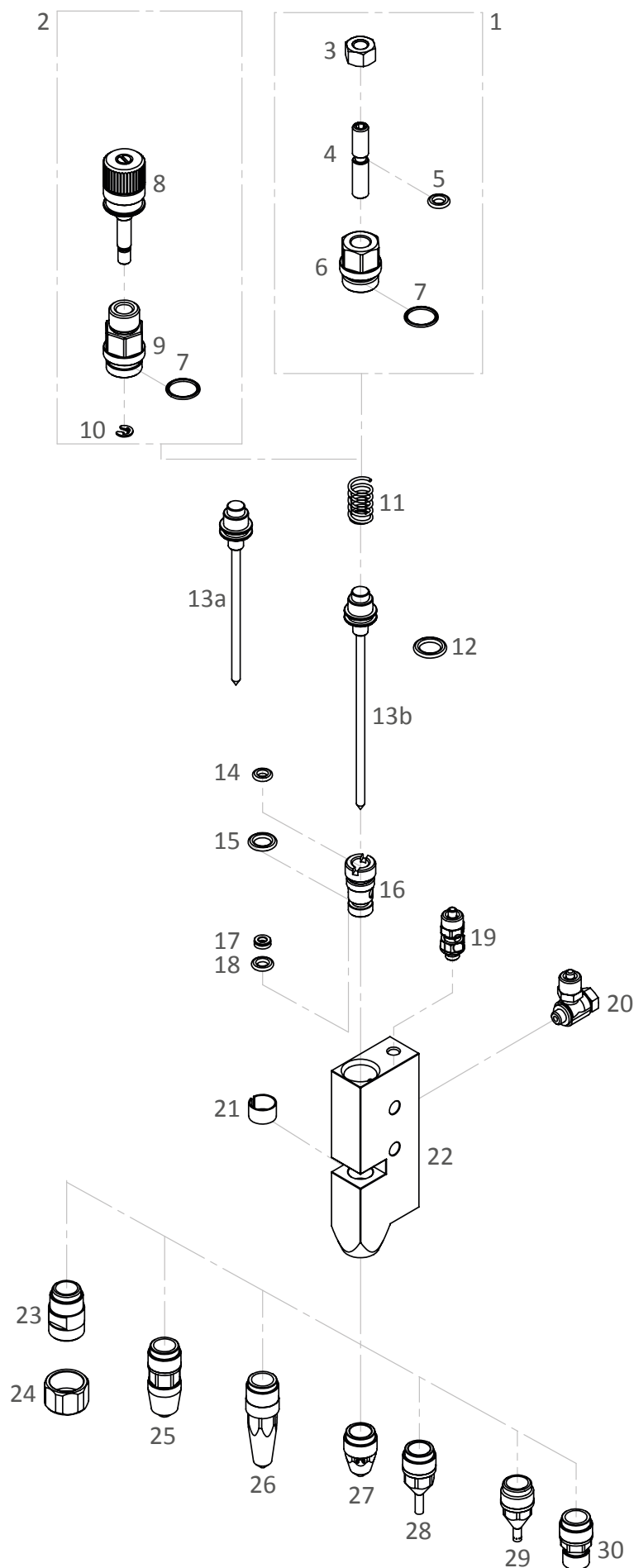


PART LIST

Pos.	Code	Q.ty	Description
1	C32500002	1	Screw adjustment complete
2	C32500007	1	Micrometric adjustment complete
3	F63700051	1	Nut
4	C32500003	1	Screw
5	K92010202	1	O-ring
6	C32500004	1	Screw adjustment block
7	K92011002	2	O-ring
8	C32500008	1	Micrometric adjustment knob
9	C32500009	1	Micrometric adjustment block
10	C32500006	1	Adjustment circlip
11	K93510903	1	Hard spring
	K93510901	1	Soft spring
12	K92010701	1	O-ring
13a	H84230103	1	Needle KV
13b	H84230203	1	Needle LV
14	K92010202	1	O-ring
15	K92010601	1	O-ring
16	H83100104	2	Lock bush
17	K92320301	1	Gasket
18	K92010401	1	O-ring
19	K95120402	2	Air fitting
20	K95121502	1	Air fitting 90°
21	C31000001	1	Plastic protection
22	C33100001	1	Valve body
23	H85800101	1	Nozzle MG nut
24	H85800102	1	Nozzle Syrin
25	H85100150	1	Nozzle LV
26	H853100XX	1	Nozzle LV
27	H855100XX	1	Nozzle KV
Replace XX value with nozzle diameter desired Available nozzle diameters from 0,3 to 1,5 mm			
28	H855101XX	1	Nozzle KL 7 mm
29	H855102XX	1	Nozzle KL 10 mm
Replace XX value with nozzle diameter desired Available nozzle diameters from 0,5 to 1,5 mm			
30	H85100180	1	Nozzle 1/8"
	K92911700	1	Gasket kit



ELECTROPNEUMATIC EXTRUSION VALVE **MZV**



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