

# MZB200

electropneumatic valve



Zator  
gluing solutions

DATASHEET





## TECHNICAL DESCRIPTION

The electropneumatic extrusion valve MZB200 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; is pneumatically controlled by one external solenoid valve.

The valve, with nickel coating, wear resistant titanium 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

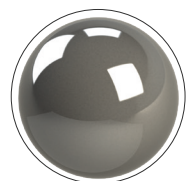
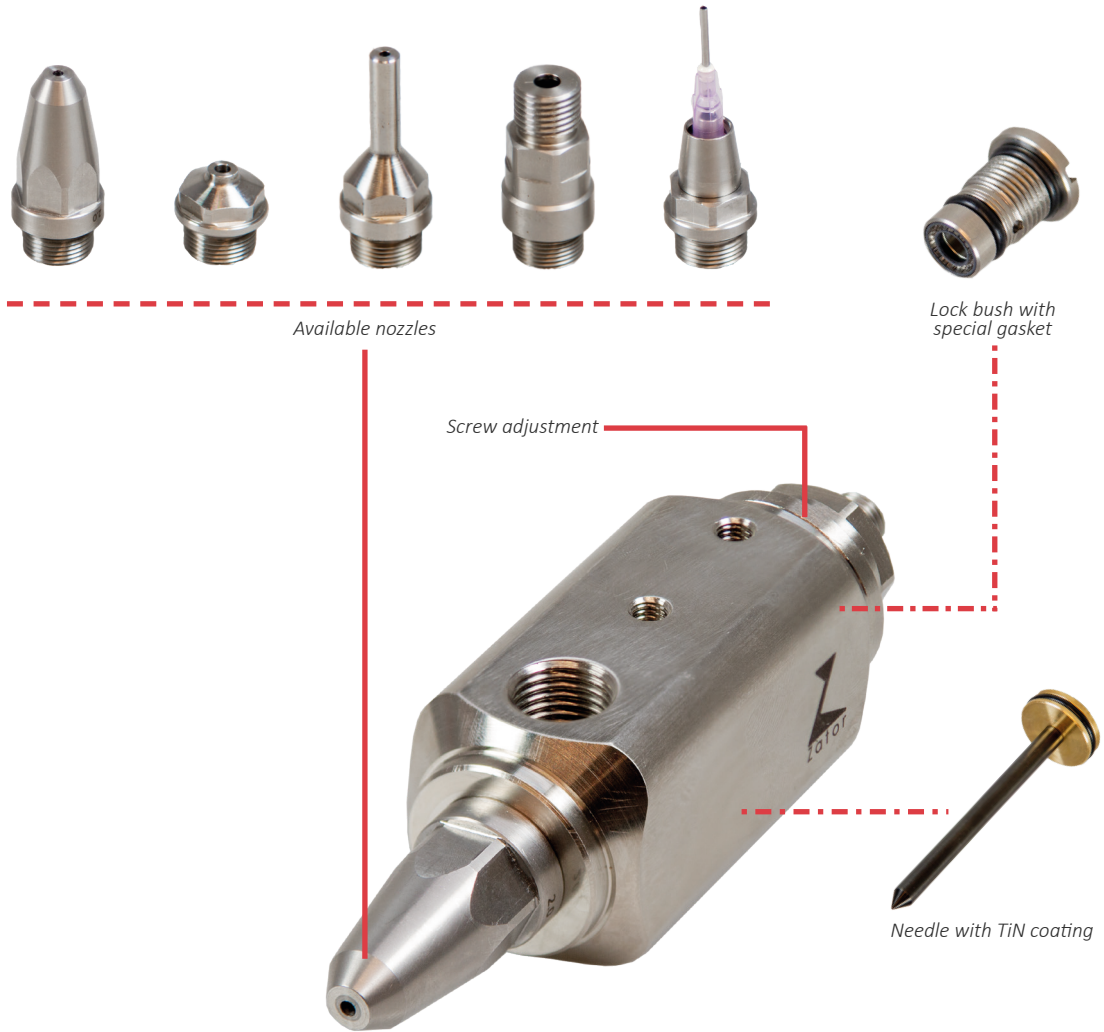
|                            |                         |
|----------------------------|-------------------------|
| Available nozzle diameters | from 2,0 to 5,0 mm      |
| Air pressure control       | min. 5 bar              |
| Drive type                 | simple or double action |
| Maximum working pressure   | 150 bar                 |
| Weight                     | 490 g                   |



*Dots and lines*



## ELECTROPNEUMATIC VALVE MZB200



FULL STAINLESS STEEL  
VALVE AVAILABLE  
ON REQUEST



# MODELS

| code                                                                                                   | description                 | € |
|--------------------------------------------------------------------------------------------------------|-----------------------------|---|
| ZB01B04XX0                                                                                             | Extrusion valve<br>MZB2XXLV |   |
| <i>Replace XX value with nozzle diameter desired<br/>Available nozzle diameters from 2,0 to 5,0 mm</i> |                             |   |



| code                                                                                                   | description                 | € |
|--------------------------------------------------------------------------------------------------------|-----------------------------|---|
| ZB02B04XX0                                                                                             | Extrusion valve<br>MZB2XXKV |   |
| <i>Replace XX value with nozzle diameter desired<br/>Available nozzle diameters from 2,0 to 5,0 mm</i> |                             |   |



| code                                                                                                   | description                        | € |
|--------------------------------------------------------------------------------------------------------|------------------------------------|---|
| ZB05B04XX0                                                                                             | Extrusion valve<br>MZB2XXKL 10 mm  |   |
| ZB26B04XX0                                                                                             | Extrusion valve<br>MZB12XXKL 15 mm |   |
| ZB27B04XX0                                                                                             | Extrusion valve<br>MZB2XXKL 20 mm  |   |
| <i>Replace XX value with nozzle diameter desired<br/>Available nozzle diameters from 2,0 to 5,0 mm</i> |                                    |   |



| code       | description                      | € |
|------------|----------------------------------|---|
| ZB08B04000 | Extrusion valve<br>MZB20014 1/4" |   |



| code       | description                 | € |
|------------|-----------------------------|---|
| ZB09B04000 | Extrusion valve<br>MZB200SY |   |



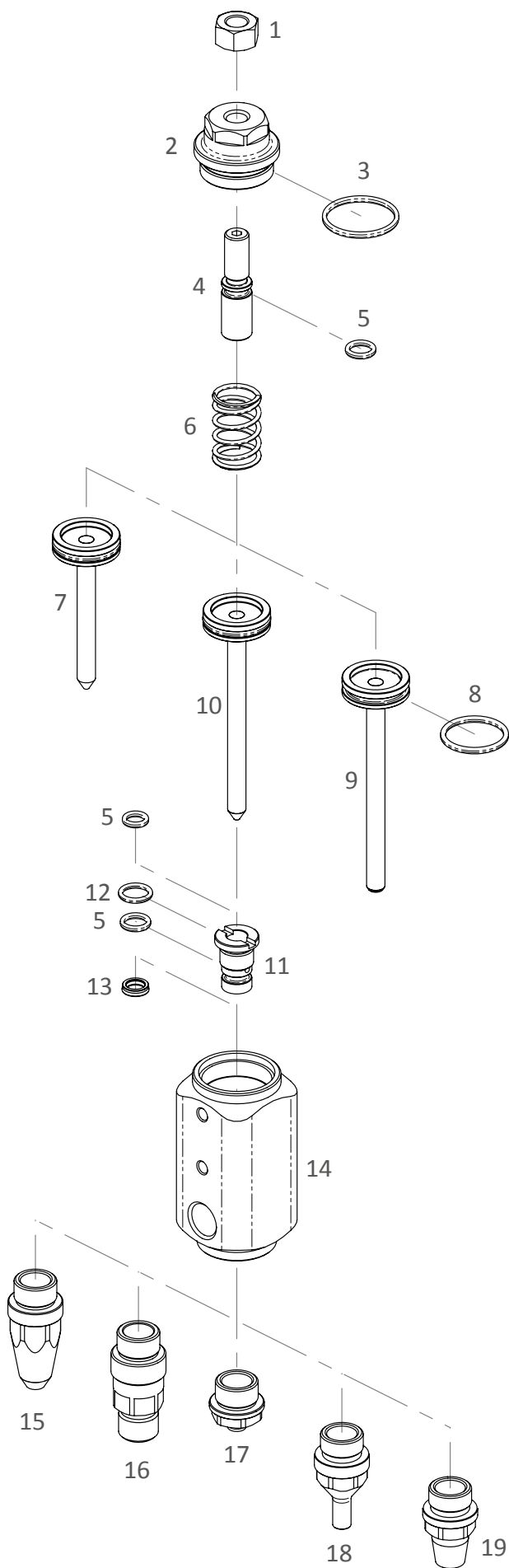


## PARTS LIST

| pos.                                                                                           | code       | q.ty | description             |  |
|------------------------------------------------------------------------------------------------|------------|------|-------------------------|--|
| 1                                                                                              | NT0108110  | 1    | Nut                     |  |
| 2                                                                                              | C32500014  | 1    | Screw adjustment block  |  |
| 3                                                                                              | RNG000020E | 1    | O-ring <sup>1</sup>     |  |
| 4                                                                                              | C32500013  | 1    | Screw                   |  |
| 5                                                                                              | RNG000010E | 3    | O-ring <sup>1</sup>     |  |
| 6                                                                                              | CCS000500  | 1    | Spring                  |  |
| 7                                                                                              | H84230420  | 1    | Needle KV               |  |
| 8                                                                                              | RNG000018E | 1    | O-ring <sup>1</sup>     |  |
| 9                                                                                              | H84230550  | 1    | Needle (for nozzle 1/4) |  |
| 10                                                                                             | H84230520  | 1    | Needle LV               |  |
| 11                                                                                             | BSH000019  | 1    | Lock bush               |  |
| 12                                                                                             | RNG000011E | 1    | O-ring <sup>1</sup>     |  |
| 13                                                                                             | VRS60890T  | 1    | Variseal <sup>1</sup>   |  |
| 14                                                                                             | BG000052   | 1    | Valve body              |  |
| 15                                                                                             | H853400XX  | 1    | Nozzle LV               |  |
| 16                                                                                             | H85100140  | 1    | Nozzle 1/4              |  |
| 17                                                                                             | H855200XX  | 1    | Nozzle KV               |  |
| 18                                                                                             | H855201XX  | 1    | Nozzle KL 10 mm         |  |
|                                                                                                | H855202XX  | 1    | Nozzle KL 15 mm         |  |
|                                                                                                | H855203XX  | 1    | Nozzle KL 20 mm         |  |
| Replace XX value with nozzle diameter desired<br>Available nozzle diameters from 2,0 to 5,0 mm |            |      |                         |  |
| 19                                                                                             | H85100130  | 1    | Nozzle Syrin            |  |
|                                                                                                | KGN000020  | 1    | Gasket kit <sup>1</sup> |  |



# ELECTROPNEUMATIC VALVE MZB200

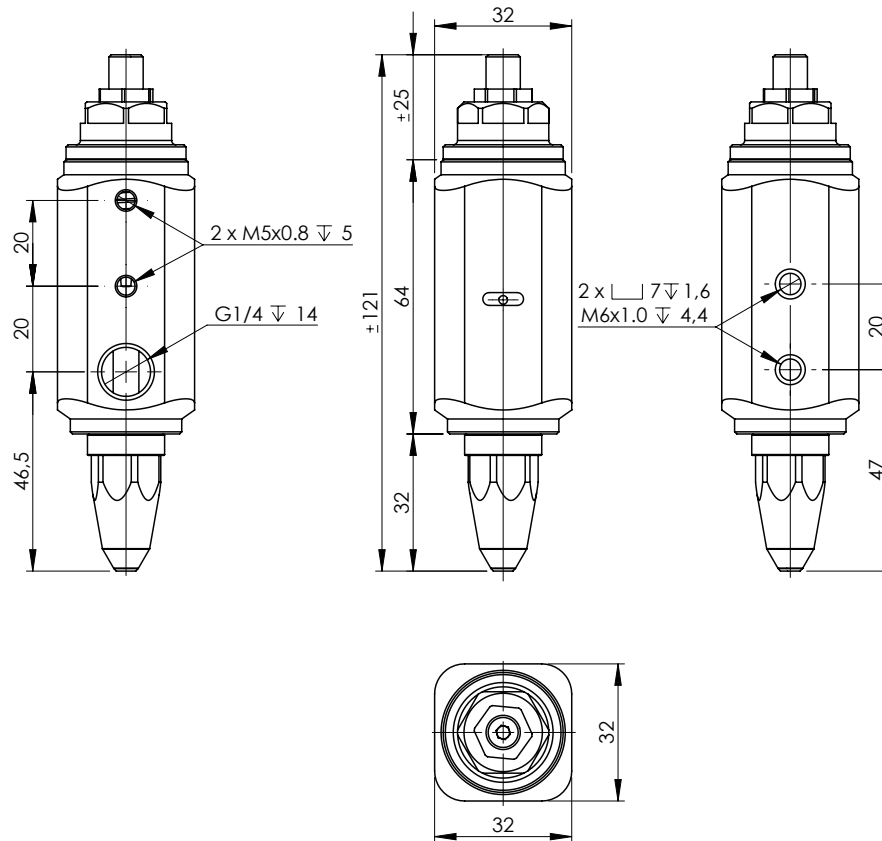


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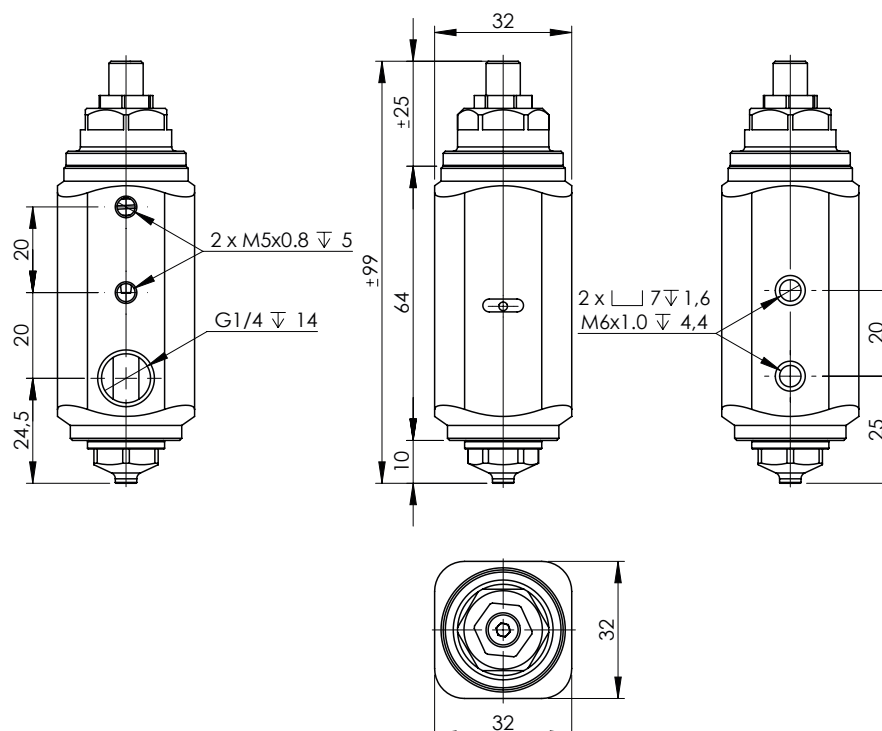


# DIMENSIONS

## MZB2XXLV

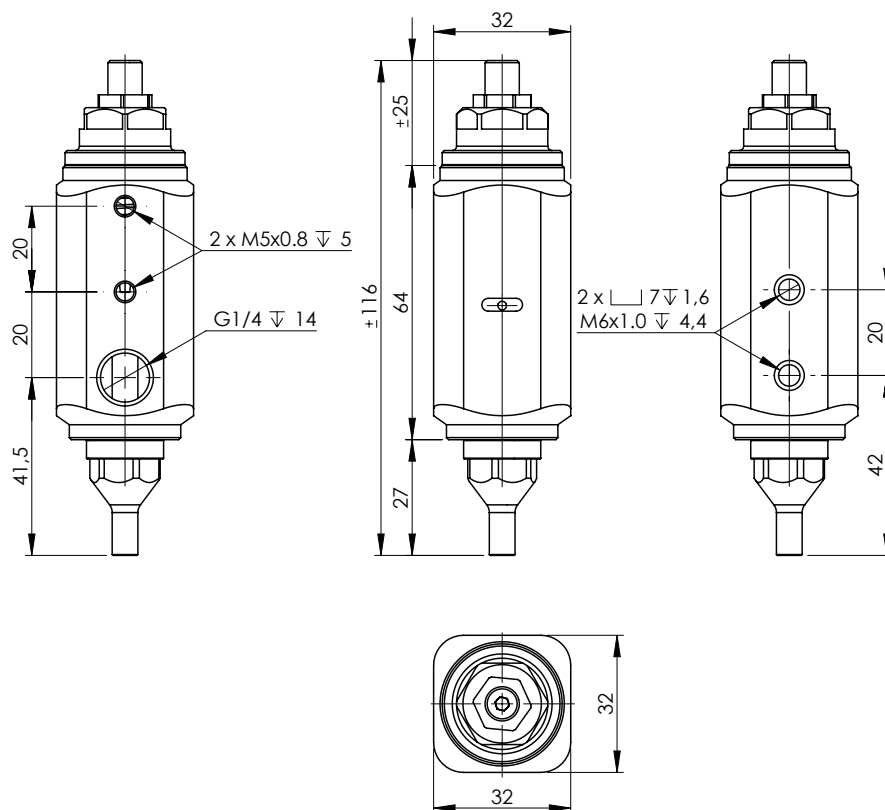


## MZB2XXKV

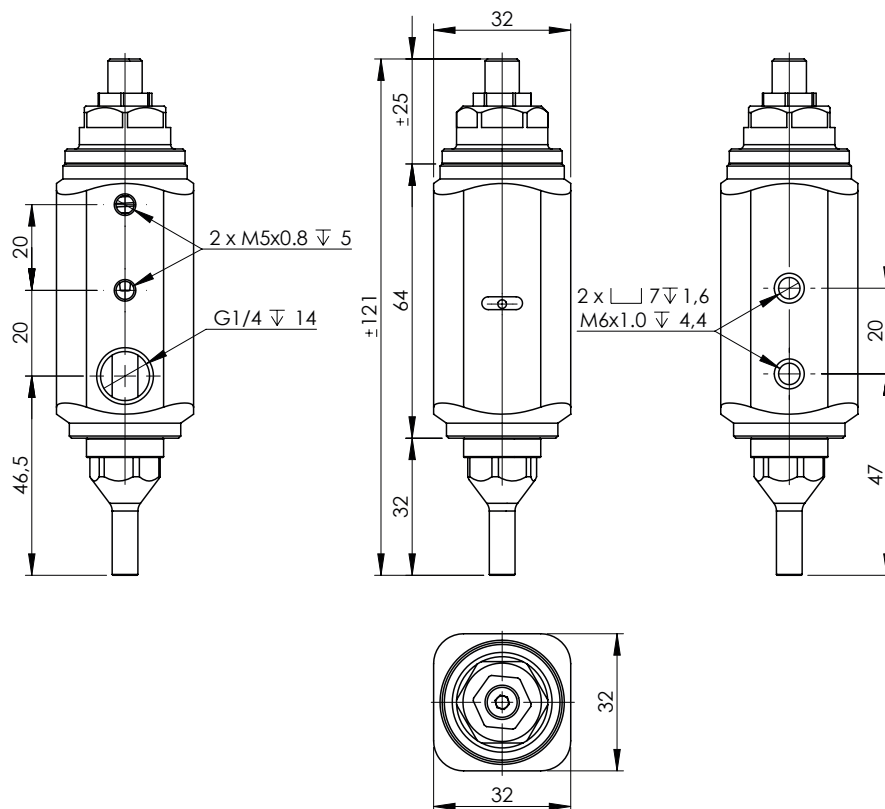




## MZB2XXKL 10mm

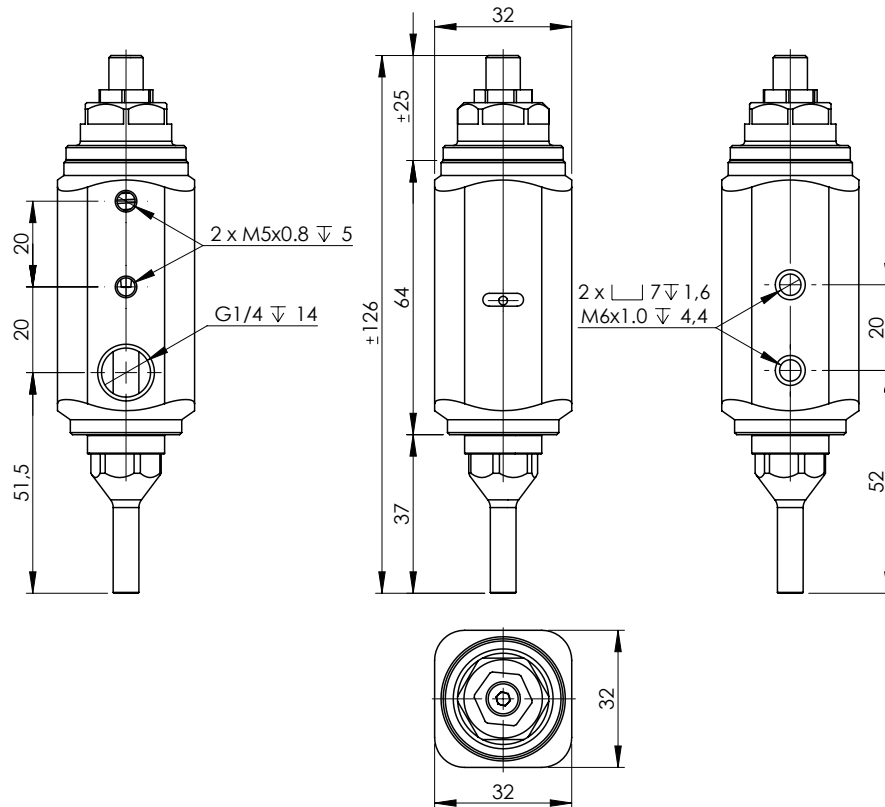


## MZB2XXKL 15mm

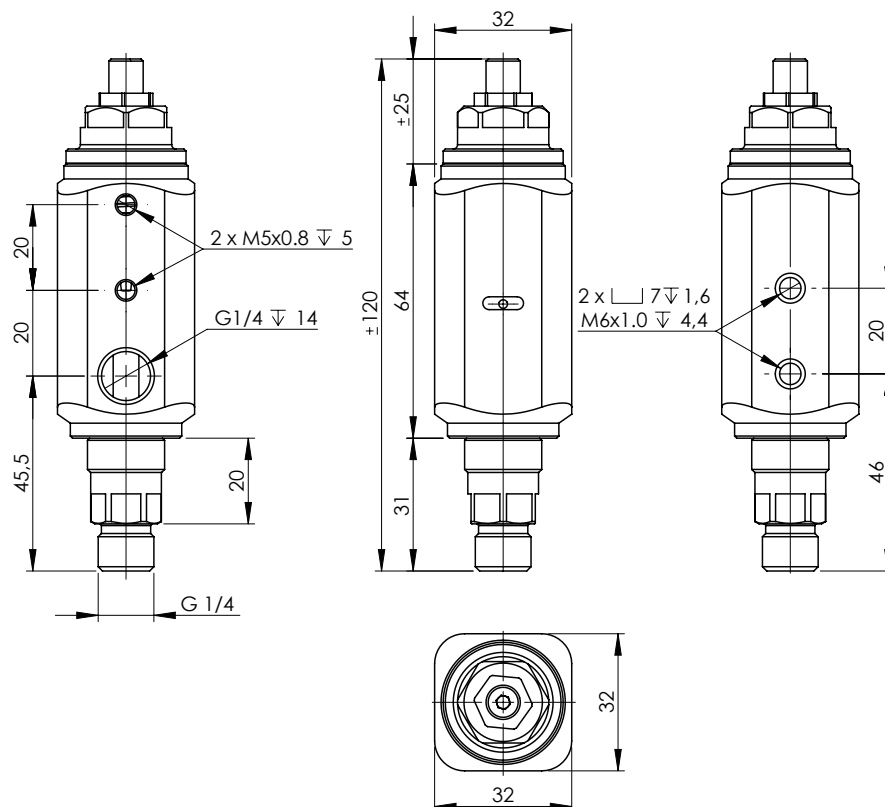




## MZB2XXKL 20mm

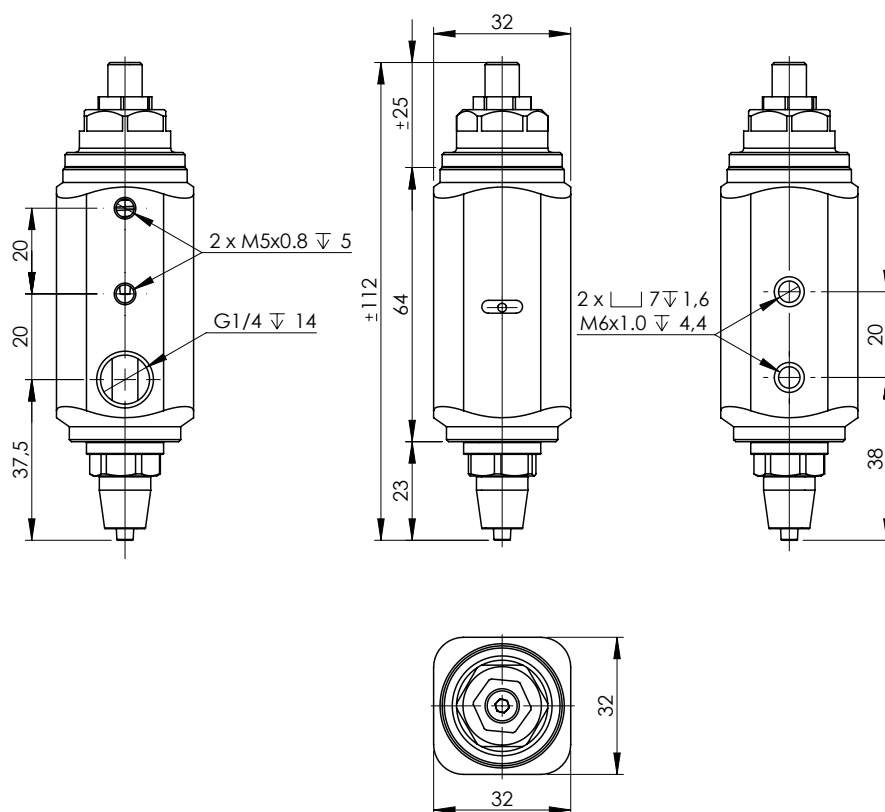


## MZB20014





## MZB200SY



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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  
MZB200\_v02

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