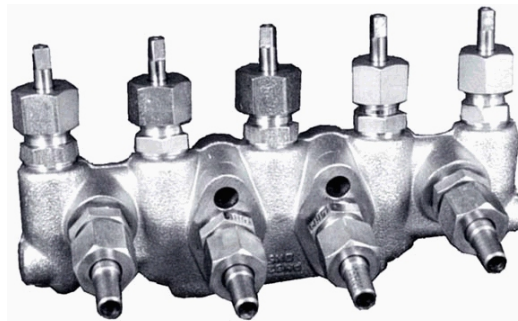


## FIVE-WAY BLOCK VALVES (MANIFOLDS) type MEZ-11

THE MEZ-type VALVES (MANIFOLDS) ARE DESIGNED FOR ASSEMBLING IN MEASUREMENT & CONTROL SYSTEMS. THEY ARE USED FOR SWITCHING ON THE FLOW, DIFFERENTIAL PRESSURE AND PRESSURE TRANSMITTERS FOR OPERATION, OR SWITCHING THEM OFF. THEY ENABLE ZERO AND RANGE CHECKING ON TRANSMITTERS AND BLOWING DOWN OF IMPULSE TUBES. THE VALVES ARE PROVIDED BY THE MANUFACTURER WITH SETTING KEY.

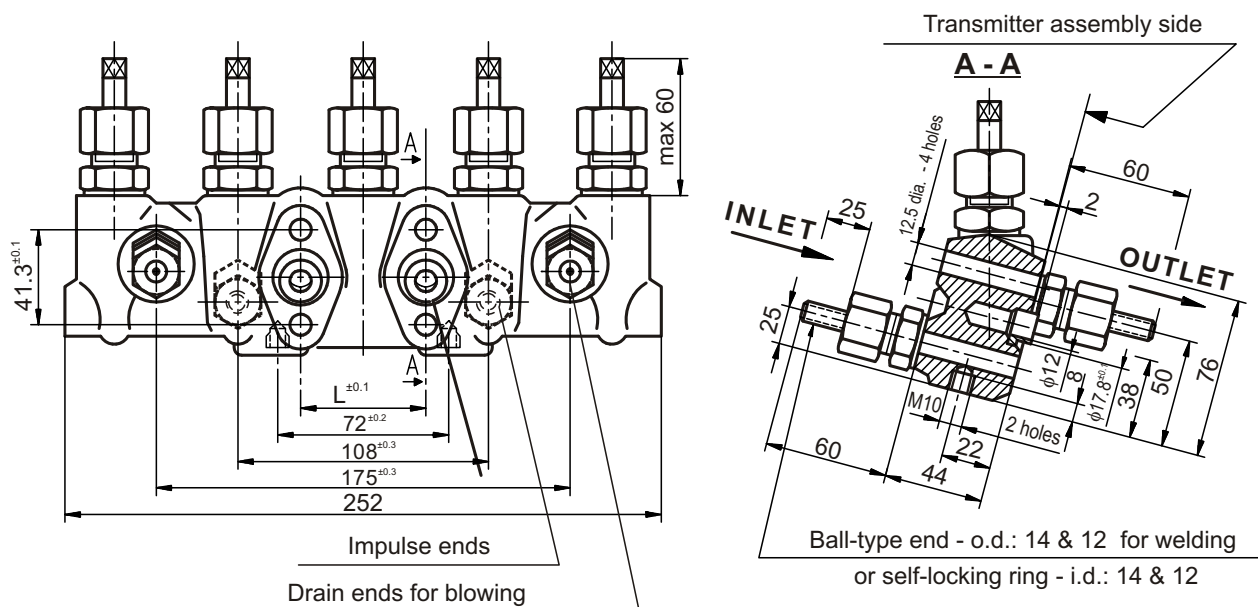


- high reliability
- different material versions for water, steam, acids and oxygen
- body material: 15HM, 1H18N9T (321ss) or 13HMF
- nominal pressure up to 32 MPa

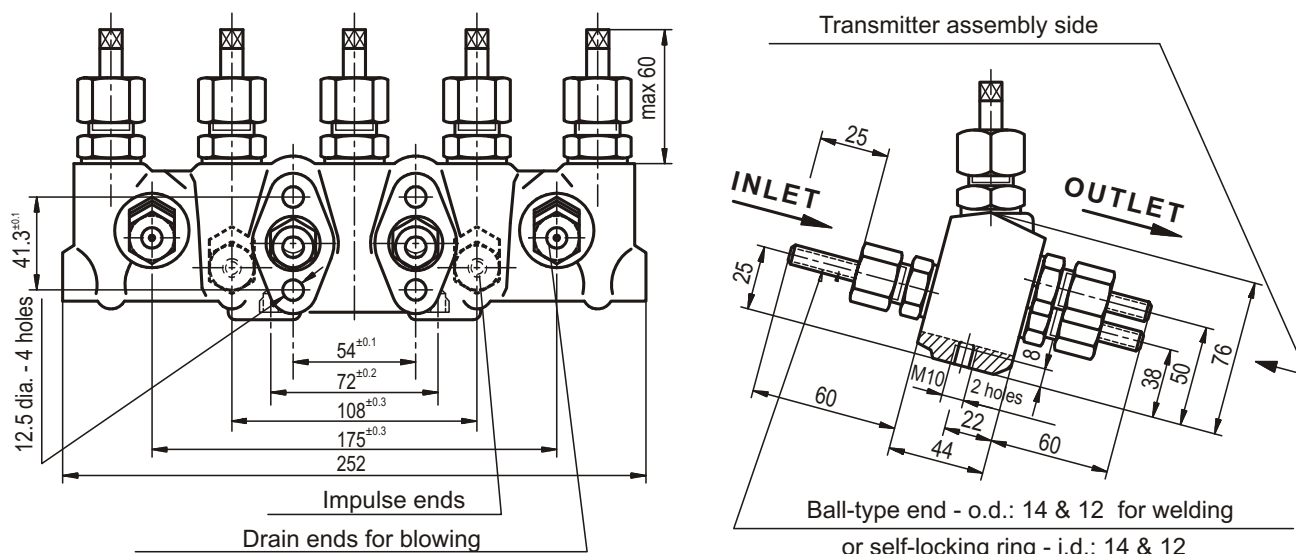
### TECHNICAL DATA

| Valve type                                                                                                                             | MEZ-11-00  | MEZ-11-01              | MEZ-11-02   | MEZ-11-03              |
|----------------------------------------------------------------------------------------------------------------------------------------|------------|------------------------|-------------|------------------------|
| Nominal diameter [mm]:                                                                                                                 | DN 5       | DN 5                   | DN 5        | DN 5                   |
| Nominal pressure:                                                                                                                      | 32 MPa     | 32 MPa                 | 32 MPa      | 32 MPa                 |
| Test pressure:                                                                                                                         | 45 MPa     | 45 MPa                 | 45 MPa      | 45 MPa                 |
| Highest operating temperature:                                                                                                         | 400°C      | 250°C                  | 560°C       | 200°C                  |
| Numerical values of permissible operating pressures, in function of nominal pressure and operating temperature, acc. to PN-89/H-02650: |            |                        |             |                        |
| Valve material:                                                                                                                        | steel 15HM | steel 1H18N9T (321 ss) | steel 13HMF | steel 1H18N9T (321 ss) |
| Valve sealing material:                                                                                                                | graphite   | graphite               | graphite    | tarflen                |
| Valve version:                                                                                                                         | standard   | acid-proof             | standard    | for oxygen             |
| Mass:                                                                                                                                  | 5.5 kg     | 5.5 kg                 | 5.5 kg      | 5.5 kg                 |

**MEZ-11-XX/1-X-X-X DIMENSIONED DRAWING**  
valve body made of forging

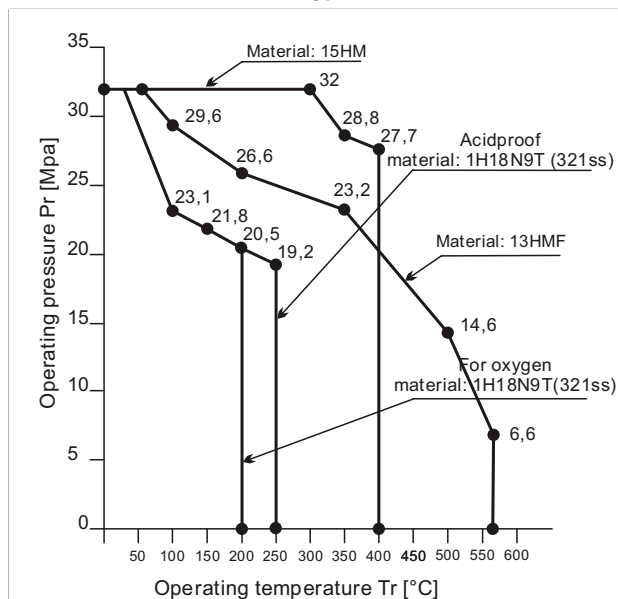


**MEZ-11-XX/2-1-X-X DIMENSIONED DRAWING**  
valve body made of forging

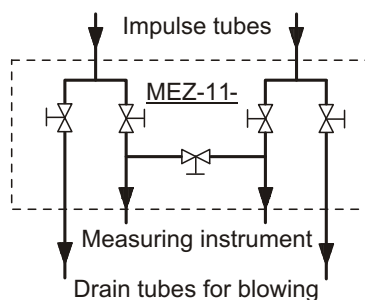


## GRAPH

Range of operating pressures versus operating temperature  
for valves type: MEZ-11-



## BLOCK DIAGRAM



## ORDERING OF VALVES (MANIFOLDS) type MEZ-11

|                              |                                                       |
|------------------------------|-------------------------------------------------------|
| MEZ-11-                      | Five-way block valve (manifold)                       |
| CODE1                        | VALVE BODY MATERIAL TYPE                              |
| 00/*                         | Steel 15HM                                            |
| 01/*                         | Steel 1H18N9T (321 ss) acid-proof                     |
| 02/                          | Steel 13HMF (only elongated gland)                    |
| 03/*                         | Steel 1H18N9T (321 ss) for oxygen                     |
| CODE2                        | APPLICATION AND CONNECTING TO TRANSMITTER             |
| 1-                           | for direct assembly to transmitter                    |
| 2-                           | for assembly by impulse tubes to transmitter          |
| CODE3                        | IMPULSE HOLES SPACING                                 |
| 1-                           | L = 54 mm                                             |
| 2-                           | special version after agreement with manufacturer     |
| CODE4                        | IMPULSE TUBE                                          |
| 1                            | φ 14 for welding with ball-end                        |
| 2                            | φ 12 for welding with ball-end                        |
| 3                            | φ 14 with self-locking ring                           |
| 4                            | φ 12 with self-locking ring                           |
| 5                            | ø14 for welding with flat end                         |
| 6                            | ø12 for welding with flat end                         |
| CODE5                        | ASSEMBLY SCREWS                                       |
| /S                           | Standard screws 7/16"x 60                             |
| /A                           | screws M10x55 for assembly with APLISENS transmitters |
| MEZ-11-00/2-1-3-S VALVE TYPE |                                                       |

\* It is possible to make valves (manifolds) with:

- elongated glands (it has to be denoted in the order)
- ends for connect the valve (manifold) with instalation from material different as all alve (manifold)
- it has to be denoted in the order after agreement with manufacturer

The right of introducing design changes in the product, without deteriorating of its operation parameters, is reserved.