

# Product data sheet

Specifications



## MB 3-Way threaded Shoe valve, 1-1/2" (Rp 1-1/2) Kvs 21

MB1602

### Main

|                             |                                          |
|-----------------------------|------------------------------------------|
| Product or component type   | Valve                                    |
| Valve type                  | Shoe                                     |
| Valve product series        | MB                                       |
| Medium compatibility        | Glycol 25 %<br>Water                     |
| Valve configuration         | 3-Way                                    |
| Valve connection type       | Rp Internal                              |
| Body size                   | 40 mm (1-1/2 in)                         |
| Pipe size                   | 1-1/2 in                                 |
| Flow characteristic         | Equal percentage                         |
| Flow coefficient            | 24.28 cv<br>21 kvs                       |
| Pressure class              | PN10                                     |
| Operating fluid temperature | 2...120 °C                               |
| Valve Rotation              | 90 °                                     |
| Control valve rangeability  | 50:1                                     |
| Seat leakage                | Port A: Class II (0.5 %)                 |
| Stem movement               | Rotary                                   |
| Trim material               | Brass                                    |
| Body material               | Close grained cast iron BS1452 Grade 260 |
| Targeted region             | Europe<br>Asia Pacific.<br>Australia.    |

### Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Height             | 16 cm   |
| Package 1 Width              | 10.8 cm |
| Package 1 Length             | 14.6 cm |
| Package 1 Weight             | 3.08 kg |

### Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Use Better

| Materials and Substances               |                                                                                        |
|----------------------------------------|----------------------------------------------------------------------------------------|
| Packaging made with recycled cardboard | Yes                                                                                    |
| Packaging without single use plastic   | No                                                                                     |
| EU RoHS Directive                      | <a href="#">Compliant By Exemption</a>                                                 |
| REACH Regulation                       | <a href="#">Reference contains Substances of Very High Concern above the threshold</a> |

### Use Longer

| Lifetime extension |    |
|--------------------|----|
| Repair             | No |

### Use Again

| Repack and remanufacture        |                                          |
|---------------------------------|------------------------------------------|
| End of life manual availability | No need of specific recycling operations |
| Take-back                       | No                                       |