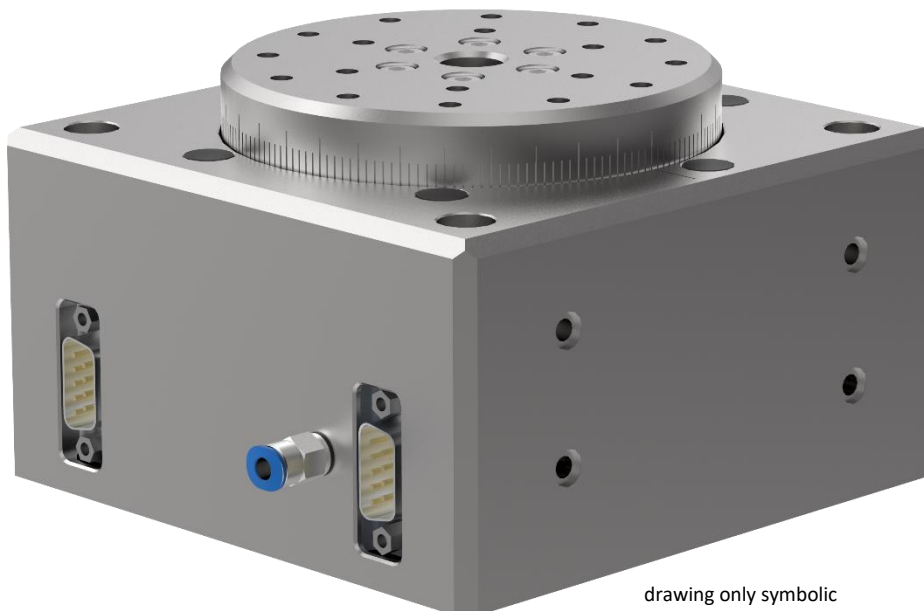


# ■ MRT-XXX

## Round measuring table

- For measuring or machining small components

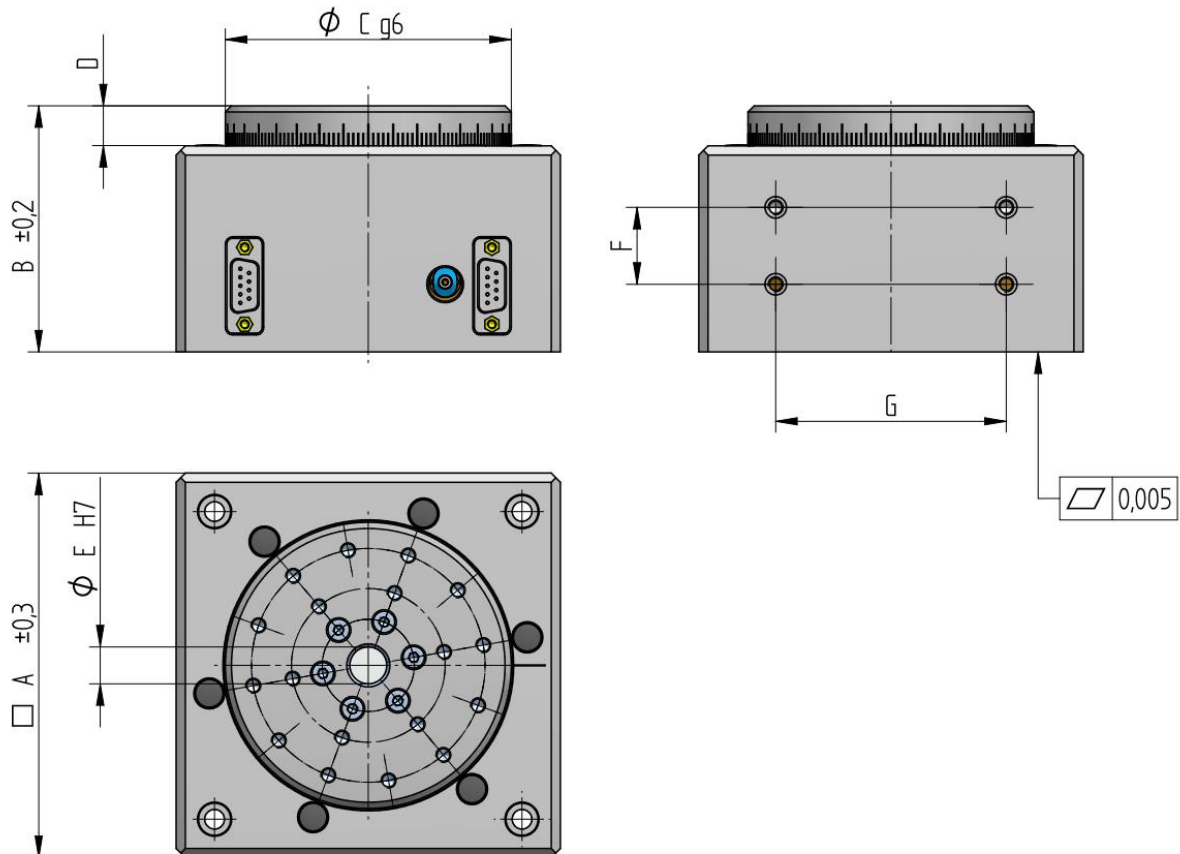
|                 |              |
|-----------------|--------------|
| • Load capacity | up to 800N   |
| • Radial runout | up to 0,03µm |
| • Axial runout  | up to 0,04µm |



drawing only symbolic

## Technical data

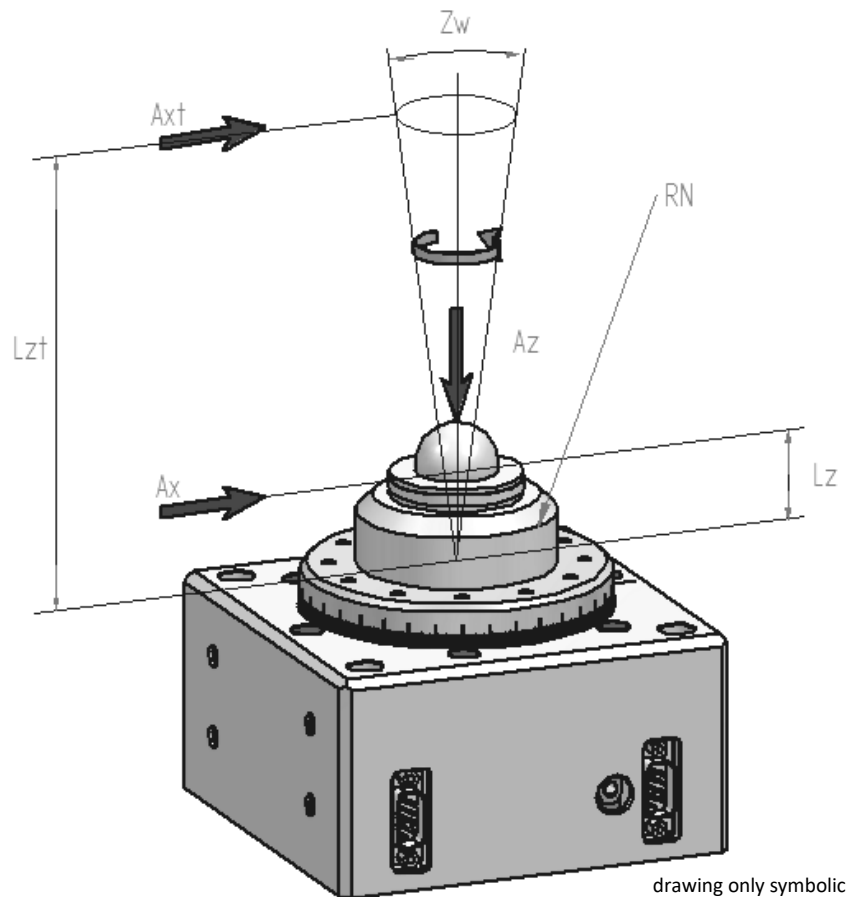
|                       |               |
|-----------------------|---------------|
| Operating pressure    | max. 5bar     |
| Operating temperature | 15 up to 35°C |
| Storing temperature   | 2 up to 40°C  |



|   |    | MRT110 | MRT125 | MRT150 |  |  |  |  |
|---|----|--------|--------|--------|--|--|--|--|
| A | mm | 110    | 125    | 150    |  |  |  |  |
| B | mm | 60     | 80     | 80     |  |  |  |  |
| C | mm | 100    | 93     | 115    |  |  |  |  |
| D | mm | 3,5    | 12,9   | 12,9   |  |  |  |  |
| E | mm | 50     | 12     | 12     |  |  |  |  |
| F | mm | n. A.  | 102,7  | 127,7  |  |  |  |  |
| G | mm | n. A.  | 75     | 100    |  |  |  |  |

changes and errors excepted

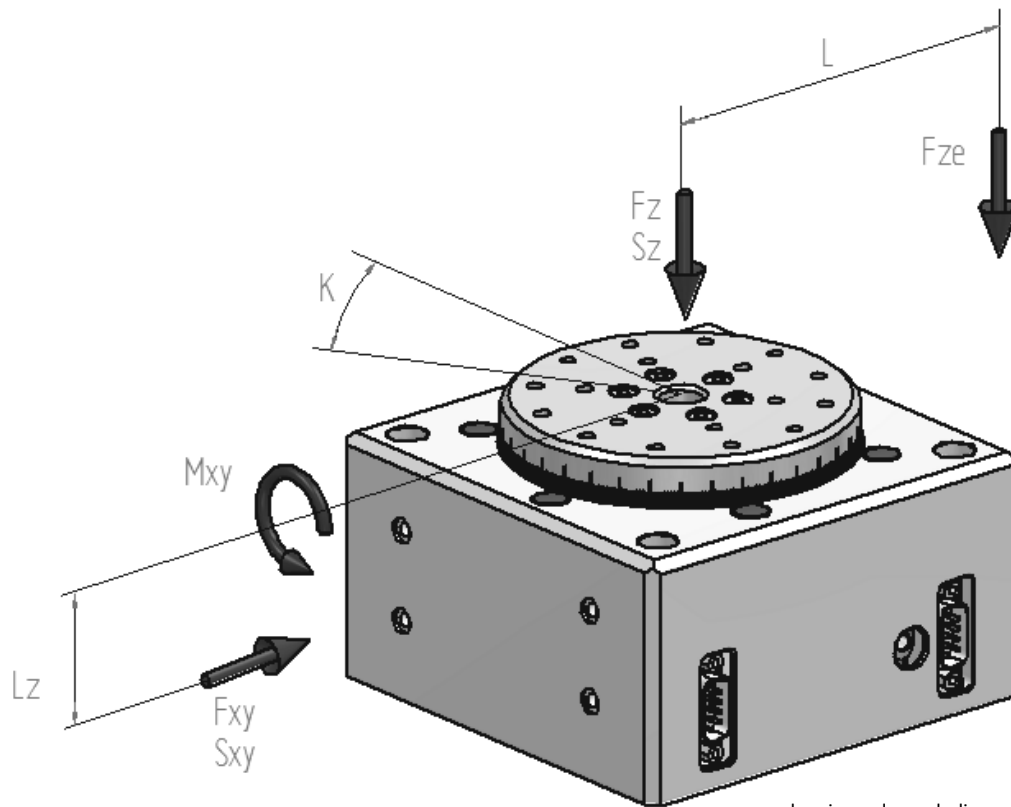
## Accuracy



|     |      | MRT110 | MRT125 | MRT150 |  |  |  |  |
|-----|------|--------|--------|--------|--|--|--|--|
| Az  | μm   | 0,045  | 0,03   | 0,03   |  |  |  |  |
| Ax  | μm   | 0,05   | 0,05   | 0,05   |  |  |  |  |
| Axt | μm   | 0,035  | 0,3    | 0,3    |  |  |  |  |
| Lzt | mm   | 100    | 100    | 100    |  |  |  |  |
| Lz  | mm   | 30     | 30     | 30     |  |  |  |  |
| Zw  | sec  | 0,3    | 0,3    | 0,3    |  |  |  |  |
|     | μrad | 1,5    | 1,5    | 1,5    |  |  |  |  |

changes and errors excepted

## Forces and moments



|     |        | MRT110  | MRT125 | MRT150 |  |  |  |  |
|-----|--------|---------|--------|--------|--|--|--|--|
| Fz  | N      | 350     | 250    | 320    |  |  |  |  |
| Fze | N      | 75      | 22     | 75     |  |  |  |  |
| L   | mm     | 100     | 100    | 100    |  |  |  |  |
| Fxy | N      | 75      | 200    | 240    |  |  |  |  |
| Lz  | mm     | 30      | 30     | 30     |  |  |  |  |
| Sz  | N/μm   | 65      | 50     | 64     |  |  |  |  |
| Sxy | N/μm   | 15      | 40     | 48     |  |  |  |  |
| K   | Nm/sec | 0,1     | 0,09   | 0,2    |  |  |  |  |
|     | Nm/rad | 0,02kal | 0,02   | 0,04   |  |  |  |  |

changes and errors excepted