

iglidur® slewing ring, PRT-04, universal adapter for locking mechanism

## PRT-04-20-ART-U



### iglidur® slewing ring, PRT-04, universal adapter for locking mechanism

- M4 universal adapter
- Compact, lightweight design
- Part of the PRT-04 series modular construction kit

### Product description

Introducing the iglidur® PRT-04 slewing ring, a versatile solution designed for lubrication-free, dry operation. This universal adapter features a compact and lightweight design, making it easy to integrate into your projects. With a robust M4 thread connection and a maximum holding force of 350N, it ensures reliable performance. Part of the innovative PRT-04 modular construction kit, this adapter is crafted from tribologically optimized iglidur® materials, offering excellent friction and chemical resistance. Perfect for your engineering needs!

### Thermal properties

|                                        |        |
|----------------------------------------|--------|
| Max. long-term application temperature | 90 °C  |
| Lower application temperature          | -50 °C |

### General properties

|                  |           |
|------------------|-----------|
| Housing material | aluminium |
|------------------|-----------|

### Mechanical properties

|                                  |        |
|----------------------------------|--------|
| Axial load, static               | 5000 N |
| Axial load, dynamic              | 1500 N |
| Radial load, dynamic             | 300 N  |
| Rotating speed dry running [rpm] | 300    |
| max. permissible tilt moment     | 30 Nm  |



## Dimensions

---

|      |           |
|------|-----------|
| H    | 28 mm     |
| D    | 80 mm     |
| D1   | 70 mm     |
| d1   | 30 mm     |
| d    | 20 mm     |
| Ø d2 | 60 mm     |
| h    | 6 mm      |
| T1   | 8 x 45 °  |
| T2   | 8 x 45 °  |
| S1   | M4        |
| S2   | 4,5 (H13) |
| K1   | 4.5 (H13) |