Ball Bearing Turntables

Innovative technology, proven quality

www.jost-world.com
JOST ball bearing turntables
Innovative technology, proven quality

Ball bearing turntables and slewing rings are parts for fitting onto trailers and agricultural vehicles to connect the A-frame to the trailer chassis so it can swivel. They are the products which started the success story of JOST in 1952. Today, they are used on all the world’s roads. And not only that: They are also used in agriculture, at airports and railway stations, in mining and in a wide range of special applications, such as in TRIDEC forced steering. The ball bearing turntables are subject to constant further development, so that they impress with their innovative benefits and proven quality time and again.

**E-coating**
- Premium corrosion protection
- Additional top coat on request

**Verified safety**
- Tested on the basis of ECE R55
- Environmental management in accordance with ISO 14001
- Quality management in accordance with ISO/TS 16949

**Weight advantage**
- Up to 10 kg lighter than comparable products

**Splined bolt**
- Assembly kit with special screws, making use of additional welded thrust plates unnecessary
  - Item number KLE 0000300 (16 pieces)
  - Item number KLE 0000400 (24 pieces)

**Mounting kit KLE0000500**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>per kit</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Hexagon screw M16x1.5x55</td>
<td>16</td>
</tr>
<tr>
<td>02</td>
<td>Hexagon nut M16x1.5</td>
<td>16</td>
</tr>
<tr>
<td>03</td>
<td>Stop block</td>
<td>8</td>
</tr>
</tbody>
</table>

**Central lubrication manifold**
- Makes lubrication easier
- Makes connection to central lubrication system easier
  - Item number KLE 0000200

**High performance lubricant**
- JOST high performance lubricant for initial greasing or follow-up lubrication in a practical refill set
  - Set for single refill, 2 cartridges @ 400 g
    - Item number SKE 013440000
  - Large 25 kg barrel
    - Item number SKE 013430000

**Low maintenance**
- Low maintenance version for HE and KDL available
Product overview: Ball bearing turntables

Ball bearing turntables KLK HE and SO
- E-coated
- Standard or low maintenance (HE series)
- Drilled or undrilled
- Lubrication manifold (optional)
- Splined bolts (optional)

Ball bearing turntables KLK L and N
- E-coated
- Undrilled
- L series: Agricultural trailers and transportation devices up to 30 km/h
- N series: Heavy agricultural trailers and light truck trailers over 30 km/h

Slewing ring KDL 900
- E-coated
- Low maintenance
- Drilled or undrilled
- Hardened bearings
- Lubrication manifold (optional)
- Splined bolts (optional)

Ball bearing turntables KLK ND
- E-coated
- Drilled or undrilled
- Lubrication manifold (optional)

Customer-specific drilling patterns
- Even in small batch sizes

You can find more technical details under: www.jost-world.com/KLK
The application of ball bearing turntables and slewing rings depends on the permissible axial load. JOST ball bearing turntables and slewing rings cover an axial load range of between 7.5 and 250 kN.

All load data for the KDL, HE, SO, ND, L and N series apply for operation in pivot support steering systems on paved roads and under the transport conditions common in Central Europe.

**Standard**

JOST standard ball bearing turntables are supplied with a thin base coating of lubricant. Before it is used for the first time the ball bearing turntable must be lubricated thoroughly. See JOST installation and operating instructions.

Connection to the central vehicle lubrication system is possible (grease is essential, rather than oil).

**Low maintenance**

The low-maintenance versions of ball bearing turntables and slewing rings mean they do not have to be maintained for up to three years or 300,000 km. After this period they must be serviced in the same way as standard turntables. The low-maintenance models are distinguished by a green type plate and by the letter "W" at the end of the item number. Maintenance conditions differ when fitted to steered semi-trailers or in the case of heavy conditions of use. The maximum storage period for maintenance-free ball bearing turntables and slewing rings is three years.