

JOST Ballrace Maintenance

Quick reference BR-2020-03



GREASING

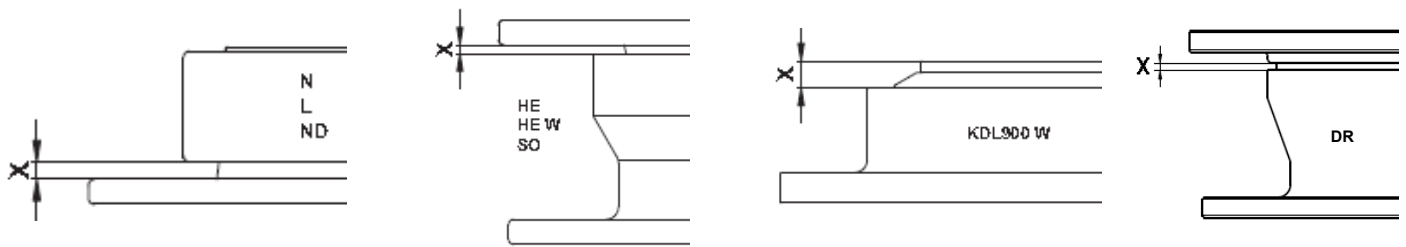
The turntable or slewing ring must be greased with a high-quality grease (lithium saponified, NLGI consistency class 2) at least every 8,000 to 10,000 km or once per month. Fill the ballrace until a continuous bead of grease can be seen around the entire circumference of the gaps (or rubber dust seals for Low-maintenance models). Turn the ballrace 30 degrees left and right whilst filling for maximum spread.

Ballraces are shipped with transit grease only and must be fully greased before being put into service.

Greasing Interval	Standard	Low maintenance ¹ (W type)
On highway	8,000 km or monthly	300,000 km or 3 years
Off highway ²	Every 2 weeks	100,000 km or 1 year
Off highway Extreme ³	Weekly	50,000 km or 6 months

Avoid directing high pressure water or steam jets at bearing gaps - must be re-greased after intensive cleaning.

WEAR LIMITS and BOLT TORQUES

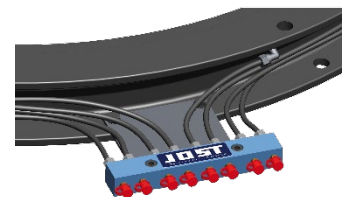


Series	N, L	HE, HE W, SO	KDL	DR
Maximum axial play	2.5mm	3.5mm	3.5mm	3.5mm
Minimum air gap X	0.0mm	0.0mm	7.5mm	0.0mm
Bolts / Torque setting ⁴	M12 x 1.5 / 89 Nm	M16 x 1.5 / 225 Nm	M16 x 1.5 / 225 Nm	M16 x 1.5 / 225 Nm

The bolt torque must be checked during the normal maintenance routine or latest at 50000 km, except in extreme applications when they should be checked more frequently.

JOST CENTRAL LUBRICATION MANIFOLD

- Makes lubrication easier
- Makes connection to central lubrication system easier
- Part number KLE0000200



JOST BALLRACE WEAR GAUGE

- Suits JOST turntables with 90mm height
- Checks whether maximum play / wear limits have been reached
- Part number KLE005900



¹ Has a green type plate. After initial maintenance period follow standard frequency period

² Includes vehicles on/off highway (gravel roads)

³ Logging, livestock

⁴ Grade 8.8 bolts DIN EN ISO 8765/8676 (DIN 960/961) – guide values for coefficient of friction $\mu_{tot.} = 0.14$

See the JOST Installation and Maintenance procedures for further detail.