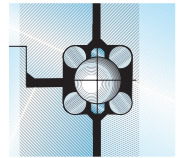
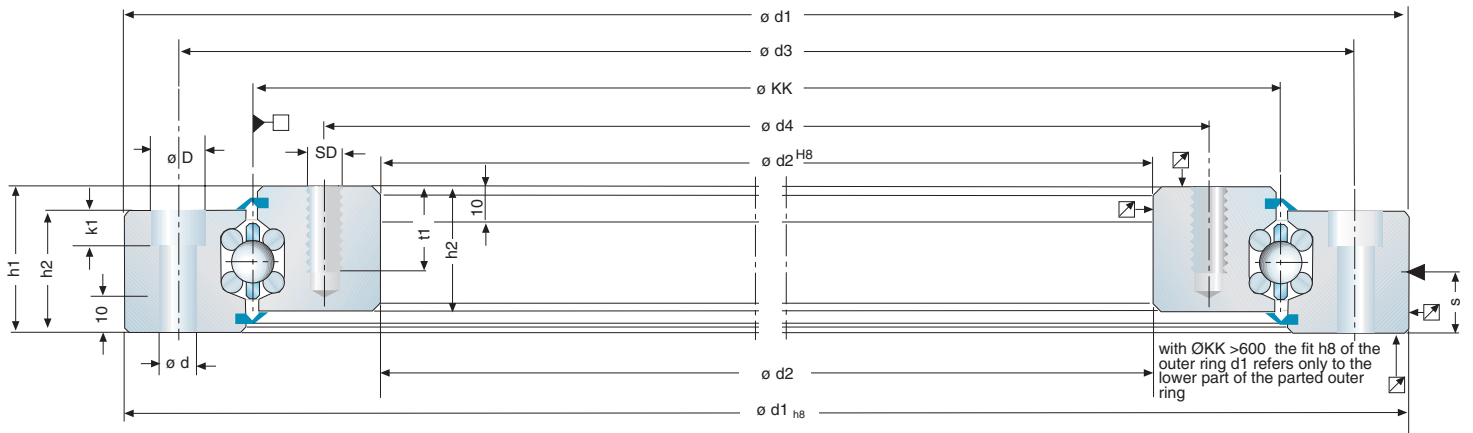


Bearing assemblies

Steel version



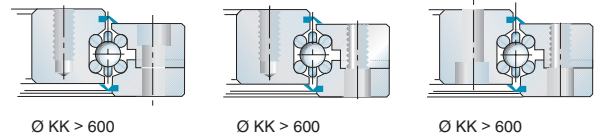
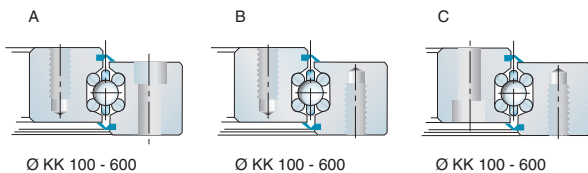
Series LDL



◀ Lubricating nipple DIN 3405
 Position:
 ≤ KKØ600 Central between fastening bores, radial at 1x at periphery
 > KKØ600 In the centre between the customer's fastening there are retaining screws (screwing of the bearing) lubricating nipple between the customer's fastening and retaining screws, radial 1x at periphery

Bore shape:

Ring design:



Consist of:

- Inner and outer ring of steel
- Bearing element with ground raceways
- Seal on both sides of the bearing
- Optional with inner or outer gear

Features:

- Ready-to-mount bearing assembly
- Free selection of material and coating
- Free selection of bearing geometry
- Free selection of bore shape
- Free selection of gear from 60 to 1500mm
- Highest radial and axial accuracy with max. stiffness
- Specified rotational resistance ex works
- Rotational resistance adjustable from clearance to preload
- Calculation programme to find the most suitable bearing
 Our calculation programme can be found in the download area of our homepage www.franke-gmbh.com. We are gladly prepared to calculate the bearing size for you

Lubrication:

- With ball bearing grease. For more information see page 34.

Temperature:

- Standard: Continuous operation: -30°C to +80°C, short time operation max. 100°C
- Optional: Continuous operation -30°C to +180°C
 Please consult us

Adjustment:

- Preload ex works (see diagram 1)

Circumferential speed:

- with seal max. 5m/s
- without seal max. 10 m/s

Gear:

- Standard see page 27
- Optional: toothed belt gear, worm gear, angular gear, etc.
 Please consult us.

	Inner outer ring	Race ways	Antifriction bearing	Strip cage	Seal
Standard	C45N	54SiCr6	100Cr6	PA12	NBR
Teeth:42CrMo4V					
Special	Alu AlZnMgCu05 Brass CuSn12 Niro X5CrNi18.10 Plastic Magnesium	Niro X12CrNi177 X7CrNi177 Duratherm 600F1450 Corrotec, ATC coating	Niro X45Cr13 Oxydkeramik POM	Niro Bronce Hard plastics Brass	Viton Teflon Labyrinth Wave seal Metal seal

Tab.1 Material

