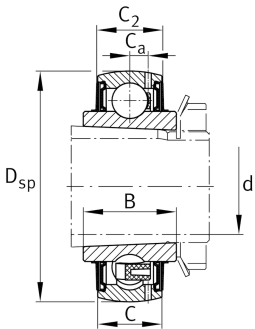
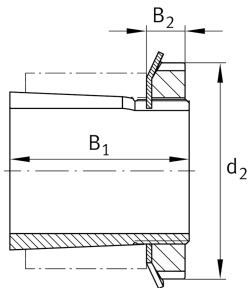


**FAG****UK205**

Radial insert ball bearing

Radial insert ball bearings UK, spherical outer ring, location by adapter sleeve, RSR seals on both sides

Technical information

**Main Dimensions & Performance Data**

| | | |
|-------------|----------|-----------------------------------|
| D_{SP} | 52 mm | Outside diameter |
| B | 23 mm | Width |
| C_{0r} | 7.800 N | Basic static load rating, radial |
| C_{ur} | 410 N | Fatigue load limit, radial |
| C_r | 14.900 N | Basic dynamic load rating, radial |
| $\approx m$ | 0,25 kg | Weight |

Dimensions

| | | |
|-------|---------|---|
| C | 17 mm | Width, outer ring |
| C_2 | 17,6 mm | Sealing total width |
| C_a | 4,2 mm | Distance to lubrication hole |
| d_3 | 38 mm | Outside diameter locking collar/locknut |
| B_2 | 8 mm | Width nut and lock |

Temperature range

| | | |
|-----------|--------|----------------------------|
| T_{min} | -20 °C | Operating temperature min. |
| T_{max} | 120 °C | Operating temperature max. |

Calculation factors








| | | |
|-------|------|--------------------|
| f_0 | 13,8 | Calculation factor |
|-------|------|--------------------|



Additional information

| | |
|-------------|----------------|
| H2305-J30QH | Adapter sleeve |
| KM5 | Locknut |
| MB5 | Fuse |
| H.H2305 | Sleeve |

Characteristics

-  Radial load
-  Axial load in one direction
-  Axial load in two directions
-  Lifetime lubrication, freedom from maintenance
-  Grease Lubrication
-  Sealed on both sides
-  Static angular error and misalignment