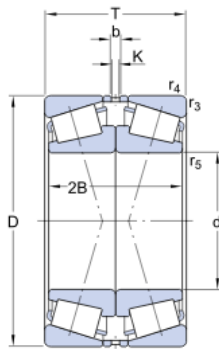




32230/DF Tapered roller bearings, single row, matched face-to-face

Tapered roller bearings, single row, matched face-to-face

Technical specification

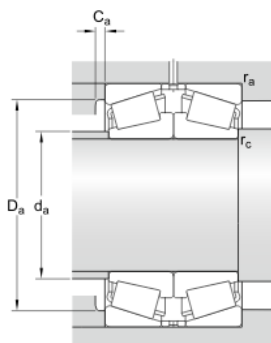


DIMENSIONS

| | | |
|------------------|-----------|--|
| d | 150 mm | Bore diameter |
| D | 270 mm | Outside diameter |
| T | 154 mm | Total bearing width |
| 2B | 146 mm | Total bearing width over inner rings |
| b | 10.5 mm | Width annular lubrication groove at spacer ring |
| K | 7.5 mm | Diameter lubrication hole (spacer ring) |
| r _{3,4} | min. 3 mm | Corner radius outer ring |
| r ₅ | min. 1 mm | Chamfer dimension on the small side face of the inner ring |

ABUTMENT DIMENSIONS

| | | |
|----------------|-------------|---|
| d _a | max. 171 mm | Abutment diameter shaft |
| D _a | min. 226 mm | Abutment diameter housing |
| D _a | max. 256 mm | Abutment diameter housing |
| C _a | min. 8 mm | Abutment housing - axial space at the large side face/ both sides of the outer ring |



| | | |
|-------|-----------|---------------|
| r_a | max. 4 mm | Fillet radius |
| r_c | max. 1 mm | Fillet radius |

CALCULATION DATA

| | | |
|-------|------------|---------------------------|
| C | 1341 kN | Basic dynamic load rating |
| C_0 | 2280 kN | Basic static load rating |
| P_u | 224 kN | Fatigue load limit |
| | 1400 r/min | Reference speed |
| | 2400 r/min | Limiting speed |
| e | 0.43 | Calculation factor |
| Y_1 | 1.6 | Calculation factor |
| Y_2 | 2.3 | Calculation factor |
| Y_0 | 1.6 | Calculation factor |

MASS

| | | |
|--|---------|-------------------|
| | 37.3 kg | Mass bearing pair |
|--|---------|-------------------|

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