



30217 Tapered roller bearings, single row

- Popular item
- SKF Explorer

Tapered roller bearings, single row

Technical specification

3EB

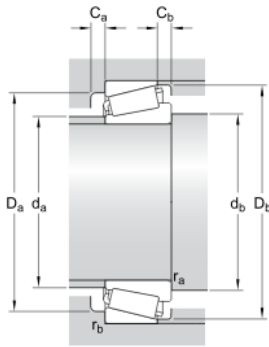


DIMENSIONS

d	85 mm	Bore diameter
D	150 mm	Outside diameter
T	30.5 mm	Total bearing width
d ₁	≈ 112 mm	Inner ring shoulder diameter
B	28 mm	Width inner ring
C	24 mm	Width outer ring
r _{1,2}	min. 2.5 mm	Corner radius inner ring
r _{3,4}	min. 2 mm	Corner radius outer ring
a	29.648 mm	Distance pressure point

ABUTMENT DIMENSIONS

d _a	max. 97 mm	Abutment diameter shaft
d _b	min. 97 mm	Abutment diameter shaft
D _a	min. 132 mm	Abutment diameter housing



D_a	max. 140 mm	Abutment diameter housing
D_b	min. 141 mm	Abutment diameter housing
C_a	min. 5 mm	Abutment housing - axial space at the large side face/ both sides of the outer ring
C_b	min. 6.5 mm	Abutment housing - axial space at the small side face/ both sides of the outer ring
r_a	max. 2.5 mm	Fillet radius
r_b	max. 2 mm	Fillet radius

CALCULATION DATA

C	216 kN	Basic dynamic load rating
C_0	220 kN	Basic static load rating
P_u	25.5 kN	Fatigue load limit
	3600 r/min	Reference speed
	4300 r/min	Limiting speed
e	0.43	Calculation factor
Y	1.4	Calculation factor
Y_0	0.8	Calculation factor

MASS

	2.05 kg	Mass bearing
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