



30213 Tapered roller bearings, single row

- Popular item
- SKF Explorer

Tapered roller bearings, single row

Technical specification

3EB

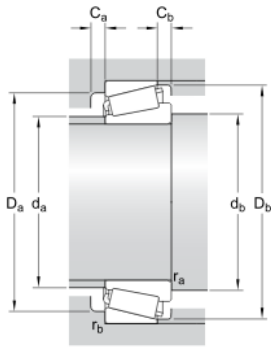


DIMENSIONS

d	65 mm	Bore diameter
D	120 mm	Outside diameter
T	24.75 mm	Total bearing width
d ₁	≈ 89 mm	Inner ring shoulder diameter
B	23 mm	Width inner ring
C	20 mm	Width outer ring
r _{1,2}	min. 2 mm	Corner radius inner ring
r _{3,4}	min. 1.5 mm	Corner radius outer ring
a	23.054 mm	Distance pressure point

ABUTMENT DIMENSIONS

d _a	max. 78 mm	Abutment diameter shaft
d _b	min. 75.5 mm	Abutment diameter shaft
D _a	min. 106 mm	Abutment diameter housing
D _b	max. 111.5	Abutment diameter housing



	mm	
D_b	min. 113 mm	Abutment diameter housing
C_a	min. 4 mm	Abutment housing - axial space at the large side face/ both sides of the outer ring
C_b	min. 4.5 mm	Abutment housing - axial space at the small side face/ both sides of the outer ring
r_a	max. 2 mm	Fillet radius
r_b	max. 1.5 mm	Fillet radius

CALCULATION DATA

C	141 kN	Basic dynamic load rating
C_0	134 kN	Basic static load rating
P_u	16.3 kN	Fatigue load limit
	4500 r/min	Reference speed
	5600 r/min	Limiting speed
e	0.4	Calculation factor
Y	1.5	Calculation factor
Y_0	0.8	Calculation factor

MASS

	1.12 kg	Mass bearing
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