



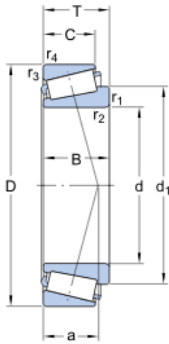
33215 Tapered roller bearings, single row

- Popular item
- SKF Explorer

Tapered roller bearings, single row

Technical specification

3DE



DIMENSIONS

d	75 mm	Bore diameter
D	130 mm	Outside diameter
T	41 mm	Total bearing width
d_1	≈ 102.92 mm	Inner ring shoulder diameter
B	41 mm	Width inner ring
C	31 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	31.664 mm	Distance pressure point

ABUTMENT DIMENSIONS

d_a	max. 84 mm	Abutment diameter shaft
d_b	min. 86 mm	Abutment diameter shaft
D_a	min. 111 mm	Abutment diameter housing
D_a	max. 121.5	Abutment diameter housing



	mm	
D_b	min. 125 mm	Abutment diameter housing
C_a	min. 6 mm	Abutment housing - axial space at the large side face/ both sides of the outer ring
C_b	min. 10 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	255 kN	Basic dynamic load rating
C_0	300 kN	Basic static load rating
P_u	34 kN	Fatigue load limit
	3600 r/min	Reference speed
	4800 r/min	Limiting speed
e	0.43	Calculation factor
Y	1.4	Calculation factor
Y_0	0.8	Calculation factor

MASS

	2.19 kg	Mass bearing
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