



32305 Tapered roller bearings, single row

- Popular item
- SKF Explorer

Tapered roller bearings, single row

Technical specification

2FD

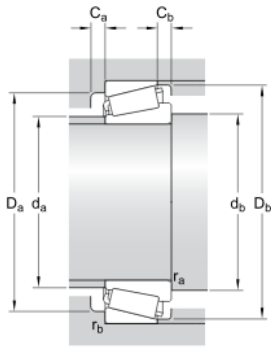


DIMENSIONS

d	25 mm	Bore diameter
D	62 mm	Outside diameter
T	25.25 mm	Total bearing width
d_1	≈ 41.7 mm	Inner ring shoulder diameter
B	24 mm	Width inner ring
C	20 mm	Width outer ring
$r_{1,2}$	min. 1.5 mm	Corner radius inner ring
$r_{3,4}$	min. 1.5 mm	Corner radius outer ring
a	15.236 mm	Distance pressure point

ABUTMENT DIMENSIONS

d_a	max. 33 mm	Abutment diameter shaft
d_b	min. 33 mm	Abutment diameter shaft
D_a	min. 52 mm	Abutment diameter housing
D_b	max. 55 mm	Abutment diameter housing



D_b	min. 57 mm	Abutment diameter housing
C_a	min. 3 mm	Abutment housing - axial space at the large side face/ both sides of the outer ring
C_b	min. 5 mm	Abutment housing - axial space at the small side face/ both sides of the outer ring
r_a	max. 1.5 mm	Fillet radius
r_b	max. 1.5 mm	Fillet radius

CALCULATION DATA

C	74.1 kN	Basic dynamic load rating
C_0	63 kN	Basic static load rating
P_u	7.1 kN	Fatigue load limit
	9000 r/min	Reference speed
	12000 r/min	Limiting speed
e	0.3	Calculation factor
Y	2	Calculation factor
Y_0	1.1	Calculation factor

MASS

	0.36 kg	Mass bearing
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