



322/28 B Tapered roller bearings, single row

- Popular item
- SKF Explorer

Tapered roller bearings, single row

Technical specification

5CD

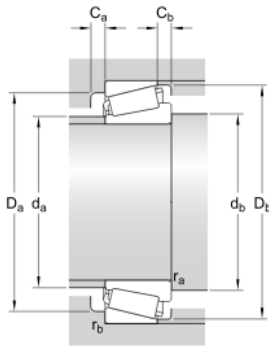


DIMENSIONS

d	28 mm	Bore diameter
D	58 mm	Outside diameter
T	20.25 mm	Total bearing width
d_1	≈ 43.9 mm	Inner ring shoulder diameter
B	19 mm	Width inner ring
C	16 mm	Width outer ring
$r_{1,2}$	min. 1 mm	Corner radius inner ring
$r_{3,4}$	min. 1 mm	Corner radius outer ring
a	16.689 mm	Distance pressure point

ABUTMENT DIMENSIONS

d_a	max. 33 mm	Abutment diameter shaft
d_b	min. 35 mm	Abutment diameter shaft
D_a	min. 46 mm	Abutment diameter housing



D_a	max. 52 mm	Abutment diameter housing
D_b	min. 55 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. 4 mm	Abutment housing - axial space at the small side face/ both sides of the outer ring
r_a	max. 1 mm	Fillet radius
r_b	max. 1 mm	Fillet radius

CALCULATION DATA

C	51.9 kN	Basic dynamic load rating
C_0	50 kN	Basic static load rating
P_u	5.5 kN	Fatigue load limit
	9500 r/min	Reference speed
	12000 r/min	Limiting speed
e	0.57	Calculation factor
Y	1.05	Calculation factor
Y_0	0.6	Calculation factor

MASS

	0.25 kg	Mass bearing
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