



32303 Tapered roller bearings, single row

- Popular item
- SKF Explorer

Tapered roller bearings, single row

Technical specification

2FD

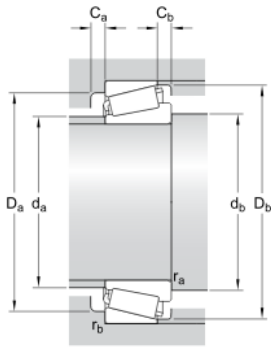


DIMENSIONS

d	17 mm	Bore diameter
D	47 mm	Outside diameter
T	20.25 mm	Total bearing width
d ₁	≈ 30.7 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	12.15 mm	Distance pressure point

ABUTMENT DIMENSIONS

d _a	max. 24 mm	Abutment diameter shaft
d _b	min. 23.5 mm	Abutment diameter shaft
D _a	min. 39 mm	Abutment diameter housing



D_a	max. 41.5 mm	Abutment diameter housing
D_b	min. 43 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	42.8 kN	Basic dynamic load rating
C_0	33.5 kN	Basic static load rating
P_u	3.65 kN	Fatigue load limit
	12000 r/min	Reference speed
	16000 r/min	Limiting speed
e	0.28	Calculation factor
Y	2.1	Calculation factor
Y_0	1.1	Calculation factor

MASS

	0.17 kg	Mass bearing
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