



32319 Tapered roller bearings, single row

- Popular item

Tapered roller bearings, single row

Technical specification

2GD

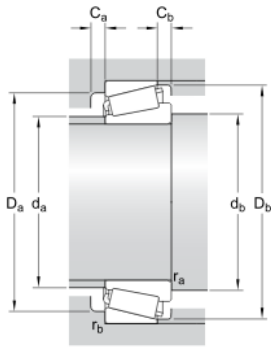


DIMENSIONS

d	95 mm	Bore diameter
D	200 mm	Outside diameter
T	71.5 mm	Total bearing width
d_1	≈ 141.33 mm	Inner ring shoulder diameter
B	67 mm	Width inner ring
C	55 mm	Width outer ring
$r_{1,2}$	min. 4 mm	Corner radius inner ring
$r_{3,4}$	min. 3 mm	Corner radius outer ring
a	47.102 mm	Distance pressure point

ABUTMENT DIMENSIONS

d_a	max. 115 mm	Abutment diameter shaft
d_b	min. 111 mm	Abutment diameter shaft
D_a	min. 166 mm	Abutment diameter housing
D_b	max. 187.5	Abutment diameter housing



	mm	
D_b	min. 186 mm	Abutment diameter housing
C_a	min. 8 mm	Abutment housing - axial space at the large side face/ both sides of the outer ring
C_b	min. 16.5 mm	Abutment housing - axial space at the small side face/ both sides of the outer ring
r_a	max. 4 mm	Fillet radius
r_b	max. 3 mm	Fillet radius

CALCULATION DATA

C	535 kN	Basic dynamic load rating
C_0	670 kN	Basic static load rating
P_u	72 kN	Fatigue load limit
	2400 r/min	Reference speed
	3400 r/min	Limiting speed
e	0.35	Calculation factor
Y	1.7	Calculation factor
Y_0	0.9	Calculation factor

MASS

	9.79 kg	Mass bearing
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