



32321 Tapered roller bearings, single row

- Popular item

Tapered roller bearings, single row

Technical specification

2GD



DIMENSIONS

d	105 mm	Bore diameter
D	225 mm	Outside diameter
T	81.5 mm	Total bearing width
d_1	≈ 158.93 mm	Inner ring shoulder diameter
B	77 mm	Width inner ring
C	63 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	53.307 mm	Distance pressure point

ABUTMENT DIMENSIONS

d_a	max. 129 mm	Abutment diameter shaft
d_b	min. 121 mm	Abutment diameter shaft
D_a	min. 185	Abutment diameter housing



	mm	
D_a	max. 212 mm	Abutment diameter housing
D_b	min. 209 mm	Abutment diameter housing
C_a	min. 9 mm	Abutment housing - axial space at the large side face/ both sides of the outer ring
C_b	min. 18.5 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	645 kN	Basic dynamic load rating
C_0	815 kN	Basic static load rating
P_u	85 kN	Fatigue load limit
	2000 r/min	Reference speed
	3000 r/min	Limiting speed
e	0.35	Calculation factor
Y	1.7	Calculation factor
Y_0	0.9	Calculation factor

MASS

	14.1 kg	Mass bearing
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