



32232 Tapered roller bearings, single row

- Popular item

Tapered roller bearings, single row

Technical specification

4GD

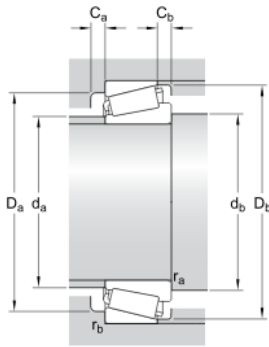


DIMENSIONS

d	160 mm	Bore diameter
D	290 mm	Outside diameter
T	84 mm	Total bearing width
d_1	≈ 222.11 mm	Inner ring shoulder diameter
B	80 mm	Width inner ring
C	67 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	69.591 mm	Distance pressure point

ABUTMENT DIMENSIONS

d_a	max. 183 mm	Abutment diameter shaft
d_b	min. 177.5 mm	Abutment diameter shaft
D_a	min. 242 mm	Abutment diameter housing



D_a	max. 276 mm	Abutment diameter housing
D_b	min. 274 mm	Abutment diameter housing
C_a	min. 10 mm	Abutment housing - axial space at the large side face/ both sides of the outer ring
C_b	min. 17 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	934 kN	Basic dynamic load rating
C_0	1400 kN	Basic static load rating
P_u	132 kN	Fatigue load limit
	1600 r/min	Reference speed
	2200 r/min	Limiting speed
e	0.43	Calculation factor
Y	1.4	Calculation factor
Y_0	0.8	Calculation factor

MASS

	23.2 kg	Mass bearing
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