



32228 Tapered roller bearings, single row

- Popular item

Tapered roller bearings, single row

Technical specification

4FD

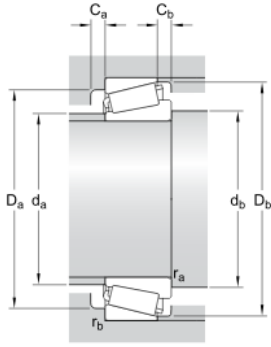


DIMENSIONS

d	140 mm	Bore diameter
D	250 mm	Outside diameter
T	71.75 mm	Total bearing width
d_1	≈ 191.53 mm	Inner ring shoulder diameter
B	68 mm	Width inner ring
C	58 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	59.503 mm	Distance pressure point

ABUTMENT DIMENSIONS

d_a	max. 159 mm	Abutment diameter shaft
d_b	min. 156.5 mm	Abutment diameter shaft
D_a	min. 210 mm	Abutment diameter housing



D_a	max. 236.5 mm	Abutment diameter housing
D_b	min. 238 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. 13.5 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	691 kN	Basic dynamic load rating
C_0	1000 kN	Basic static load rating
P_u	100 kN	Fatigue load limit
	1900 r/min	Reference speed
	2600 r/min	Limiting speed
e	0.43	Calculation factor
Y	1.4	Calculation factor
Y_0	0.8	Calculation factor

MASS

	14.2 kg	Mass bearing
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