



32226 Tapered roller bearings, single row

- Popular item

Tapered roller bearings, single row

Technical specification

4FD

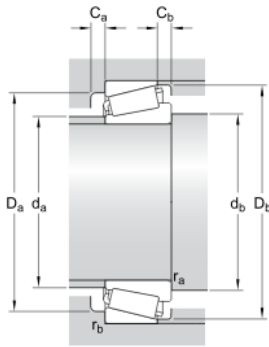


DIMENSIONS

d	130 mm	Bore diameter
D	230 mm	Outside diameter
T	67.75 mm	Total bearing width
d ₁	≈ 176 mm	Inner ring shoulder diameter
B	64 mm	Width inner ring
C	54 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	55.503 mm	Distance pressure point

ABUTMENT DIMENSIONS

d _a	max. 146 mm	Abutment diameter shaft
d _b	min. 146.5 mm	Abutment diameter shaft
D _a	min. 193 mm	Abutment diameter housing



D_a	max. 216.5 mm	Abutment diameter housing
D_b	min. 219 mm	Abutment diameter housing
C_a	min. 7 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	590 kN	Basic dynamic load rating
C_0	830 kN	Basic static load rating
P_u	85 kN	Fatigue load limit
	2000 r/min	Reference speed
	2800 r/min	Limiting speed
e	0.43	Calculation factor
Y	1.4	Calculation factor
Y_0	0.8	Calculation factor

MASS

	11.2 kg	Mass bearing
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