



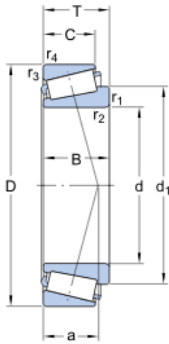
32240 Tapered roller bearings, single row

- Popular item

Tapered roller bearings, single row

Technical specification

3GD

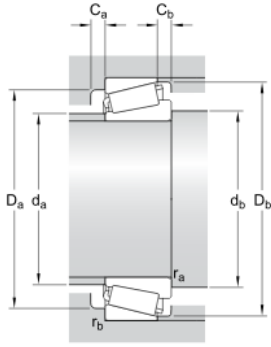


DIMENSIONS

d	200 mm	Bore diameter
D	360 mm	Outside diameter
T	104 mm	Total bearing width
d ₁	≈ 274.5 mm	Inner ring shoulder diameter
B	98 mm	Width inner ring
C	82 mm	Width outer ring
r _{1,2}	min. 4 mm	Corner radius inner ring
r _{3,4}	min. 4 mm	Corner radius outer ring
a	82.441 mm	Distance pressure point

ABUTMENT DIMENSIONS

d _a	max. 231 mm	Abutment diameter shaft
d _b	min. 218 mm	Abutment diameter shaft
D _a	min. 302	Abutment diameter housing



	mm	
D_a	max. 343 mm	Abutment diameter housing
D_b	min. 340 mm	Abutment diameter housing
C_a	min. 11 mm	Abutment housing - axial space at the large side face/ both sides of the outer ring
C_b	min. 22 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. 4 mm	Fillet radius

CALCULATION DATA

C	1300 kN	Basic dynamic load rating
C_0	2000 kN	Basic static load rating
P_u	180 kN	Fatigue load limit
	1300 r/min	Reference speed
	1700 r/min	Limiting speed
e	0.4	Calculation factor
Y	1.5	Calculation factor
Y_0	0.8	Calculation factor

MASS

	42.4 kg	Mass bearing
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