



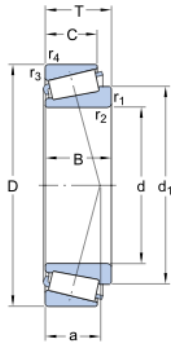
30216 Tapered roller bearings, single row

- Popular item
- SKF Explorer

Tapered roller bearings, single row

Technical specification

3EB

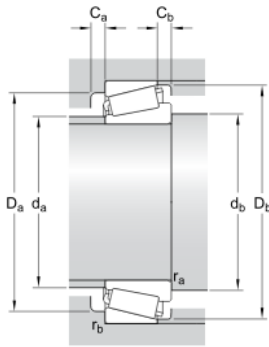


DIMENSIONS

d	80 mm	Bore diameter
D	140 mm	Outside diameter
T	28.25 mm	Total bearing width
d ₁	≈ 105 mm	Inner ring shoulder diameter
B	26 mm	Width inner ring
C	22 mm	Width outer ring
r _{1,2}	min. 2.5 mm	Corner radius inner ring
r _{3,4}	min. 2 mm	Corner radius outer ring
a	27.531 mm	Distance pressure point

ABUTMENT DIMENSIONS

d _a	max. 92 mm	Abutment diameter shaft
d _b	min. 92 mm	Abutment diameter shaft
D _a	min. 124 mm	Abutment diameter housing



D_a	max. 130 mm	Abutment diameter housing
D_b	min. 132 mm	Abutment diameter housing
C_a	min. 4 mm	Abutment housing - axial space at the large side face/ both sides of the outer ring
C_b	min. 6 mm	Abutment housing - axial space at the small side face/ both sides of the outer ring
r_a	max. 2.5 mm	Fillet radius
r_b	max. 2 mm	Fillet radius

CALCULATION DATA

C	184 kN	Basic dynamic load rating
C_0	183 kN	Basic static load rating
P_u	21.2 kN	Fatigue load limit
	3800 r/min	Reference speed
	4800 r/min	Limiting speed
e	0.43	Calculation factor
Y	1.4	Calculation factor
Y_0	0.8	Calculation factor

MASS

	1.62 kg	Mass bearing
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