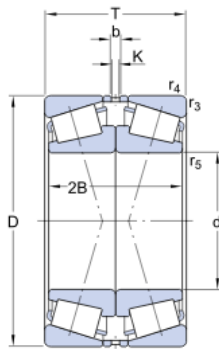




32220/DF Tapered roller bearings, single row, matched face-to-face

Tapered roller bearings, single row, matched face-to-face

Technical specification

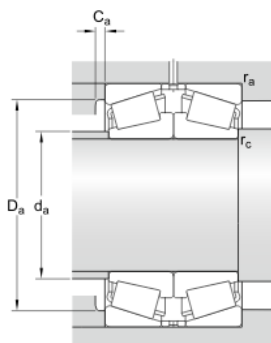


DIMENSIONS

d	100 mm	Bore diameter
D	180 mm	Outside diameter
T	98 mm	Total bearing width
2B	92 mm	Total bearing width over inner rings
b	8 mm	Width annular lubrication groove at spacer ring
K	6 mm	Diameter lubrication hole (spacer ring)
r _{3,4}	min. 2.5 mm	Corner radius outer ring
r ₅	min. 1 mm	Chamfer dimension on the small side face of the inner ring

ABUTMENT DIMENSIONS

d _a	max. 115 mm	Abutment diameter shaft
D _a	min. 154 mm	Abutment diameter housing
D _a	max. 168.5 mm	Abutment diameter housing
C _a	min. 5 mm	Abutment housing - axial space at the large side face/ both sides of the outer ring
r _a	max. 3 mm	Fillet radius



r_c max. 1 mm

Fillet radius

CALCULATION DATA

C	668 kN	Basic dynamic load rating
C_0	880 kN	Basic static load rating
P_u	96.5 kN	Fatigue load limit
	2400 r/min	Reference speed
	3600 r/min	Limiting speed
e	0.43	Calculation factor
Y_1	1.6	Calculation factor
Y_2	2.3	Calculation factor
Y_0	1.6	Calculation factor

MASS

	10.2 kg	Mass bearing pair
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