



32024 X/DF

- Popular item
- SKF Explorer

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

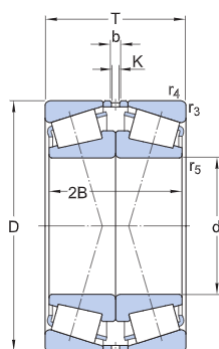
Bearing data

[Tolerances](#),
Normal + CL7C, P5, total width,
[Internal clearance](#),
values

Bearing interfaces

[Seat tolerances for standard conditions](#),
[Tolerances and resultant fit](#)

Technical specification

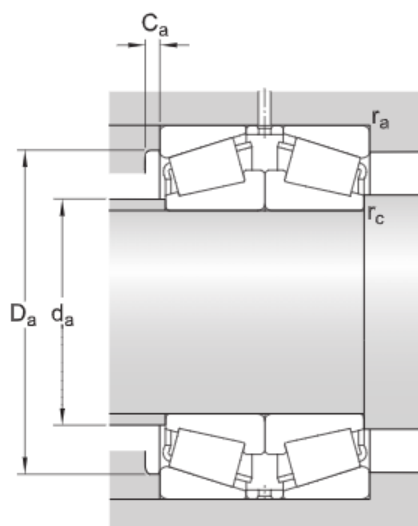


DIMENSIONS

d	120 mm	Bore diameter
D	180 mm	Outside diameter
T	76 mm	Total bearing width
2B	76 mm	Total bearing width over inner rings
b	10 mm	Width annular lubrication groove at spacer ring
K	7.5 mm	Diameter lubrication hole (spacer ring)
r3,4	min.2 mm	Corner radius outer ring
r5	min.0.6 mm	Chamfer dimension on the small side face of the inner ring

ABUTMENT DIMENSIONS

da	max.132 mm	Abutment diameter shaft
Da	min.161 mm	Abutment diameter housing
Da	max.169 mm	Abutment diameter housing
	min.7	Abutment housing - axial space at the large



Ca mm side face/ both sides of the outer ring

max.2.5
ra mm Fillet radius

max.0.6
rc mm Fillet radius

CALCULATION DATA

Basic dynamic load rating	C	513 kN
Basic static load rating	C_0	830 kN
Fatigue load limit	P_u	85 kN
Reference speed		2 200 r/min
Limiting speed		3 400 r/min
Calculation factor	e	0.46
Calculation factor	Y_1	1.5
Calculation factor	Y_2	2.2
Calculation factor	Y_0	1.4

MASS

Mass bearing pair	6.77 kg
-------------------	---------