



32024 X/DF

Popular item
SKF Explorer

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

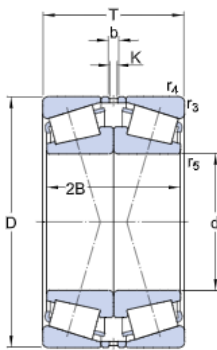
Bearing data

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

Bearing interfaces

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

Technical specification

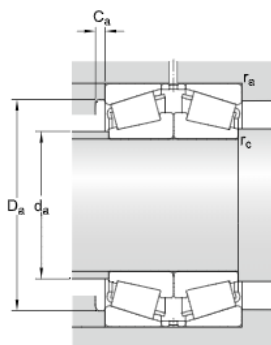


DIMENSIONS

d	120 mm
D	180 mm
T	76 mm
2B	76 mm
b	10 mm
K	7.5 mm
$r_{3,4}$	min. 2 mm
r_5	min. 0.6 mm

ABUTMENT DIMENSIONS

d_a	max. 132 mm
D_a	min. 161 mm
D_a	max. 169 mm
C_a	min. 7 mm
r_a	max. 2.5 mm
r_c	max. 0.6 mm



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	
Calculation factor	Y ₂	1.3
Calculation factor	Y ₀	0.7

MASS

Mass bearing pair	6.77 kg
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More information

<p>Product details</p> <ul style="list-style-type: none"> Designs and variants Bearing data Loads Temperature limits Permissible speed Design considerations Bearing designations Designation system 	<p>Engineering information</p> <ul style="list-style-type: none"> Principles of rolling bearing selection General bearing knowledge Bearing selection process Bearing failure and how to prevent it 	<p>Tools</p> <ul style="list-style-type: none"> SimPro Quick Bearing Select Engineering Calculator LubeSelect for SKF greases Heater Selection Tool Oil Injection Method Program skf.com/mount
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