



32306

Popular item
SKF Explorer

Tapered roller bearings, single row

Bearing data

[Tolerances,](#)

Normal and CL7C, CLN, Normal and CL, deviating width

Bearing interfaces

[Seat tolerances for standard conditions,](#)

[Tolerances and resultant fit](#)

Technical specification

Dimension series

2FD



DIMENSIONS

d	30 mm
D	72 mm
T	28.75 mm
d ₁	≈ 48.7 mm
B	27 mm
C	23 mm
r _{1,2}	min. 1.5 mm
r _{3,4}	min. 1.5 mm
a	17.569 mm

ABUTMENT DIMENSIONS

d _a	max. 39 mm
d _b	min. 38 mm
D _a	min. 59 mm
D _a	max. 65 mm



D_b	min. 66 mm
C_a	min. 4 mm
C_b	min. 5.5 mm
r_a	max. 1.5 mm
r_b	max. 1.5 mm

CALCULATION DATA

Basic dynamic load rating	C	95 kN
Basic static load rating	C_0	85 kN
Fatigue load limit	P_u	9.65 kN
Reference speed		7 500 r/min
Limiting speed		10 000 r/min
Calculation factor	e	0.31
Calculation factor	Y	1.9
Calculation factor	Y_0	1.1

MASS

Mass bearing	0.55 kg
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More information

<p>Product details</p> <p>Designs and variants</p> <hr/> <p>Bearing data</p> <hr/> <p>Loads</p> <hr/> <p>Temperature limits</p> <hr/> <p>Permissible speed</p> <hr/> <p>Design considerations</p> <hr/> <p>Bearing designations</p> <hr/> <p>Designation system</p> <hr/>	<p>Engineering information</p> <p>Principles of rolling bearing selection</p> <hr/> <p>General bearing knowledge</p> <hr/> <p>Bearing selection process</p> <hr/> <p>Bearing failure and how to prevent it</p> <hr/>	<p>Tools</p> <p>SimPro Quick</p> <hr/> <p>Bearing Select</p> <hr/> <p>Engineering Calculator</p> <hr/> <p>LubeSelect for SKF greases</p> <hr/> <p>Heater Selection Tool</p> <hr/> <p>Oil Injection Method Program</p> <hr/> <p>skf.com/mount</p> <hr/>
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