

L 432349/310

Popular item SKF Explorer

Tapered roller bearings, single row

Bearing data

Tolerances,

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

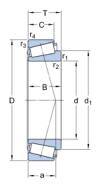
Bearing interfaces

Seat tolerances for standard conditions,

Tolerances and resultant fit

Technical specification

Dimension series L 432300



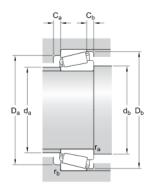
DIMENSIONS

d	158.75 mm
D	205.583 mm
Т	23.813 mm
d_1	≈ 181.5 mm
В	23.812 mm
С	18.258 mm
r _{1,2}	min. 1.5 mm
r _{3,4}	min. 1.5 mm
a	32.748 mm

ABUTMENT DIMENSIONS

d _a	max. 172 mm
d_b	min. 170 mm
D _a	min. 194 mm
D _a	max. 195 mm





D_b	min. 197 mm
C_{a}	min. 5 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	С	168 kN
Basic static load rating	C_0	280 kN
Fatigue load limit	P_{u}	27 kN
Reference speed		2200 r/min
Limiting speed		2800 r/min
Calculation factor	е	0.37
Calculation factor	Υ	1.6
Calculation factor	Y ₀	0.9

MASS

Mass bearing	1.95 kg
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More information

Designs	Designs			SimPro	SimPro	
and variants	and variants	of rolling of bearing bearing bearing ceneral bearing k bearing k bearing k bearing k bearing k bearing ceneral bearing ceneral bearing ceneral bearing ceneral bearing ceneral bearing selection selection selection bearing ceneral bearing selection ceneral bearing bearing selection ceneral bearing bearing selection ceneral bearing bearing selection ceneral bearing	Principles of rolling	Quick ——— Bearing	Quick ——— Bearing	
Bearing data	Bearing data		selection	bearing -selection General	Select	Select
Loads	Loads		bearing k nowledge	Engineer ing Calcul ator	Engineer ing Calcul ator	
Tempera ture limits	Tempera ture limits		Bearing selection process	LubeSele ct for SKF greases	LubeSele ct for SKF greases	
Permissi ble speed	Permissi ble speed	Bearing failure	Bearing failure	Heater Selection	Heater Selection	
Design c onsiderati ons	Design c onsiderati ons	and how to prevent it	and how to prevent it	Tool Oil Injection Method	Tool Oil Injection Method	
Bearing designati ons	Bearing designati ons			Program skf.com/ mount	Program skf.com/ mount	
Designati on system	Designati on system					

5KF.



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