



431884 A

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

4FB

Technical specification

Dimension series

 r_{4}

DIMENSIONS

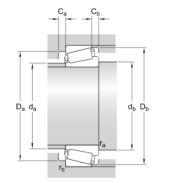
d	355.65 mm
D	482.65 mm
Т	60.32 mm
d ₁	≈ 407.715 mm
В	55.56 mm
С	38.1 mm
r _{1,2}	min. 7 mm
r _{3,4}	min. 7 mm
a	92 mm

ABUTMENT DIMENSIONS

d _a	max. 383 mm
d _b	min. 388 mm
D _a	min. 430 mm
D _a	max. 450 mm







D _b	min. 447 mm
C _a	min. 7 mm
C _b	min. 22 mm
r _a	max. 6.6 mm
r _b	max. 6.6 mm

CALCULATION DATA

Basic dynamic load rating	С	572 kN
Basic static load rating	C ₀	1200 kN
Fatigue load limit	P _u	98 kN
Reference speed		850 r/min
Limiting speed		1300 r/min
Calculation factor	е	0.48
Calculation factor	Y	1.25
Calculation factor	Y ₀	0.7

MASS

Mass bearing	26.5 kg
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More information

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



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