



315265

Cylindrical roller bearings, four-row

Bearing data

[Tolerances,](#)

P6, P5,

[Radial internal clearance,](#)

cylindrical bore, tapered bore

Bearing interfaces

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

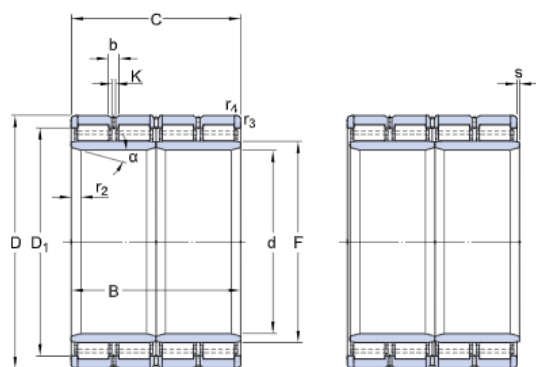
Technical specification

DESIGN

Design variant/feature

BC4.10/W33WI

DIMENSIONS



d	937.5 mm
D	1 270.25 mm
B	825.5 mm
C	825.5 mm
D ₁	≈ 1 163 mm
F	1 027 mm
b	22.3 mm
K	12 mm
r _{1,2}	min. 27 mm
α	20 °
r _{3,4}	min. 4 mm

CALCULATION DATA

Basic dynamic load rating	C	28 100 kN
Basic static load rating	C ₀	83 000 kN

Fatigue load limit	P_u	5 300 kN
Calculation factor	k_r	670

MASS

Mass bearing	3 160 kg
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More information

Product details Designs and variants Bearing data Loads Temperature limits Mounting Designation system	Engineering information Principles of rolling bearing selection General bearing knowledge Bearing selection process Bearing failure and how to prevent it	Tools SimPro Quick Bearing Select Engineering Calculator LubeSelect for SKF greases Heater selection tool Oil Injection Method Program
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