



312979 D

## 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](#)

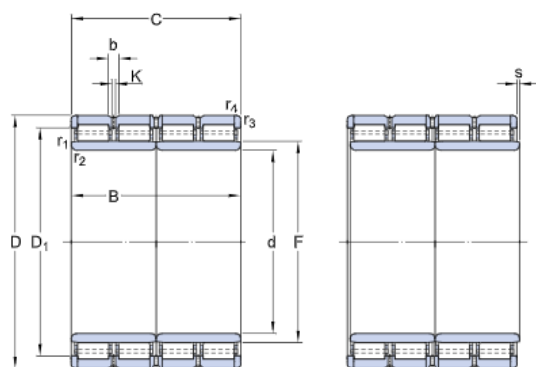
## Technical specification

## DESIGN

Design variant/feature

BC4.10/W33WI

## DIMENSIONS



d	760 mm
D	1 080 mm
B	790 mm
C	790 mm
D <sub>1</sub>	≈ 974 mm
F	846 mm
b	22.3 mm
K	12 mm
r <sub>1,2</sub>	min. 7.5 mm
r <sub>3,4</sub>	min. 7.5 mm

## CALCULATION DATA

Basic dynamic load rating	C	23 800 kN
Basic static load rating	C <sub>0</sub>	65 500 kN
Fatigue load limit	P <sub>u</sub>	4 400 kN

Calculation factor

 $k_r$ 

760

## MASS

Mass bearing

2 440 kg

## 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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