



315189 A

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

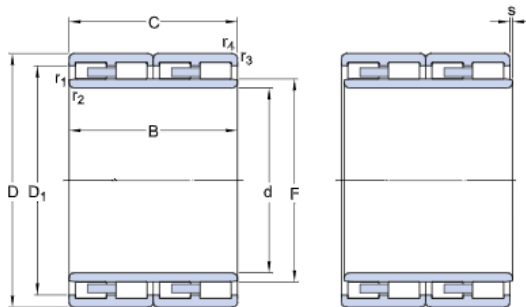
Technical specification

DESIGN

Design variant/feature

BC4.1/W0

DIMENSIONS



d	160 mm
D	230 mm
B	168 mm
C	168 mm
D ₁	≈ 203.9 mm
F	179 mm
r _{1,2}	min. 2 mm
r _{3,4}	min. 2 mm
s	3 mm

CALCULATION DATA

Basic dynamic load rating	C	1 120 kN
Basic static load rating	C ₀	2 200 kN
Fatigue load limit	P _u	240 kN
Calculation factor	k _r	

MASS

Mass bearing

23.5 kg

More information

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

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