



CRM 24 A

Cylindrical roller bearings, single row

Bearing data

Tolerances,

Normal (metric), P6, Normal (inch),

Radial internal clearance,

cylindrical bore, tapered bore,

Axial internal clearance,

NUP, NJ + HJ

Bearing interfaces

Seat tolerances for standard conditions,

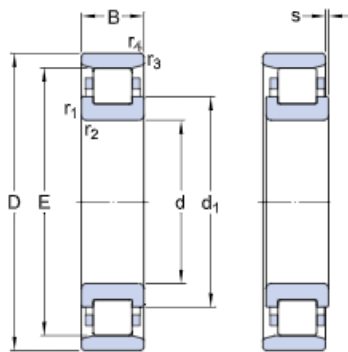
Tolerances and resultant fit

Technical specification

Aftermarket only

Yes

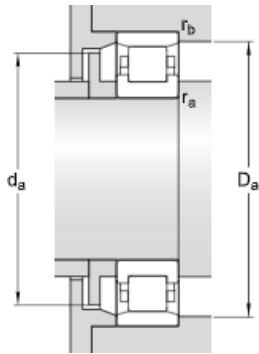
DIMENSIONS



d	76.2 mm
D	177.8 mm
B	39.688 mm
d ₁	≈ 112.7 mm
E	158 mm
r _{1,2}	min. 4 mm
r _{3,4}	min. 4 mm
s	max. 2.6 mm

ABUTMENT DIMENSIONS

d _a	min. 93 mm
d _a	max. 155 mm
D _a	min. 160 mm
D _a	max. 161 mm
r _a	max. 3 mm

 r_b

max. 3 mm

CALCULATION DATA

Basic dynamic load rating	C	281 kN
Basic static load rating	C_0	305 kN
Fatigue load limit	P_u	37.5 kN
Reference speed		3 800 r/min
Limiting speed		4 800 r/min
Calculation factor	k_r	0.12
Limiting value	e	0.2
Axial load factor	Y	0.6

MASS

Mass bearing	4.55 kg
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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
Permissible speed		Heater selection tool
Design considerations		Oil Injection Method Program
Designation system		Rolling bearings mounting and dismounting instructions

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