

RNA 2205.2RS

Support rollers, without flange rings,
without an inner ring

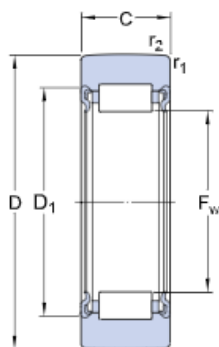
Bearing data

[Tolerances,](#)
Normal, Other,
[Radial internal clearance,](#)
table

Bearing interfaces

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

Technical specification



DIMENSIONS

D	52 mm
F_w	30 mm
C	17.8 mm
D_1	38 mm
$r_{1,2}$	min. 1 mm

CALCULATION DATA

Basic dynamic load rating	C	16.8 kN
Basic static load rating	C_0	20 kN
Fatigue load limit	P_u	2.4 kN
Maximum dynamic radial load	F_r	max. 17.3 kN
Maximum static radial load	F_{0r}	max. 24.5 kN
Limiting speed		3 400 r/min

MASS

Mass support roller

0.18 kg

More information

Product details

[Designs and variants](#)[Lubrication](#)[Support roller data](#)[Loads](#)[Temperature limits](#)[Speed limits](#)[Design considerations](#)[Mounting](#)[Designation system](#)

Engineering information

[Principles of rolling bearing selection](#)[General bearing knowledge](#)[Bearing selection process](#)[Bearing interfaces](#)[Lubrication](#)[External sealing, mounting and dismounting](#)[Bearing failure and how to prevent it](#)

Tools

[Bearing Select](#)[Engineering Calculator](#)[SimPro Quick](#)[LubeSelect for SKF greases](#)[Heater selection tool](#)

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