

3210 A-2RS1TN9/MT33

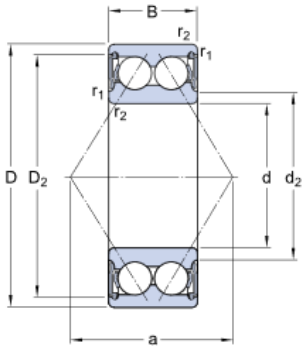
Popular item
SKF Explorer

Angular contact ball bearings, double row

Bearing data
Tolerances,
Normal, P6, P5,
Internal clearance,
table, drawing no

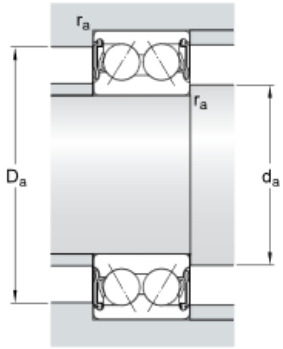
Bearing interfaces
Seat tolerances for standard conditions,
Tolerances and resultant fit

Technical Specification



DIMENSIONS

d	null	50 mm
D	null	90 mm
B	null	30.2 mm
d_2	null	≈ 57.8 mm
D_2	null	≈ 82.1 mm
$r_{1,2}$	null	min. 1.1 mm
a	null	52 mm



ABUTMENT DIMENSIONS

d_a	null	min. 57 mm
d_a	null	max. 57.5 mm
D_a	null	max. 83 mm
r_a	null	max. 1 mm

CALCULATION DATA

Basic dynamic load rating	C	null	51 kN
Basic static load rating	C_0	null	42.5 kN
Fatigue load limit	P_u	null	1.8 kN
Limiting speed	null	null	4800 r/min
Calculation factor	k_r	null	0.06
Calculation factor	e	null	0.8
Calculation factor	X	null	0.63
Calculation factor	Y_0	null	0.66
Calculation factor	Y_1	null	0.78
Calculation factor	Y_2	null	1.24

MASS

Mass bearing	null	null	0.65 kg

More information

Product details

- Designs and variants
- Bearing data
- Loads
- Temperature limits
- Permissible speed
- Designation system

Engineering information

- Principles of rolling bearing selection
- General bearing knowledge
- Bearing selection process
- Bearing interfaces
- Seat tolerances for standard conditions
- Selecting internal clearance or preload
- Lubrication
- Sealing, mounting and dismounting
- Bearing failure and how to prevent it

Tools

- Bearing Select
- SimPro Quick
- Engineering Calculator
- LubeSelect for SKF greases
- Heater selection tool
- Rolling bearings mounting and dismounting instructions

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