



6200

- Popular item
- SKF Explorer

Deep groove ball bearings

Bearing data

[Tolerances,](#)

Normal (metric), P6, P5, Normal (inch),

[Radial internal clearance,](#)

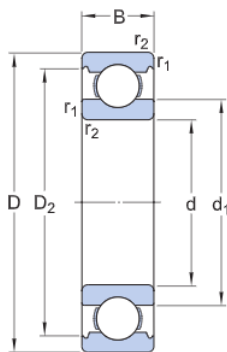
Classes C2 to C5

Bearing interfaces

[Seat tolerances for standard conditions,](#)

[Tolerances and resultant fits](#)

Technical specification

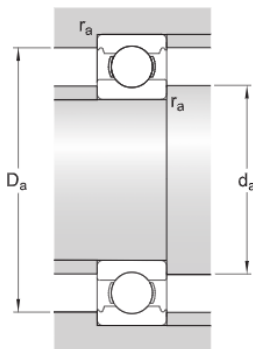


DIMENSIONS

d	10 mm	Bore diameter
D	30 mm	Outside diameter
B	9 mm	Width
d ₁	≈ 17 mm	Shoulder diameter
D ₂	≈ 24.72 mm	Recess diameter
r _{1,2}	min. 0.6 mm	Chamfer dimension

ABUTMENT DIMENSIONS

d _c min. 14.2 mm	Diameter of shaft abutment
D _i max. 25.8 mm	Diameter of housing abutment
r _a max. 0.6 mm	Radius of shaft or housing fillet



CALCULATION DATA

Basic dynamic load rating	C	5.4 kN
Basic static load rating	C ₀	2.36 kN
Fatigue load limit	P _u	0.1 kN
Reference speed		56 000 r/min
Limiting speed		36 000 r/min
Minimum load factor	k _r	0.025
Calculation factor	f ₀	13

MASS

Mass bearing	0.031 kg
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TOLERANCE CLASS

Dimensional tolerances	P6
Radial run-out	P5