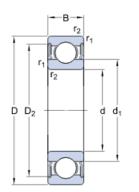


Technical specification





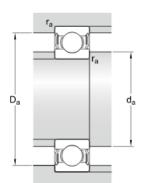
Popular item

Deep groove ball bearings

Bearing data Tolerances, Normal (metric), P6, P5, Normal (inch), Radial internal clearance, Matched bearing pairs, Stainless steel d < 10 mm, Other bearings Bearing interfaces Seat tolerances for standard conditions, Tolerances and resultant fits

DIMENSIONS

d	17 mm
D	35 mm
В	10 mm
d ₁	≈ 23.5 mm
d ₂	≈ 23.5 mm
D ₂	≈ 31.85 mm
r _{1,2}	min. 0.3 mm



ABUTMENT DIMENSIONS

d _a	min. 19 mm
d _a	max. 23 mm
D _a	max. 33 mm
r _a	max. 0.3 mm



CALCULATION DATA

Basic dynamic load rating	С	4.94 kN
Basic static load rating	C ₀	3.15 kN
Fatigue load limit	Pu	0.137 kN
Limiting speed		13000 r/min
Calculation factor	k _r	0.03
Calculation factor	f ₀	14.1

MASS

Mass bearing	0.038 kg
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More information

Product details	Engineering information	Tools
Single row deep groove ball bearings	Principles of rolling bearing selection	Bearing Select
Stainless steel deep groove	General bearing knowledge	SimPro Quick
ball bearings	Bearing selection process	Engineering Calculator
Single row deep groove ball bearings with filling slots	Bearing interfaces	LubeSelect for SKF greases
Double row deep groove		Heater selection tool
ball bearings	Seat tolerances for standard conditions	Rolling bearings mounting
Bearing data	Selecting internal clearance	and dismounting instructions
Loads	Lubrication	
Temperature limits	Sealing, mounting and	
Permissible speed	dismounting	
Designation system	Bearing failure and how to prevent it	



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