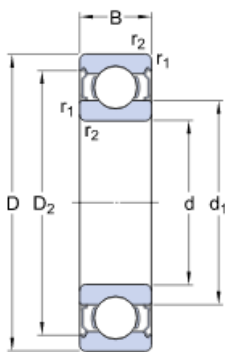


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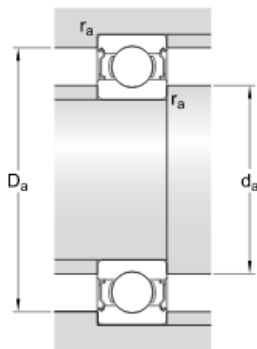
Deep groove ball bearings

Technical Specification



DIMENSIONS

d	12mm
D	32mm
B	10mm
d ₁	"H18.45mm
D ₂	"H27.34mm
r _{1,2}	min.0.6mm



ABUTMENT DIMENSIONS

d _a	min.16.2mm
d _a	max.18.4mm
D _a	max.27.8mm
r _a	max.0.6mm

CALCULATION DATA

Basic dynamic load rating	7.28kN
Basic static load rating	3.1kN
Fatigue load limit	0.132kN
Reference speed	50000r/min
Limiting speed	26000r/min
Calculation factor	0.025
Calculation factor	12

MASS

Mass bearing	0.039kg
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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 ball bearings	General bearing knowledge	SimPro Quick
Single row deep groove ball bearings with filling slots	Bearing selection process	Engineering Calculator
Double row deep groove ball bearings	Bearing interfaces	LubeSelect for SKF greases
Bearing data	Seat tolerances for standard conditions	Heater selection tool
Loads	Selecting internal clearance	Rolling bearings mounting and dismounting instructions
Temperature limits	Lubrication	
Permissible speed	Sealing, mounting and dismounting	
Designation system	Bearing failure and how to prevent it	

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