

608-RSH

Popular item
SKF Explorer

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

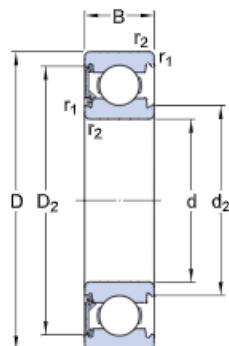
Bearing interfaces

[Seat tolerances for standard conditions](#),

[Tolerances and resultant fits](#)

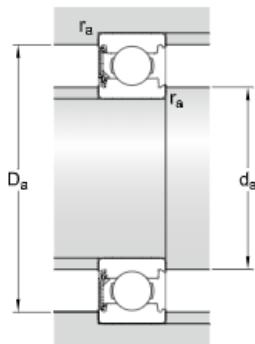
Technical specification

DIMENSIONS



d	0.315 in
D	0.8661 in
B	0.2756 in
d ₂	≈ 0.4154 in
D ₂	≈ 0.7559 in
r _{1,2}	min. 0.0118 in

ABUTMENT DIMENSIONS



d _a	min. 0.3937 in
d _a	max. 0.4134 in
D _a	max. 0.7874 in
r _a	max. 0.0118 in

CALCULATION DATA

Basic dynamic load rating	C	776 lbf
Basic static load rating	C_0	308 lbf
Fatigue load limit	P_u	13 lbf
Limiting speed		22000 r/min
Calculation factor	k_r	0.025
Calculation factor	f_0	12

MASS

Mass bearing	0.026 lbs
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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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