

626-2RSH

Deep groove ball bearing with seals

Single row deep groove ball bearings with seals on one or both sides are particularly versatile, have low friction and are optimized for low noise and low vibration, which enables high rotational speeds. They accommodate radial and axial loads in both directions, are easy to mount, and require less maintenance than other bearing types. The integral sealing can significantly prolong bearing service life because it keeps lubricant in the bearings and contaminants out.

- Integral sealing prolongs bearing service life
- Simple, versatile and robust design
- Low friction and high-speed capability
- Accommodate radial and axial loads in both directions
- Require little maintenance



Overview

Dimensions

Bore diameter	0.236 in
Outside diameter	0.748 in
Width	0.236 in

Performance

Basic dynamic load rating	526 lbf
Basic static load rating	214 lbf
Limiting speed	24 000 r/min
SKF performance class	SKF Explorer

Properties

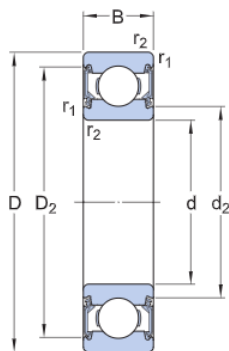
Bore type	Cylindrical
Cage	Sheet metal
Coating	Without
Filling slots	Without
Locating feature, bearing outer ring	None
Lubricant	Grease
Matched arrangement	No
Material, bearing	Bearing steel
Number of rows	1
Radial internal clearance	CN
Relubrication feature	Without
Sealing	Seal on both sides
Sealing type	Contact

Technical Specification

SKF performance class

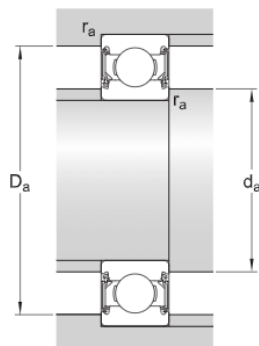
SKF Explorer

Dimensions



d	0.236 in	Bore diameter
D	0.748 in	Outside diameter
B	0.236 in	Width
d ₂	≈ 0.374 in	Recess diameter
D ₂	≈ 0.65 in	Recess diameter
r _{1,2}	min. 0.012 in	Chamfer dimension

Abutment dimensions



d _a min.	0.331 in	Diameter of shaft abutment
d _a max.	0.37 in	Diameter of shaft abutment
D _a max.	0.654 in	Diameter of housing abutment
r _a max.	0.012 in	Radius of shaft or housing fillet

Calculation data

Basic dynamic load rating	C	526 lbf
Basic static load rating	C ₀	214 lbf
Fatigue load limit	P _u	9 lbf
Limiting speed		24 000 r/min

Minimum load factor	k_r	0.025
Calculation factor	f_0	13

Mass

Mass bearing	0.018 lb
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Tolerance class

Dimensional tolerances	P6
Radial run-out	Normal

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