



W 607 R-2RS1

Deep groove ball bearings

Bearing data

[Tolerances,](#)

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

[Radial internal clearance,](#)

Matched bearing pairs, Stainless steel

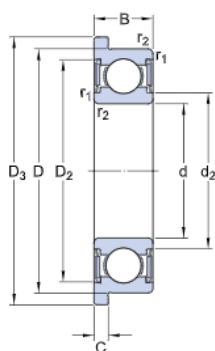
d < 10 mm, Other bearings

Bearing interfaces

[Seat tolerances for standard conditions,](#)

[Tolerances and resultant fits](#)

Technical specification

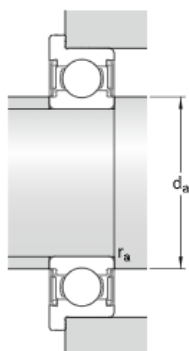


DIMENSIONS

d	0.2756 in
D	0.748 in
B	0.2362 in
d ₂	≈ 0.3543 in
D ₂	≈ 0.6496 in
D ₃	0.8661 in
C	0.0591 in
r _{1,2}	min. 0.0118 in

ABUTMENT DIMENSIONS

d _a	min. 0.3425 in
d _a	max. 0.3504 in
r _a	max. 0.0118 in



CALCULATION DATA

Basic dynamic load rating	C	344 lbf
Basic static load rating	C ₀	132 lbf
Fatigue load limit	P _u	5.6 lbf
Limiting speed		24000 r/min
Calculation factor	k _r	0.03
Calculation factor	f ₀	7.9

MASS

Mass bearing	0.018 lbs
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More information

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