

W 61707-2RS1

Deep groove ball bearings

Bearing data

Tolerances,

Normal (metric), P6, P5, Normal (inch), Radial internal clearance,

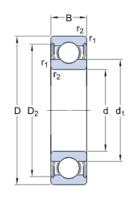
 $\label{eq:matched_pairs} \begin{tabular}{ll} Matched bearing pairs, Stainless steel \\ d < 10 mm, Other bearings \end{tabular}$

Bearing interfaces

Seat tolerances for standard conditions,

Tolerances and resultant fits

Technical specification

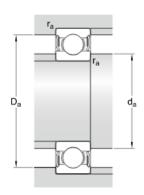


DIMENSIONS

d	35 mm
D	44 mm
В	5 mm
d_1	≈ 38 mm
d_2	≈ 38 mm
D_2	≈ 42.2 mm
r _{1,2}	min. 0.3 mm

ABUTMENT DIMENSIONS







CALCULATION DATA

Basic dynamic load rating	С	1.06 kN
Basic static load rating	C_0	0.915 kN
Fatigue load limit	P_{u}	0.039 kN
Limiting speed		8500 r/min
Calculation factor	k _r	0.015
Calculation factor	f_0	8.9

MASS

Mass bearing 0.01

More information

Principles of rolling bearing	Bearing Select
selection	
General bearing knowledge	SimPro Quick
Bearing selection process	Engineering Calculator
Bearing interfaces	LubeSelect for SKF greases
Seat tolerances for	Heater selection tool
standard conditions	Rolling bearings mounting and dismounting
Selecting internal clearance	instructions
Lubrication	
Sealing, mounting and	
Bearing failure and how to prevent it	
	Bearing selection process Bearing interfaces Seat tolerances for standard conditions Selecting internal clearance Lubrication Sealing, mounting and dismounting Bearing failure and how to



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