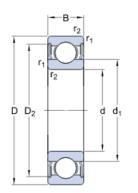
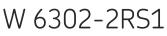
# SKF.



# Technical specification





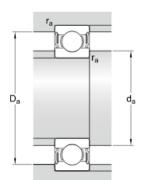
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# Deep groove ball bearings

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

### DIMENSIONS

d	15 mm
D	42 mm
В	13 mm
$d_1$	≈ 24.5 mm
d <sub>2</sub>	≈ 24.5 mm
D <sub>2</sub>	≈ 36.8 mm
r <sub>1,2</sub>	min. 1 mm



### ABUTMENT DIMENSIONS

d <sub>a</sub>	min. 20 mm
d <sub>a</sub>	max. 24 mm
D <sub>a</sub>	max. 37.5 mm
r <sub>a</sub>	max. 1 mm



## CALCULATION DATA

Basic dynamic load rating	С	9.95 kN
Basic static load rating	C <sub>0</sub>	5.4 kN
Fatigue load limit	P <sub>u</sub>	0.232 kN
Limiting speed		11000 r/min
Calculation factor	k <sub>r</sub>	0.035
Calculation factor	f <sub>0</sub>	12.3

## MASS

Mass bearing	0.081 kg
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## More information

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



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