

Products

Bearings, units and housings

Ball bearings

Deep groove ball bearings

Single row deep groove ball bearings

Product tables

Cages

Sealing solutions

Bearings with a snap ring groove

Quiet running bearings

Matched bearings

Performance classes

Bearing data

Loads

Temperature limits

Permissible speed

Designation system

Deep groove ball bearings, single row

Tolerances: Normal (metric), Normal (inch)
Radial internal clearance: Single bearings, Matched bearing pairs
Recommended fits
Shaft and housing tolerances and fits

Calculation CAD model 3D view

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Imperial Metric View full table

Principal dimensions			Basic load ratings		Speed ratings		Designation
d	D	B	dynamic C	static C ₀	Reference speed r/min	Limiting speed	* SKF Explorer bearing
mm			kN				-
25	52	18	14	7,8	-	8500	62205-2RS1