

51134 M Thrust ball bearings, single direction

- Popular item

Thrust ball bearings, single direction

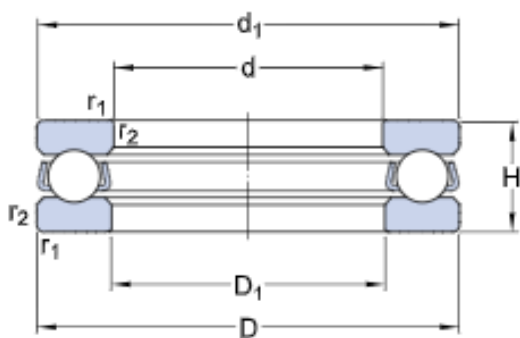
Bearing data

[Tolerances,](#)
table 1

Bearing interfaces

[Seat tolerances for standard](#)
[conditions,](#)
[Tolerances and resultant fit](#)

Technical specification

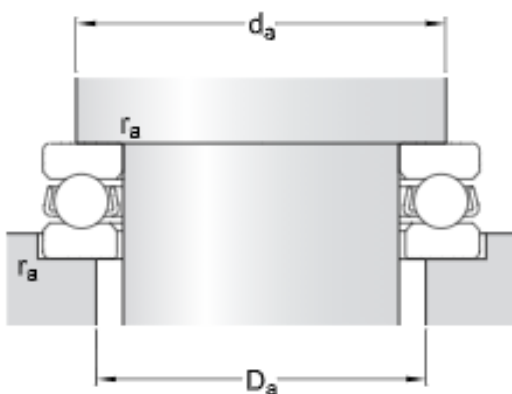


DIMENSIONS

d	170 mm	Bore diameter
D	215 mm	Outside diameter
H	34 mm	Height
d_1	≈ 213 mm	Outside diameter shaft washer
D_1	≈ 172 mm	Inner diameter housing washer
$r_{1,2}$	min. 1.1 mm	Chamfer dimension washer

ABUTMENT DIMENSIONS

d_a	min. 197 mm	Abutment diameter shaft
D_a	max. 188 mm	Abutment diameter housing
r_a	max. 1 mm	Fillet radius



CALCULATION DATA

C	133 kN	Basic dynamic load rating
C ₀	540 kN	Basic static load rating
P _u	14.3 kN	Fatigue load limit
	1 600 r/min	Reference speed
	2 200 r/min	Limiting speed
A	1.5	Minimum load factor

MASS

3.3 kg	Mass bearing (including seat washer where applicable)
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More information

Product details	Engineering information	Tools
Designs and variants	Principles of rolling bearing selection	Bearing Select
Bearing data	General bearing knowledge	Engineering Calculator
Loads	Bearing selection process	SimPro Quick
Temperature limits	Bearing interfaces	LubeSelect for SKF greases
Permissible speed	Seat tolerances for standard conditions	Heater selection tool
Mounting	Lubrication	
Designation system	External sealing, mounting and dismounting	
	Bearing failure and how to prevent it	