



511/1060 M

Thrust ball bearings, single direction

Bearing data

[Tolerances,](#)

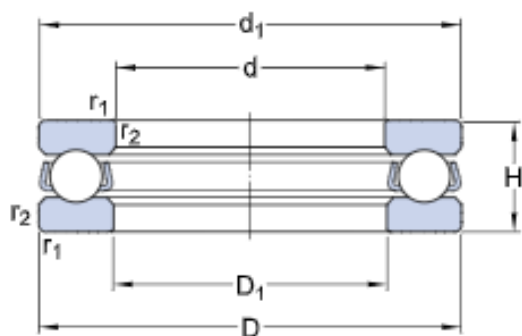
table 1

Bearing interfaces

[Seat tolerances for standard conditions,](#)

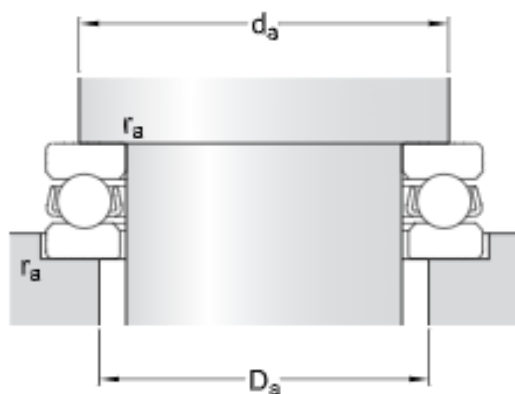
[Tolerances and resultant fit](#)

Technical specification



DIMENSIONS

d	1 060 mm
D	1 250 mm
H	150 mm
d ₁	≈ 1 244 mm
D ₁	≈ 1 066 mm
r _{1,2}	min. 5 mm



ABUTMENT DIMENSIONS

d _a	min. 1 172 mm
D _a	max. 1 138 mm
r _a	max. 4 mm

CALCULATION DATA

Basic dynamic load rating	C	1 430 kN
Basic static load rating	C ₀	15 000 kN
Fatigue load limit	P _u	163 kN
Reference speed		240 r/min
Limiting speed		340 r/min
Minimum load factor	A	1 200

MASS

Mass bearing (including seat washer where applicable)	330 kg
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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	

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