



51100

Popular item

Thrust ball bearings, single direction

Bearing data

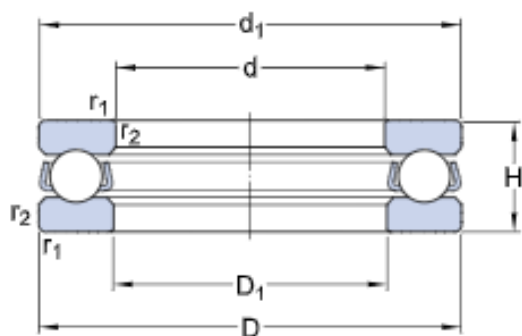
[Tolerances,](#)

table 1

Bearing interfaces

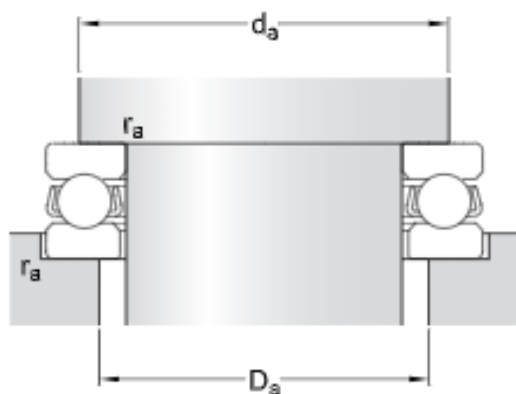
[Seat tolerances for standard conditions,](#)[Tolerances and resultant fit](#)

Technical specification



DIMENSIONS

d	10 mm
D	24 mm
H	9 mm
d ₁	≈ 24 mm
D ₁	≈ 11 mm
r _{1,2}	min. 0.3 mm



ABUTMENT DIMENSIONS

d _a	min. 19 mm
D _a	max. 15 mm
r _a	max. 0.3 mm

CALCULATION DATA

Basic dynamic load rating	C	8.71 kN
Basic static load rating	C ₀	12.2 kN
Fatigue load limit	P _u	0.45 kN
Reference speed		9500 r/min
Limiting speed		13000 r/min
Minimum load factor	A	0.0012

MASS

Mass bearing (including seat washer where applicable)	0.02 kg
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More information

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