



51114

Popular item

Thrust ball bearings, single direction

Bearing data

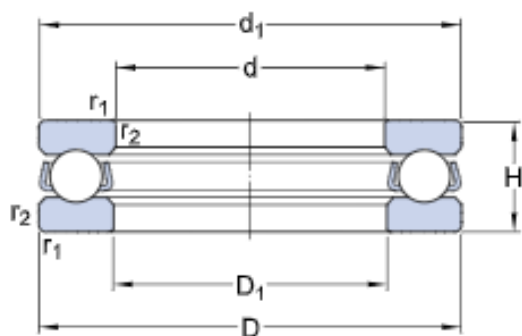
[Tolerances,](#)

table 1

Bearing interfaces

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

Technical specification

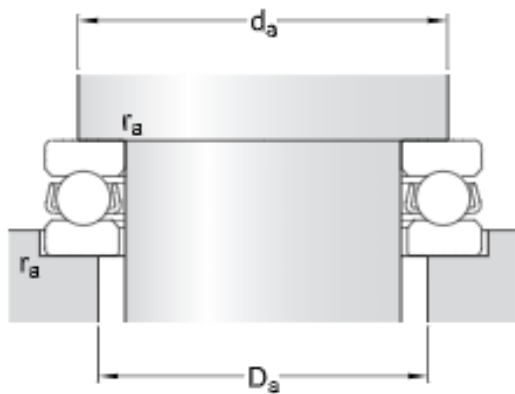


DIMENSIONS

d	70 mm
D	95 mm
H	18 mm
d ₁	≈ 95 mm
D ₁	≈ 72 mm
r _{1,2}	min. 1 mm

ABUTMENT DIMENSIONS

d _a	min. 85 mm
D _a	max. 80 mm
r _a	max. 1 mm



CALCULATION DATA

Basic dynamic load rating	C	40.3 kN
Basic static load rating	C ₀	120 kN
Fatigue load limit	P _u	4.4 kN
Reference speed		3 400 r/min
Limiting speed		4 500 r/min
Minimum load factor	A	0.074

MASS

Mass bearing (including seat washer where applicable)	0.35 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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