

54207

Popular item

Thrust ball bearings, double direction

Bearing data

Tolerances,

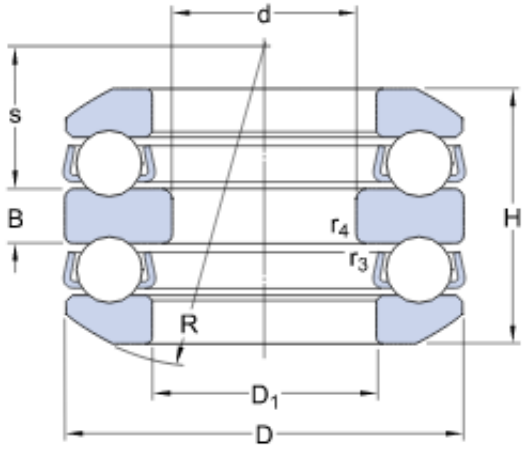
table 1

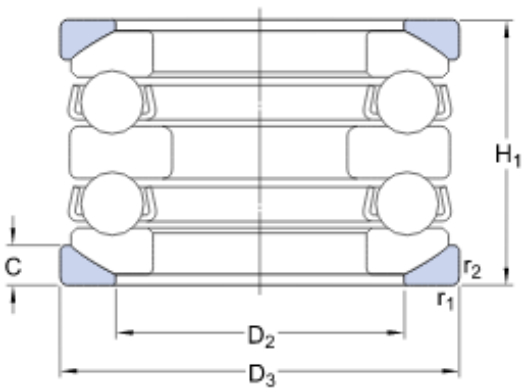
Bearing interfaces

Seat tolerances for standard conditions,

Tolerances and resultant fit

Technical specification

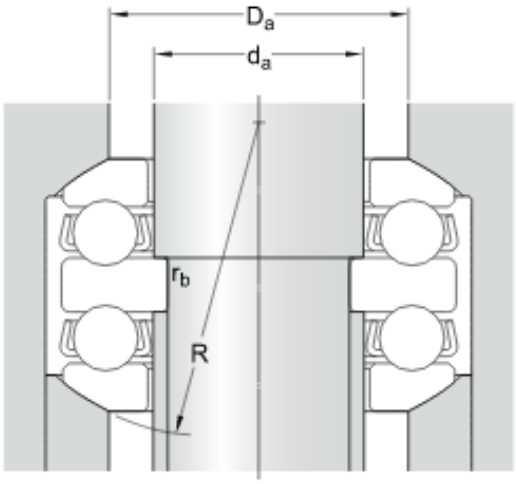


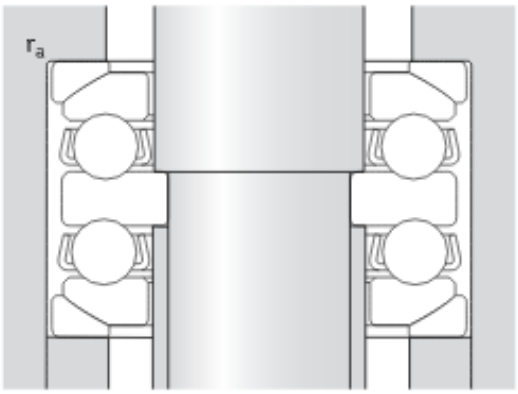


DIMENSIONS

d	30 mm
D	62 mm
H	37.8 mm
H_1	42 mm
D_1	≈ 37 mm
D_2	48 mm
D_3	65 mm
B	8 mm
C	7 mm
R	50 mm
s	21 mm
$r_{1,2}$	min. 1 mm
$r_{3,4}$	min. 0.3 mm

ABUTMENT DIMENSIONS





d_a	35 mm
D_a	max. 48 mm
r_a	max. 1 mm
r_b	max. 0.3 mm

CALCULATION DATA

Basic dynamic load rating	C	35.1 kN
Basic static load rating	C_0	73.5 kN
Fatigue load limit	P_u	2.7 kN
Reference speed		2800 r/min
Limiting speed		4000 r/min
Minimum load factor	A	0.028

MASS

Mass bearing (including seat washer where applicable)	0.53 kg

ASSOCIATED PRODUCTS

Seat washer	U 207

More information

Product details

- Designs and variants
- Bearing data
- Loads
- Temperature limits
- Permissible speed
- Mounting
- Designation system

Engineering information

- Principles of rolling bearing selection
- General bearing knowledge
- Bearing selection process
- Bearing interfaces
- Seat tolerances for standard conditions
- Lubrication
- External sealing, mounting and dismounting
- Bearing failure and how to prevent it

Tools

- Bearing Select
- Engineering Calculator
- SimPro Quick
- LubeSelect for SKF greases
- Heater selection tool

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