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51105

Popular item

Thrust ball bearings, single direction

Bearing data

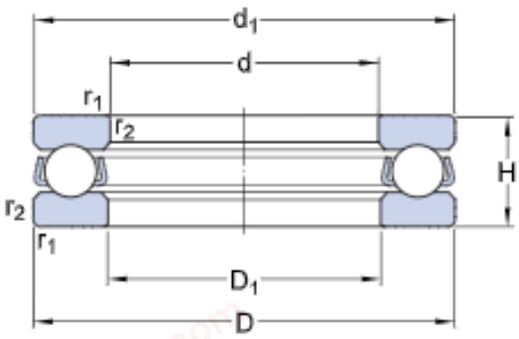
Tolerances,
table 1

Bearing interfaces

Seat tolerances for standard conditions,

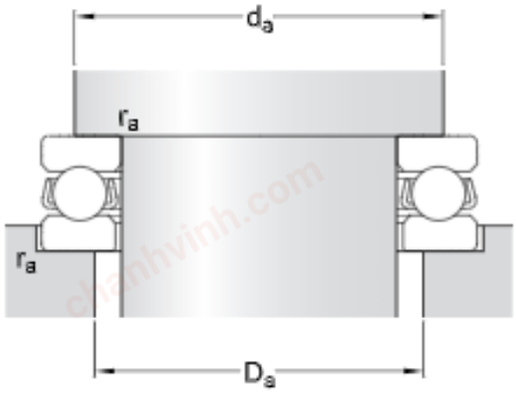
Tolerances and resultant fit

Technical specification



DIMENSIONS

d	25 mm
D	42 mm
H	11 mm
	≈ 42 mm
	≈ 26 mm
	min. 0.6 mm



ABUTMENT DIMENSIONS

	min. 35 mm
	max. 32 mm
	max. 0.6 mm

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CALCULATION DATA

Basic dynamic load rating	C	18.2 kN
Basic static load rating		39 kN
Fatigue load limit		1.43 kN
Reference speed		6300 r/min
Limiting speed		9000 r/min
Minimum load factor	A	0.0079

MASS

Mass bearing (including seat washer where applicable)	0.056 kg

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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