



6006-2Z/VA208

Popular item

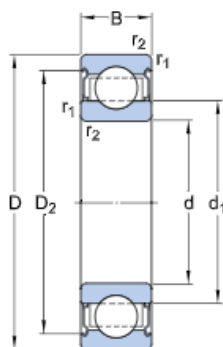
Deep groove ball bearings, single row, for high temperature applications

Bearing data, Design considerations Bearing interfaces
[Tolerances](#), [Tolerances and resultant fit](#)
 Normal,
[Radial internal clearance](#),
 table,
[Location of bearings](#),
 fits

Technical specification

Running in required

No

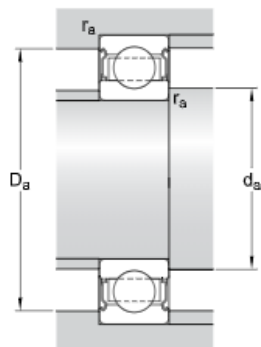


DIMENSIONS

| | |
|------------------|-----------|
| d | 30 mm |
| D | 55 mm |
| B | 13 mm |
| d ₁ | ≈ 38.2 mm |
| D ₂ | ≈ 49 mm |
| r _{1,2} | min. 1 mm |

ABUTMENT DIMENSIONS

| | |
|----------------|--------------|
| d _a | min. 34.6 mm |
| d _a | max. 38.1 mm |
| D _a | max. 50.4 mm |
| r _a | max. 1 mm |



CALCULATION DATA

| | | |
|---------------------------|-------|-------------|
| Basic dynamic load rating | C | 13.8 kN |
| Basic static load rating | C_0 | 8.3 kN |
| Limiting speed | | 100 r/min |
| Limiting temperature | T | max. 350 °C |

MASS

| | | |
|--------------|--|---------|
| Mass bearing | | 0.12 kg |
|--------------|--|---------|

Product details

[Deep groove ball bearings for high temperature applications](#)

[Insert bearings and ball bearing units for high temperature applications](#)

[Bearing data](#)

[Loads and selecting bearing size](#)

[Design considerations](#)

[Relubrication and running in](#)

[Mounting](#)

[Designation system](#)

Engineering information

[Principles of rolling bearing selection](#)

[General bearing knowledge](#)

[Bearing selection process](#)

[Bearing interfaces](#)

[Seat tolerances for standard conditions](#)

[Sealing, mounting and dismounting](#)

[Bearing failure and how to prevent it](#)

Tools

[Engineering Calculator](#)

[SimPro Quick](#)

[Heater selection tool](#)

[Rolling bearings mounting and dismounting instructions](#)

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