



6024-2Z/VA208

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

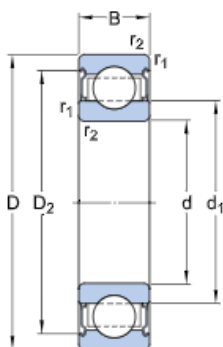
Bearing data, Design considerations
[Tolerances](#),
 Normal,
[Radial internal clearance](#),
 table,
[Location of bearings](#),
 fits

Bearing interfaces
[Tolerances and resultant fit](#)

Technical specification

Running in required

No

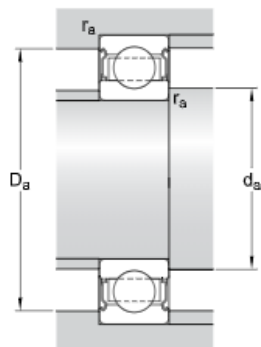


DIMENSIONS

d	120 mm
D	180 mm
B	28 mm
d ₁	≈ 139.05 mm
D ₂	≈ 165.3 mm
r _{1,2}	min. 2 mm

ABUTMENT DIMENSIONS

d _a	min. 129 mm
d _a	max. 139 mm
D _a	max. 171 mm
r _a	max. 2 mm



CALCULATION DATA

Basic dynamic load rating	C	88.4 kN
Basic static load rating	C ₀	80 kN
Limiting speed		30 r/min
Limiting temperature	T	max. 350 °C

MASS

Mass bearing		2.21 kg
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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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