

FAG

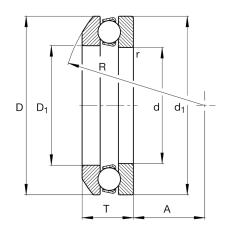
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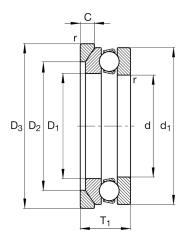
Axial deep groove ball bearing

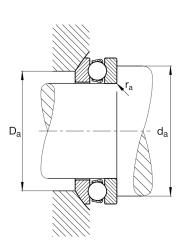
Schaeffler ID: 0167158450000

Axial deep groove ball bearing 532, single direction, with spherical housing washer, steel sheet metal cage

Technical information









Main Dimensions & Performance Data

| d | 70 mm | Inner diameter shaft washer |
|-----------------|-------------|----------------------------------|
| D | 105 mm | Outer diameter housing washer |
| Т | 28,8 mm | Height |
| C _a | 66.000 N | Basic dynamic load rating, axial |
| C _{0a} | 159.000 N | Basic static load rating, axial |
| C _{ua} | 7.200 N | Fatigue load limit, axial |
| n _G | 4.000 1/min | Limiting speed |
| n _{9r} | 4.550 1/min | Reference speed |
| | 0,78 kg | Weight |

Dimensions

| r _{min} | 1 mm | Minimum chamfer dimension |
|------------------|--------|---------------------------------|
| D ₁ | 72 mm | Inner diameter housing washer |
| d ₁ | 105 mm | Outer diameter shaft washer |
| R | 80 mm | Radius spherical housing washer |
| Α | 38 mm | Distance of the center point |
| T ₁ | 32 mm | Height with seat washer |

Mounting dimensions

| d _{a min} | 91 mm | Minimum diameter shaft shoulder |
|--------------------|-------|--------------------------------------|
| D _{a max} | 88 mm | Maximum diameter of housing shoulder |
| r _{a max} | 1 mm | Maximum filled radius |

Calculation factors

A 0,16 Minimum load factor

Additional information

U214 Seat washer

Temperature range

| T _{min} | -30 °C | Operating temperature min. |
|------------------|--------|----------------------------|
| T _{max} | 150 °C | Operating temperature max. |

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all further information and guidelines for this product. For further information you can use the contact form on our website.

