

FAG

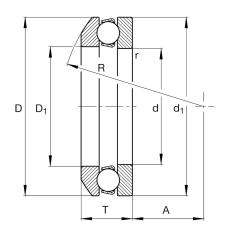
53324-MP

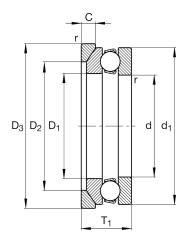
Axial deep groove ball bearing

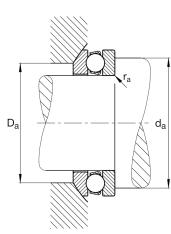
Schaeffler ID: 0190709420000

Axial deep groove ball bearing 533..-MP, single direction, with spherical housing washer, solid brass cage

Technical information









Main Dimensions & Performance Data

| d | 120 mm | Inner diameter shaft washer |
|-----------------|-------------|----------------------------------|
| D | 210 mm | Outer diameter housing washer |
| Т | 74,1 mm | Height |
| C _a | 325.000 N | Basic dynamic load rating, axial |
| C _{0a} | 910.000 N | Basic static load rating, axial |
| C _{ua} | 32.500 N | Fatigue load limit, axial |
| n _G | 1.610 1/min | Limiting speed |
| n _{9r} | 3.200 1/min | Reference speed |
| | 10.371 kg | Weight |

Dimensions

| r _{min} | 2,1 mm | Minimum chamfer dimension |
|------------------|--------|---------------------------------|
| D ₁ | 123 mm | Inner diameter housing washer |
| d ₁ | 205 mm | Outer diameter shaft washer |
| R | 160 mm | Radius spherical housing washer |
| Α | 63 mm | Distance of the center point |
| T ₁ | 80 mm | Height with seat washer |

Mounting dimensions

| d _{a min} | 174 mm | Minimum diameter shaft shoulder |
|--------------------|--------|--------------------------------------|
| D _{a max} | 165 mm | Maximum diameter of housing shoulder |
| r _{a max} | 2,1 mm | Maximum filled radius |

Calculation factors

A 4,4 Minimum load factor

Additional information

U324 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.

