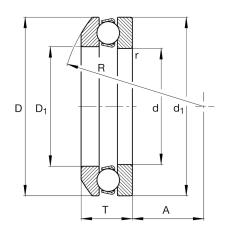
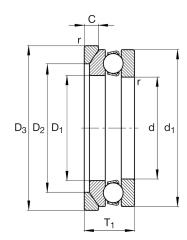
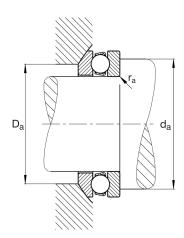


Technical information









53207

FAG

Axial deep groove ball bearing

Schaeffler ID: 0167157990000 Axial deep groove ball bearing 532, single direction, with spherical housing washer, steel sheet metal cage

Main Dimensions & Performance Data

| | d | 35 mm | Inner diameter shaft washer |
|--|-----------------|-------------|----------------------------------|
| | D | 62 mm | Outer diameter housing washer |
| | Т | 19,9 mm | Height |
| | C _a | 35.500 N | Basic dynamic load rating, axial |
| | C _{0a} | 67.000 N | Basic static load rating, axial |
| | C _{ua} | 3.100 N | Fatigue load limit, axial |
| | n _G | 6.000 1/min | Limiting speed |
| | n _{ər} | 8.000 1/min | Reference speed |
| | | 0,221 kg | Weight |
| | | | |

Dimensions

| r _{min} | 1 mm | Minimum chamfer dimension |
|------------------|-------|---------------------------------|
| D ₁ | 37 mm | Inner diameter housing washer |
| d ₁ | 62 mm | Outer diameter shaft washer |
| R | 50 mm | Radius spherical housing washer |
| А | 24 mm | Distance of the center point |
| Τ ₁ | 22 mm | Height with seat washer |

Mounting dimensions

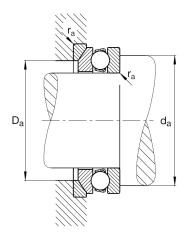
| d _{a min} | 51 mm | Minimum diameter shaft shoulder |
|--------------------|-------|--------------------------------------|
| D _{a max} | 48 mm | Maximum diameter of housing shoulder |
| r _{a max} | 1 mm | Maximum filled radius |

Calcula

| Calculation factors | | | | | | |
|------------------------|-------|---------------------|--|--|--|--|
| А | 0,028 | Minimum load factor | | | | |
| Additional information | | | | | | |

U207 Seat washer **Temperature range** -30 °C Operating temperature min. T _{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.





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