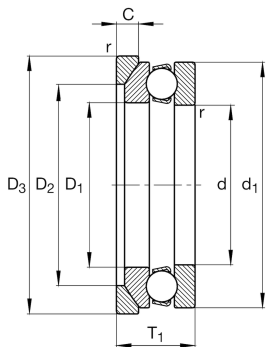


**FAG****53228** **Axial deep groove ball bearing**

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

Technical information

**Your current product variant**

| | | |
|----------------------------------|----|---|
| Cage | JP | Steel sheet metal |
| Tolerance class | PN | Normal (ISO 492:2023) |
| Dimensional / heat stabilization | S0 | Rings dimensional stabilized up to 150° |

Main Dimensions & Performance Data

| | | |
|-----------------|-------------|----------------------------------|
| d | 140 mm | Inner diameter shaft washer |
| D | 200 mm | Outer diameter housing washer |
| T | 48,6 mm | Height |
| C _a | 191.000 N | Basic dynamic load rating, axial |
| C _{0a} | 570.000 N | Basic static load rating, axial |
| C _{ua} | 19.800 N | Fatigue load limit, axial |
| n _G | 2.110 1/min | Limiting speed |
| n _{gr} | 2.700 1/min | Reference speed |
| ≈m | 4,241 kg | Weight |

Mounting dimensions

| | | |
|--------------------|--------|--------------------------------------|
| d _{a min} | 176 mm | Minimum diameter shaft shoulder |
| D _{a max} | 170 mm | Maximum diameter of housing shoulder |
| r _{a max} | 1,5 mm | Maximum filled radius |



Dimensions

| | | |
|------------|--------|---------------------------------|
| r_{\min} | 1,5 mm | Minimum chamfer dimension |
| D_1 | 143 mm | Inner diameter housing washer |
| d_1 | 197 mm | Outer diameter shaft washer |
| R | 160 mm | Radius spherical housing washer |
| A | 87 mm | Distance of the center point |
| T_1 | 55 mm | Height with seat washer |
| D_2 | 170 mm | Bore diameter seat washer |
| D_3 | 210 mm | Outside diameter seat washer |
| C | 17 mm | Height seat washer |

Temperature range

| | | |
|------------|--------|----------------------------|
| T_{\min} | -30 °C | Operating temperature min. |
| T_{\max} | 150 °C | Operating temperature max. |

Calculation factors

| | | |
|---|-----|---------------------|
| A | 1,9 | Minimum load factor |
|---|-----|---------------------|

Additional information

| | |
|------|-------------|
| U228 | Seat washer |
|------|-------------|

Characteristics

| | |
|--|---------------------------------------|
| | Axial load in one direction |
| | Grease Lubrication |
| | Oil Lubrication |
| | Not sealed |
| | Static angular error and misalignment |