

FAG**51126**

Axial deep groove ball bearing

Schaeffler ID:
0167148650000Axial deep groove ball bearing 511, single
direction, steel sheet metal cage

Technical information

Main Dimensions & Performance Data

| | | |
|-----------------|-------------|----------------------------------|
| d | 130 mm | Bore diameter |
| D | 170 mm | Outside diameter |
| T | 30 mm | Height |
| C _a | 111.000 N | Basic dynamic load rating, axial |
| C _{0a} | 390.000 N | Basic static load rating, axial |
| C _{ua} | 14.600 N | Fatigue load limit, axial |
| n _G | 2.850 1/min | Limiting speed |
| n _{gr} | 2.490 1/min | Reference speed |
| | 1,757 kg | Weight |

Additional information

| | | |
|------------------|--------|------------------------------|
| r _{min} | 1 mm | Minimum chamfer dimension |
| D ₁ | 132 mm | Bore diameter housing washer |
| d ₁ | 170 mm | Lip diameter shaft washer |

Mounting dimensions

| | | |
|--------------------|--------|--------------------------------------|
| d _{a min} | 154 mm | Minimum diameter shaft shoulder |
| D _{a max} | 146 mm | Maximum diameter of housing shoulder |
| r _{a max} | 1 mm | Maximum recess radius |

Calculation factors

| | | |
|---|------|---------------------|
| A | 0,76 | Minimum load factor |
|---|------|---------------------|

Temperature range

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