

FAG

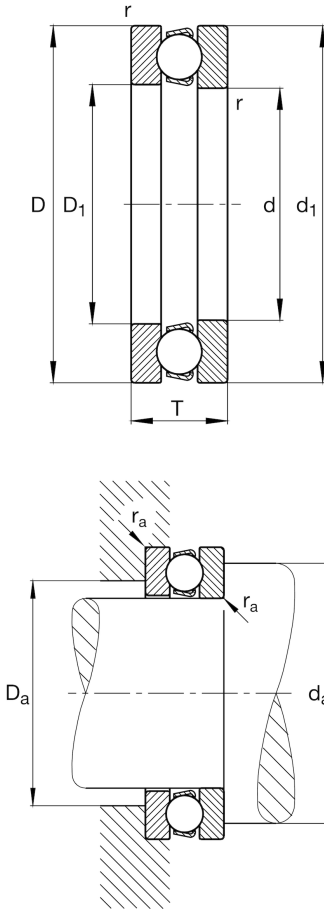
★ 51415-MP

Axial deep groove ball bearing

Schaeffler ID:
0384429490000Axial deep groove ball bearing 514...-MP,
single direction, solid brass cage

★ Preferred product

Technical information



Temperature range

| | | |
|-----------|---------|----------------------------|
| T_{min} | -30 °C | Operating temperature min. |
| T_{max} | 150 °C | Operating temperature max. |
| | 6,81 kg | Weight |

Main Dimensions & Performance Data

| | | |
|----------|-------------|----------------------------------|
| d | 75 mm | Bore diameter |
| D | 160 mm | Outside diameter |
| T | 65 mm | Height |
| C_a | 238.000 N | Basic dynamic load rating, axial |
| C_{0a} | 560.000 N | Basic static load rating, axial |
| C_{ua} | 23.400 N | Fatigue load limit, axial |
| n_G | 1.810 1/min | Limiting speed |
| n_{gr} | 4.750 1/min | Reference speed |

Dimensions

| | | |
|-----------|--------|------------------------------|
| r_{min} | 2 mm | Minimum chamfer dimension |
| D_1 | 78 mm | Bore diameter housing washer |
| d_1 | 160 mm | Lip diameter shaft washer |

Mounting dimensions

| | | |
|-------------|--------|--------------------------------------|
| $d_{a min}$ | 126 mm | Minimum diameter shaft shoulder |
| $D_{a max}$ | 109 mm | Maximum diameter of housing shoulder |
| $r_{a max}$ | 2 mm | Maximum recess radius |

Additional information

| | | |
|---|-----|---------------------|
| A | 1,8 | Minimum load factor |
|---|-----|---------------------|