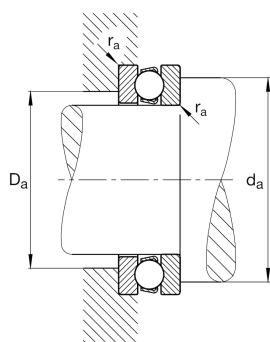
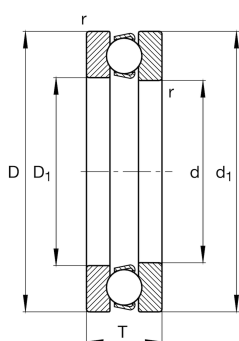


**FAG****51140-MP** 

Axial deep groove ball bearing

Axial deep groove ball bearing 511...-MP,  
single direction, solid brass cageMateriálové číslo Schaeffler:  
0190612850000

## Technické informace



## Vaše aktuální varianta produktu

|                                  |    |                                          |
|----------------------------------|----|------------------------------------------|
| Cage                             | MP | Solid brass cage, rolling element guided |
| Tolerance class                  | PN | Tolerance class PN, acc. to DIN 620      |
| Dimensional / heat stabilization | S1 | Rings dimensional stabilized up to 200°  |

## Main Dimensions &amp; Performance Data

|                 |             |                                  |
|-----------------|-------------|----------------------------------|
| d               | 200 mm      | Inner diameter shaft washer      |
| D               | 250 mm      | Outer diameter housing washer    |
| T               | 37 mm       | Height                           |
| C <sub>a</sub>  | 162.000 N   | Basic dynamic load rating, axial |
| C <sub>0a</sub> | 670.000 N   | Basic static load rating, axial  |
| C <sub>ua</sub> | 20.400 N    | Fatigue load limit, axial        |
| n <sub>G</sub>  | 1.980 1/min | Limiting speed                   |
| n <sub>gr</sub> | 1.760 1/min | Reference speed                  |
| m               | 4,26 kg     | Hmotnost                         |

## Mounting dimensions

|                    |        |                                      |
|--------------------|--------|--------------------------------------|
| d <sub>a min</sub> | 230 mm | Minimum diameter shaft shoulder      |
| D <sub>a max</sub> | 220 mm | Maximum diameter of housing shoulder |
| r <sub>a max</sub> | 1 mm   | Maximum filled radius                |



### Dimensions

|            |        |                               |
|------------|--------|-------------------------------|
| $r_{\min}$ | 1,1 mm | Minimum chamfer dimension     |
| $D_1$      | 203 mm | Inner diameter housing washer |
| $d_1$      | 247 mm | Outer diameter shaft washer   |

### Temperature range

|            |        |                            |
|------------|--------|----------------------------|
| $T_{\min}$ | -30 °C | Operating temperature min. |
| $T_{\max}$ | 200 °C | Operating temperature max. |

### Calculation factors

|   |     |                     |
|---|-----|---------------------|
| A | 2,5 | Minimum load factor |
|---|-----|---------------------|

### Vlastnosti

|                                                                                     |                                 |
|-------------------------------------------------------------------------------------|---------------------------------|
|   | Axiální zatížení v jednom směru |
|  | Mazání (plastickým mazivem)     |
|  | Mazání olejem                   |
|  | Neutěsněné                      |