

**811/530-M**

Axial cylindrical roller bearing

Axial cylindrical roller bearing 811..-M, single row

Technical information



Your current product variant

| | | |
|------|---|------------|
| Cage | M | Brass Cage |
|------|---|------------|

Main Dimensions & Performance Data

| | | |
|-----------------|--------------|----------------------------------|
| d | 530 mm | Bore diameter |
| T | 85 mm | Height |
| C _a | 2.140.000 N | Basic dynamic load rating, axial |
| C _{0a} | 10.500.000 N | Basic static load rating, axial |
| C _{ua} | 790.000 N | Fatigue load limit, axial |
| n _G | 485 1/min | Limiting speed |
| n _{gr} | 120 1/min | Reference speed |
| D | 640 mm | Outside diameter |
| m | 64,44 kg | Weight |

Mounting dimensions

| | | |
|--------------------|------|-----------------------|
| r _{a max} | 3 mm | Maximum recess radius |
|--------------------|------|-----------------------|

Dimensions

| | | |
|------------------|--------|------------------------------|
| D ₁ | 535 mm | Bore diameter housing washer |
| d ₁ | 635 mm | Rip diameter shaft washer |
| r _{min} | 3 mm | Minimum chamfer dimension |



Temperature range

| | | |
|------------|--------|----------------------------|
| T_{\min} | -30 °C | Operating temperature min. |
| T_{\max} | 120 °C | Operating temperature max. |

Additional information

| | |
|------------|--------------------------------|
| K811/530-M | Axial roller and cage assembly |
| GS811/530 | Housing Washer |
| WS811/530 | Shaft washer |

Characteristics

-  Axial load in one direction
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed