

**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
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## Main Dimensions &amp; 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
$\approx m$	64,44 kg	Weight

## Mounting dimensions

$r_{a \max}$	3 mm	Maximum recess radius
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## 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