



811/500-M

Axial cylindrical roller bearing

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

Informacje techniczne



Twoja aktualna wersja produktu

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

Main Dimensions & Performance Data

|                 |             |                                  |
|-----------------|-------------|----------------------------------|
| d               | 500 mm      | Bore diameter                    |
| T               | 80 mm       | Height                           |
| C <sub>a</sub>  | 1.910.000 N | Basic dynamic load rating, axial |
| C <sub>0a</sub> | 9.300.000 N | Basic static load rating, axial  |
| C <sub>ua</sub> | 700.000 N   | Fatigue load limit, axial        |
| n <sub>G</sub>  | 520 1/min   | Limiting speed                   |
| n <sub>gr</sub> | 163 1/min   | Reference speed                  |
| D               | 600 mm      | Outside diameter                 |
| m               | 46,69 kg    | Masa                             |

Mounting dimensions

|                    |        |                       |
|--------------------|--------|-----------------------|
| r <sub>a max</sub> | 2,1 mm | Maximum recess radius |
|--------------------|--------|-----------------------|

Dimensions

|                  |        |                              |
|------------------|--------|------------------------------|
| D <sub>1</sub>   | 505 mm | Bore diameter housing washer |
| d <sub>1</sub>   | 595 mm | Rip diameter shaft washer    |
| r <sub>min</sub> | 2,1 mm | Minimum chamfer dimension    |



### Temperature range

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

### Additional information

|            |                                |
|------------|--------------------------------|
| K811/500-M | Axial roller and cage assembly |
| GS811/500  | Housing Washer                 |
| WS811/500  | Shaft washer                   |

### Właściwości

-  Obciążenie osiowe jednokierunkowe
-  Smarowanie smarem
-  Smarowanie olejem
-  Bez uszczelnienia