

**81252-M**

Axial cylindrical roller bearing

Axial cylindrical roller bearing 812...-M, single row



Technical information



Your current product variant

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

Main Dimensions & Performance Data

| | | |
|-----------------|-------------|----------------------------------|
| d | 260 mm | Bore diameter |
| T | 79 mm | Height |
| C _a | 1.450.000 N | Basic dynamic load rating, axial |
| C _{0a} | 5.400.000 N | Basic static load rating, axial |
| C _{ua} | 485.000 N | Fatigue load limit, axial |
| n _G | 930 1/min | Limiting speed |
| n _{gr} | 310 1/min | Reference speed |
| D | 360 mm | Outside diameter |
| m | 25,99 kg | Weight |

Mounting dimensions

| | | |
|--------------------|--------|--------------------------------------|
| d _{a min} | 353 mm | Minimum diameter shaft shoulder |
| D _{a max} | 280 mm | Maximum diameter of housing shoulder |
| r _{a max} | 2,1 mm | Maximum recess radius |



Dimensions

| | | |
|------------------|--------|------------------------------|
| D ₁ | 264 mm | Bore diameter housing washer |
| d ₁ | 355 mm | Rip diameter shaft washer |
| r _{min} | 2,1 mm | Minimum chamfer dimension |






Temperature range

| | | |
|------------------|--------|----------------------------|
| T _{min} | -30 °C | Operating temperature min. |
| T _{max} | 120 °C | Operating temperature max. |

Additional information

| | |
|----------|--------------------------------|
| K81252-M | Axial roller and cage assembly |
| GS81252 | Housing Washer |
| WS81252 | Shaft washer |

Characteristics

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