

**81224-M-A**

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 | 120 mm | Bore diameter |
| T | 39 mm | Height |
| C _a | 310.000 N | Basic dynamic load rating, axial |
| C _{0a} | 980.000 N | Basic static load rating, axial |
| C _{ua} | 99.000 N | Fatigue load limit, axial |
| n _G | 1.990 1/min | Limiting speed |
| n _{gr} | 880 1/min | Reference speed |
| D | 170 mm | Outside diameter |
| ≈m | 2,974 kg | Weight |

Mounting dimensions

| | | |
|--------------------|--------|--------------------------------------|
| d _{a min} | 162 mm | Minimum diameter shaft shoulder |
| D _{a max} | 127 mm | Maximum diameter of housing shoulder |
| r _{a max} | 1,1 mm | Maximum recess radius |

Dimensions

| | | |
|------------------|--------|------------------------------|
| D ₁ | 123 mm | Bore diameter housing washer |
| d ₁ | 170 mm | Rip diameter shaft washer |
| r _{min} | 1,1 mm | Minimum chamfer dimension |







Temperature range

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

Additional information

| | |
|----------|--------------------------------|
| K81124-M | Axial roller and cage assembly |
| GS81124 | Housing Washer |
| WS81124 | Shaft washer |

Characteristics

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