

**81276-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 | 380 mm | Bore diameter |
| T | 112 mm | Height |
| C _a | 2.800.000 N | Basic dynamic load rating, axial |
| C _{0a} | 11.100.000 N | Basic static load rating, axial |
| C _{ua} | 910.000 N | Fatigue load limit, axial |
| n _G | 640 1/min | Limiting speed |
| n _{gr} | 193 1/min | Reference speed |
| D | 520 mm | Outside diameter |
| m | 78,1 kg | Weight |

Mounting dimensions

| | | |
|--------------------|--------|--------------------------------------|
| d _{a min} | 511 mm | Minimum diameter shaft shoulder |
| D _{a max} | 413 mm | Maximum diameter of housing shoulder |
| r _{a max} | 4 mm | Maximum recess radius |



Dimensions

| | | |
|------------------|--------|------------------------------|
| D ₁ | 385 mm | Bore diameter housing washer |
| d ₁ | 515 mm | Rip diameter shaft washer |
| r _{min} | 4 mm | Minimum chamfer dimension |





Temperature range

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

Additional information

| | |
|----------|--------------------------------|
| K81276-M | Axial roller and cage assembly |
| GS81276 | Housing Washer |
| WS81276 | Shaft washer |

Characteristics

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