

**81217-TV** [↗](#)

Axial cylindrical roller bearing

Axial cylindrical roller bearings 874, single direction, comprising K874, GS, WS



Technical information



Your current product variant

| | | |
|------|----|-----------------------------|
| Cage | TV | Plastic Cage made from PA66 |
|------|----|-----------------------------|

Main Dimensions & Performance Data

| | | |
|-----------------|-------------|----------------------------------|
| d | 85 mm | Bore diameter |
| T | 31 mm | Height |
| C _a | 216.000 N | Basic dynamic load rating, axial |
| C _{0a} | 660.000 N | Basic static load rating, axial |
| C _{ua} | 66.000 N | Fatigue load limit, axial |
| n _G | 2.750 1/min | Limiting speed |
| n _{gr} | 1.060 1/min | Reference speed |
| D | 125 mm | Outside diameter |
| m | 1,188 kg | Weight |

Mounting dimensions

| | | |
|--------------------|--------|--------------------------------------|
| d _{a min} | 119 mm | Minimum diameter shaft shoulder |
| D _{a max} | 90 mm | Maximum diameter of housing shoulder |
| r _{a max} | 1 mm | Maximum recess radius |



Dimensions

| | | |
|------------------|--------|------------------------------|
| D ₁ | 88 mm | Bore diameter housing washer |
| d ₁ | 125 mm | Rip diameter shaft washer |
| r _{min} | 1 mm | Minimum chamfer dimension |

Temperature range

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

Additional information

| | |
|-----------|--------------------------------|
| K81217-TV | Axial roller and cage assembly |
| GS81217 | Housing Washer |
| WS81217 | Shaft washer |
| LS5070 | Track Washer |

Characteristics

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