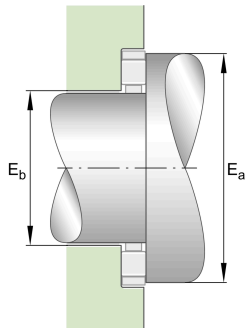


**K81106-TV**

Axial cyl roller and cage assy -LS

Axial cylindrical roller and cage assembly
K811, single direction, suitable for
combination with axial bearing washers

Technical information

**Your current product variant**

| | | |
|-----------------|-----|-----------------------------|
| Cage | TV | Plastic Cage made from PA66 |
| Tolerance class | 0-8 | Roller Sorting 0-8 |

Main Dimensions & Performance Data

| | | |
|----------|-------------|----------------------------------|
| D_{c1} | 30 mm | Bore diameter cage |
| D_c | 47 mm | Cage outer diameter |
| D_w | 5 mm | Rolling element diameter |
| C_a | 35.500 N | Basic dynamic load rating, axial |
| C_{0a} | 86.000 N | Basic static load rating, axial |
| C_{ua} | 8.200 N | Fatigue load limit, axial |
| n_G | 7.500 1/min | Limiting speed |
| n_{gr} | 3.050 1/min | Reference speed |
| m | 15,7 g | Weight |

Mounting dimensions

| | | |
|-------|-------|-------------------|
| E_b | 31 mm | Raceway dimension |
| E_a | 46 mm | Raceway dimension |


Temperature range

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



Characteristics

 Axial load in one direction

 Grease Lubrication

 Oil Lubrication

 Not sealed