



K90X97X20

Needle roller cage assembly

Needle roller cage assembly K, single row

Informacje techniczne



Twoja aktualna wersja produktu

|      |    |                   |
|------|----|-------------------|
| Cage | JN | Steel sheet metal |
|------|----|-------------------|

Main Dimensions & Performance Data

|                |       |                                            |
|----------------|-------|--------------------------------------------|
| F <sub>w</sub> | 90 mm | Inner diameter of needle roller complement |
|----------------|-------|--------------------------------------------|

|                |       |                                              |
|----------------|-------|----------------------------------------------|
| E <sub>w</sub> | 97 mm | Outside diameter of needle roller complement |
|----------------|-------|----------------------------------------------|

|                |       |       |
|----------------|-------|-------|
| B <sub>c</sub> | 20 mm | Width |
|----------------|-------|-------|

|                |          |                                   |
|----------------|----------|-----------------------------------|
| C <sub>r</sub> | 45.000 N | Basic dynamic load rating, radial |
|----------------|----------|-----------------------------------|

|                 |           |                                  |
|-----------------|-----------|----------------------------------|
| C <sub>0r</sub> | 113.000 N | Basic static load rating, radial |
|-----------------|-----------|----------------------------------|

|                 |          |                            |
|-----------------|----------|----------------------------|
| C <sub>ur</sub> | 16.100 N | Fatigue load limit, radial |
|-----------------|----------|----------------------------|

|                |             |                |
|----------------|-------------|----------------|
| n <sub>G</sub> | 5.200 1/min | Limiting speed |
|----------------|-------------|----------------|

|                 |             |                 |
|-----------------|-------------|-----------------|
| n <sub>gr</sub> | 3.300 1/min | Reference speed |
|-----------------|-------------|-----------------|

|    |       |      |
|----|-------|------|
| ≈m | 109 g | Masa |
|----|-------|------|

Temperature range

|                  |        |                            |
|------------------|--------|----------------------------|
| T <sub>min</sub> | -30 °C | Operating temperature min. |
|------------------|--------|----------------------------|

|                  |        |                            |
|------------------|--------|----------------------------|
| T <sub>max</sub> | 140 °C | Operating temperature max. |
|------------------|--------|----------------------------|



### Właściwości

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Obciążenie promieniowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia



Mala przestrzeń zabudowy