

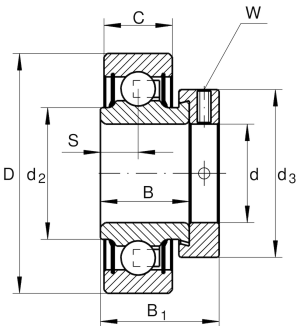
**RAE45-XL-NPP-FA106**

Radial insert ball bearing

Radial insert ball bearing RAE...XL-NPP

X-life

Informacje techniczne



Main Dimensions & Performance Data

|                 |          |                                   |
|-----------------|----------|-----------------------------------|
| d               | 45 mm    | Bore diameter                     |
| D               | 85 mm    | Outside diameter                  |
| B               | 30,2 mm  | Width                             |
| B <sub>1</sub>  | 43,8 mm  | Locking collar total width        |
| C <sub>r</sub>  | 32.500 N | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 20.400 N | Basic static load rating, radial  |
| C <sub>ur</sub> | 970 N    | Fatigue load limit, radial        |
| ≈m              | 0,72 kg  | Masa                              |

Dimensions

|                |         |                                         |
|----------------|---------|-----------------------------------------|
| C              | 22 mm   | Width, outer ring                       |
| S              | 11 mm   | Distance raceway                        |
| d <sub>2</sub> | 54,5 mm | Rib diameter sealing inner ring         |
| d <sub>3</sub> | 63 mm   | Outside diameter locking collar/locknut |
| W              | 5 mm    | Width of flats                          |

Temperature range

|                  |        |                            |
|------------------|--------|----------------------------|
| T <sub>min</sub> | -20 °C | Operating temperature min. |
| T <sub>max</sub> | 120 °C | Operating temperature max. |



Calculation factors

|       |      |                    |
|-------|------|--------------------|
| $f_0$ | 14,1 | Calculation factor |
|-------|------|--------------------|

Właściwości

-   $F_r$  Obciążenie promieniowe
-   $F_a$  Obciążenie osiowe jednokierunkowe
-   $F_a$  Obciążenie osiowe dwukierunkowe
-   $L_h$  Smarowanie dożywotnie, bezobsługowe
-  Smarowanie smarem
-  Uszczelnienie dwustronne