



FAG

6216-2Z-L069-C4

Deep groove ball bearing

Deep groove ball bearing 62...-2Z, single row, shields, steel sheet metal cage

Informacje techniczne



Twoja aktualna wersja produktu

|                                  |              |                                                                     |
|----------------------------------|--------------|---------------------------------------------------------------------|
| Sealing                          | 2Z           | Non-contact shield on both sides                                    |
| Cage                             | JN           | Steel sheet metal                                                   |
| Tolerance class                  | PN           | Normal (ISO 492:2023)                                               |
| Dimensional / heat stabilization | S0           | Rings dimensional stabilized up to 150°                             |
| Lubricant                        | L069         | Low noise high-temperature grease, interchangeable with grease L207 |
| Radial internal clearance        | C4 (Group 4) | Internal clearance larger than C3                                   |
| Bore type                        | Z            | Cylindrical                                                         |

Main Dimensions & Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 80 mm       | Bore diameter                     |
| D               | 140 mm      | Outside diameter                  |
| B               | 26 mm       | Width                             |
| C <sub>r</sub>  | 77.000 N    | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 55.000 N    | Basic static load rating, radial  |
| C <sub>ur</sub> | 3.650 N     | Fatigue load limit, radial        |
| n <sub>G</sub>  | 6.200 1/min | Limiting speed                    |
| n <sub>gr</sub> | 5.500 1/min | Reference speed                   |
| m               | 1,494 kg    | Masa                              |



Mounting dimensions

|             |        |                                      |
|-------------|--------|--------------------------------------|
| $d_{a\min}$ | 91 mm  | Minimum diameter shaft shoulder      |
| $D_{a\max}$ | 129 mm | Maximum diameter of housing shoulder |
| $r_{a\max}$ | 2 mm   | Maximum fillet radius                |

Dimensions

|            |           |                              |
|------------|-----------|------------------------------|
| $r_{\min}$ | 2 mm      | Minimum chamfer dimension    |
| $D_1$      | 121,48 mm | Shoulder diameter outer ring |
| $D_2$      | 124,38 mm | Caliber diameter outer ring  |
| $d_1$      | 98,5 mm   | Shoulder diameter inner ring |

Temperature range

|            |        |                            |
|------------|--------|----------------------------|
| $T_{\min}$ | -30 °C | Operating temperature min. |
| $T_{\max}$ | 150 °C | Operating temperature max. |

Calculation factors

|       |    |                    |
|-------|----|--------------------|
| $f_0$ | 15 | Calculation factor |
|-------|----|--------------------|

Właściwości

|  |                                     |
|--|-------------------------------------|
|  | Obciążenie promieniowe              |
|  | Obciążenie osiowe jednokierunkowe   |
|  | Obciążenie osiowe dwukierunkowe     |
|  | Smarowanie dożywotnie, bezobsługowe |
|  | Smarowanie smarem                   |
|  | Uszczelnienie dwustronne            |