



FAG

6217-J20GA-R69-85

Deep groove ball bearing

Deep groove ball bearing 62...-J20GA, single row, steel sheet metal cage, ceramic coated

Informacje techniczne



Twoja aktualna wersja produktu

|                                  |         |                                               |
|----------------------------------|---------|-----------------------------------------------|
| Sealing                          | Without | Not sealed                                    |
| Cage                             | JN      | Steel sheet metal                             |
| Tolerance class                  | PN      | Normal (ISO 492:2023)                         |
| Dimensional / heat stabilization | S0      | Rings dimensional stabilized up to 150°       |
| Lubricant                        | Without | Bearing not greased                           |
| Radial internal clearance        | R\$-\$  | Special radial internal clearance in µm       |
| Bore type                        | Z       | Cylindrical                                   |
| Coating                          | J20GA   | Current insulation, outer ring ceramic coated |

Main Dimensions & Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 85 mm       | Bore diameter                     |
| D               | 150 mm      | Outside diameter                  |
| B               | 28 mm       | Width                             |
| C <sub>r</sub>  | 89.000 N    | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 64.000 N    | Basic static load rating, radial  |
| C <sub>ur</sub> | 4.050 N     | Fatigue load limit, radial        |
| n <sub>G</sub>  | 6.700 1/min | Limiting speed                    |
| n <sub>gr</sub> | 5.300 1/min | Reference speed                   |
| ≈m              | 1,82 kg     | Masa                              |



Mounting dimensions

|             |        |                                      |
|-------------|--------|--------------------------------------|
| $d_{a\min}$ | 96 mm  | Minimum diameter shaft shoulder      |
| $D_{a\max}$ | 139 mm | Maximum diameter of housing shoulder |
| $r_{a\max}$ | 2 mm   | Maximum fillet radius                |

Dimensions

|            |           |                              |
|------------|-----------|------------------------------|
| $r_{\min}$ | 2 mm      | Minimum chamfer dimension    |
| $D_1$      | 130,15 mm | Shoulder diameter outer ring |
| $d_1$      | 106,58 mm | Shoulder diameter inner ring |

Temperature range

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

Calculation factors

|       |      |                    |
|-------|------|--------------------|
| $f_0$ | 14,8 | Calculation factor |
|-------|------|--------------------|

Właściwości

|                                                                                     |                                   |
|-------------------------------------------------------------------------------------|-----------------------------------|
|  | Obciążenie promieniowe            |
|  | Obciążenie osiowe jednokierunkowe |
|  | Obciążenie osiowe dwukierunkowe   |
|  | Smarowanie smarem                 |
|  | Smarowanie olejem                 |
|  | Bez uszczelnienia                 |
|  | Izolowane                         |