



FAG

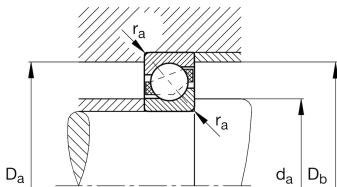
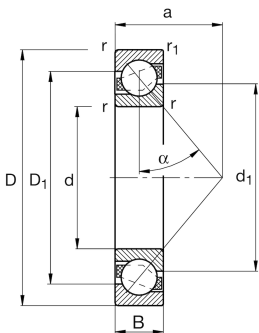
7060-MP-P5

Angular contact ball bearing

Angular contact ball bearing 70..-MP, single row, solid brass cage



Informacje techniczne



Twoja aktualna wersja produktu

|                                  |         |                                         |
|----------------------------------|---------|-----------------------------------------|
| Sealing                          | Without | Not sealed                              |
| Cage                             | MP      | Solid brass cage, ball guided           |
| Tolerance class                  | P5      | Class 5 (ISO 492:2023)                  |
| Dimensional / heat stabilization | S1      | Rings dimensional stabilized up to 200° |
| Lubricant                        | Without | Bearing not greased                     |

Main Dimensions & Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 300 mm      | Bore diameter                     |
| D               | 460 mm      | Outside diameter                  |
| B               | 74 mm       | Width                             |
| C <sub>r</sub>  | 430.000 N   | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 760.000 N   | Basic static load rating, radial  |
| C <sub>ur</sub> | 20.200 N    | Fatigue load limit, radial        |
| n <sub>G</sub>  | 2.030 1/min | Limiting speed                    |
| n <sub>gr</sub> | 1.400 1/min | Reference speed                   |
| ≈m              | 42 kg       | Masa                              |



Mounting dimensions

|               |          |                                      |
|---------------|----------|--------------------------------------|
| $d_{a\ min}$  | 314,6 mm | Minimum diameter of shaft shoulder   |
| $D_{a\ max}$  | 445,4 mm | Maximum diameter of housing shoulder |
| $D_{b\ max}$  | 453 mm   | Maximum diameter of housing shoulder |
| $r_{a\ max}$  | 3 mm     | Maximum fillet radius of shaft       |
| $r_{a1\ max}$ | 1,5 mm   | Maximum fillet radius of housing     |

Dimensions

|              |           |                                                   |
|--------------|-----------|---------------------------------------------------|
| $r_{\ min}$  | 4 mm      | Minimum chamfer dimension                         |
| $r_{1\ min}$ | 1,5 mm    | Minimum chamfer dimension                         |
| $D_1$        | 402,85 mm | Shoulder diameter on outer ring wide side face    |
| $d_1$        | 360,6 mm  | Shoulder diameter on inner ring wide side face    |
| $a$          | 146,7 mm  | Distance between the apexes of the pressure cones |
| $\alpha$     | 30 °      | Contact angle                                     |

Temperature range

|             |        |                            |
|-------------|--------|----------------------------|
| $T_{\ min}$ | -30 °C | Operating temperature min. |
| $T_{\ max}$ | 200 °C | Operating temperature max. |

Właściwości

-  Obciążenie promieniowe
-  Obciążenie osiowe jednokierunkowe
-  Smarowanie smarem
-  Smarowanie olejem
-  Bez uszczelnienia
-  Łożysko gabarytowe