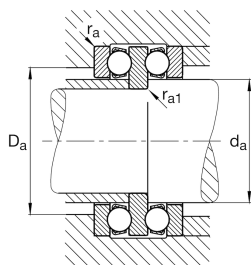
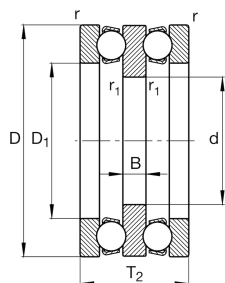


**FAG****52216**

Axial deep groove ball bearing

Axial deep groove ball bearing 522, double direction, steel sheet metal cage

## Informacje techniczne



## Twoja aktualna wersja produktu

|                                  |    |                                         |
|----------------------------------|----|-----------------------------------------|
| Cage                             | JP | Steel sheet metal                       |
| Tolerance class                  | PN | Normal (ISO 492:2023)                   |
| Dimensional / heat stabilization | S0 | Rings dimensional stabilized up to 150° |

## Main Dimensions &amp; Performance Data

|                 |             |                                  |
|-----------------|-------------|----------------------------------|
| d               | 65 mm       | Inner diameter shaft washer      |
| D               | 115 mm      | Outer diameter housing washer    |
| T <sub>2</sub>  | 48 mm       | Height                           |
| C <sub>a</sub>  | 75.000 N    | Basic dynamic load rating, axial |
| C <sub>0a</sub> | 191.000 N   | Basic static load rating, axial  |
| C <sub>ua</sub> | 8.800 N     | Fatigue load limit, axial        |
| n <sub>G</sub>  | 3.700 1/min | Limiting speed                   |
| n <sub>gr</sub> | 4.150 1/min | Reference speed                  |
| ≈m              | 1,568 kg    | Masa                             |

## Mounting dimensions

|                     |       |                                      |
|---------------------|-------|--------------------------------------|
| d <sub>a max</sub>  | 80 mm | Maximum diameter shaft shoulder      |
| D <sub>a max</sub>  | 94 mm | Maximum diameter of housing shoulder |
| r <sub>a max</sub>  | 1 mm  | Maximum filled radius                |
| r <sub>a1 max</sub> | 1 mm  | Maximum filled radius                |



Dimensions

|         |       |                               |
|---------|-------|-------------------------------|
| D 1     | 82 mm | Inner diameter housing washer |
| B       | 10 mm | Height shaft washer           |
| r min   | 1 mm  | Minimum chamfer dimension     |
| r 1 min | 1 mm  | Minimum chamfer dimension     |

Temperature range

|       |        |                            |
|-------|--------|----------------------------|
| T min | -30 °C | Operating temperature min. |
| T max | 150 °C | Operating temperature max. |

Calculation factors

|   |      |                     |
|---|------|---------------------|
| A | 0,23 | Minimum load factor |
|---|------|---------------------|

Właściwości

-  Obciążenie osiowe jednokierunkowe
-  Obciążenie osiowe dwukierunkowe
-  Smarowanie smarem
-  Smarowanie olejem
-  Bez uszczelnienia