



FAG

**7326-B-XL-TVP** [↗](#)

Angular contact ball bearing

Angular contact ball bearing 73..-B-XL-TVP, single row, X-life, plastic cage

X-life

## Technical information



## Your current product variant

|                                  |         |   |
|----------------------------------|---------|---|
| Design variant                   | B       | B   |
| Sealing                          | Without | Not sealed  |
| Cage                             | TVP     | Solid cage made of glass-fiber reinforced polyamid PA66 |
| Tolerance class                  | PN      | Normal (ISO 492:2023)                                   |
| Dimensional / heat stabilization | S1      | Rings dimensional stabilized up to 200°                 |
| Lubricant                        | Without | Bearing not greased                                     |

## Main Dimensions &amp; Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 130 mm      | Bore diameter                     |
| D               | 280 mm      | Outside diameter                  |
| B               | 58 mm       | Width                             |
| C <sub>r</sub>  | 305.000 N   | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 325.000 N   | Basic static load rating, radial  |
| C <sub>ur</sub> | 15.900 N    | Fatigue load limit, radial        |
| n <sub>G</sub>  | 3.050 1/min | Limiting speed                    |
| n <sub>gr</sub> | 2.600 1/min | Reference speed                   |
| ≈m              | 15,1 kg     | Weight                            |



### Mounting dimensions

|               |        |                                      |
|---------------|--------|--------------------------------------|
| $d_{a \min}$  | 147 mm | Minimum diameter of shaft shoulder   |
| $D_{a \max}$  | 263 mm | Maximum diameter of housing shoulder |
| $D_{b \max}$  | 271 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                         |
| $D_1$        | 222,5 mm | Shoulder diameter on outer ring wide side face    |
| $d_1$        | 188,5 mm | Shoulder diameter on inner ring wide side face    |
| $a$          | 115 mm   | Distance between the apexes of the pressure cones |
| $\alpha$     | 40 °     | Contact angle                                     |

### Temperature range

|            |        |                            |
|------------|--------|----------------------------|
| $T_{\min}$ | -30 °C | Operating temperature min. |
| $T_{\max}$ | 120 °C | Operating temperature max. |

### Characteristics

-  Radial load
-  Axial load in one direction
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed