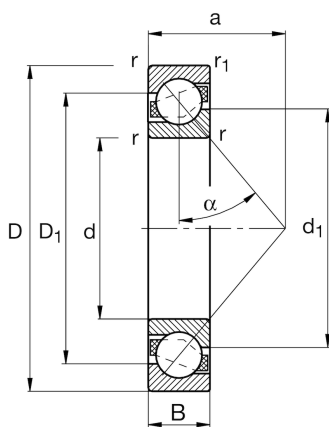
**FAG** 7313-B-XL-TVP-UO

Angular contact ball bearing

Schaeffler ID:
0167262510000Angular contact ball bearing 73..-B-XL-
TVP, single row, X-life, plastic cage

X-life

Technical information



Main Dimensions & Performance Data

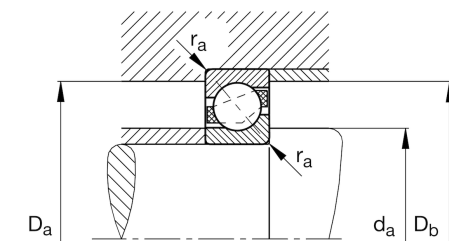
| | | |
|-----------------|----------------|-----------------------------------|
| d | 2,559 in | Bore diameter |
| D | 5,512 in | Outside diameter |
| B | 1,299 in | Width |
| C _r | 24.730,216 lbf | Basic dynamic load rating, radial |
| C _{0r} | 18.435,252 lbf | Basic static load rating, radial |
| C _{ur} | 1.258,993 lbf | Fatigue load limit, radial |
| n _G | 6.500 1/min | Limiting speed |
| n _{gr} | 5.000 1/min | Reference speed |
| | 4,696 lbs | Weight |

Mounting dimensions

| | | |
|---------------------|----------|--------------------------------------|
| d _{a min} | 3,031 in | Minimum diameter of shaft shoulder |
| D _{a max} | 5,039 in | Maximum diameter of housing shoulder |
| D _{b max} | 5,236 in | Maximum diameter of housing shoulder |
| r _{a max} | 0,083 in | Maximum fillet radius of shaft |
| r _{a1 max} | 0,039 in | Maximum fillet radius of housing |

Dimensions

| | | |
|--------------------|----------|---|
| r _{min} | 0,083 in | Minimum chamfer dimension |
| r _{1 min} | 0,043 in | Minimum chamfer dimension |
| D ₁ | 4,39 in | Shoulder diameter on outer ring wide side face |
| d ₁ | 3,752 in | Shoulder diameter on inner ring wide side face |
| a | 2,362 in | Distance between the apexes of the pressure cones |
| α | 40 ° | Contact angle |



Temperature range

| | | |
|------------|--------|----------------------------|
| T_{\min} | -22 °F | Operating temperature min. |
| T_{\max} | 248 °F | Operating temperature max. |

Additional information

| | | |
|------------|------------|--|
| A_{\min} | 0 in | Axial clearance per set min. |
| Tol (+) | 0,00047 in | Tolerance for axial clearance or preload per set |