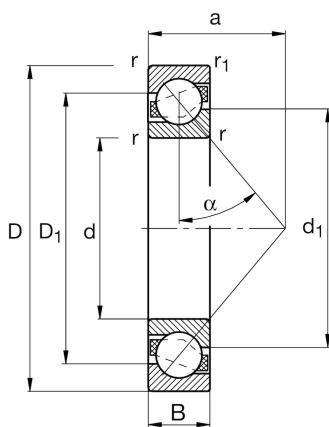
**FAG 7220-B-XL-TVP**

Angular contact ball bearing

Schaeffler ID:
0167256110000Angular contact ball bearing 72..-B-XL-
TVP, single row, X-life, plastic cage

Technical information

**Main Dimensions & Performance Data**

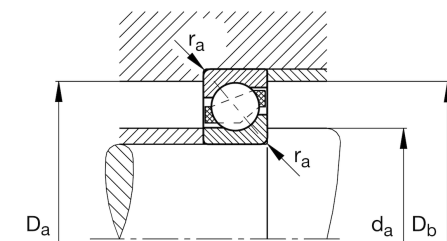
d	100 mm	Bore diameter
D	180 mm	Outside diameter
B	34 mm	Width
C_r	142.000 N	Basic dynamic load rating, radial
C_{0r}	124.000 N	Basic static load rating, radial
C_{ur}	7.300 N	Fatigue load limit, radial
n_G	4.850 1/min	Limiting speed
n_{gr}	4.250 1/min	Reference speed
	3,145 kg	Weight

Mounting dimensions

$d_{a \min}$	112 mm	Minimum diameter of shaft shoulder
$D_{a \max}$	168 mm	Maximum diameter of housing shoulder
$D_{b \max}$	173 mm	Maximaler Durchmesser der Gehäuseschulter
$r_{a \max}$	2,1 mm	Maximum fillet radius of shaft
$r_{a1 \max}$	1 mm	Maximum fillet radius of housing

Dimensions

r_{\min}	2,1 mm	Minimum chamfer dimension
$r_{1 \min}$	1,1 mm	Minimum chamfer dimension
D_1	149,6 mm	Shoulder diameter on outer ring wide side face
d_1	132,3 mm	Shoulder diameter on inner ring wide side face
a	76 mm	Distance between the apexes of the pressure cones
α	40 °	Contact angle



Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	120 °C	Operating temperature max.