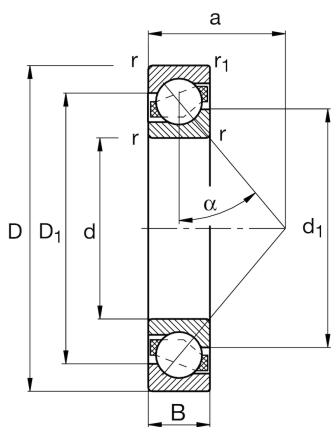
**FAG 7217-B-XL-TVP-UO**

Angular contact ball bearing

Schaeffler ID:
0190031960000Angular contact ball bearing 72..-B-XL-
TVP, single row, X-life, plastic cage

Technické informace

**Main Dimensions & Performance Data**

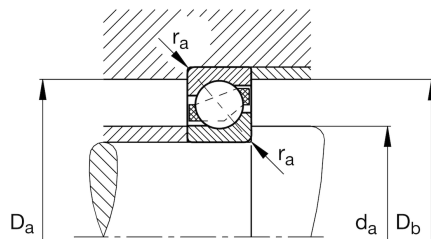
d	85 mm	Bore diameter
D	150 mm	Outside diameter
B	28 mm	Width
C_r	97 000 N	Basic dynamic load rating, radial
C_{0r}	86 000 N	Basic static load rating, radial
C_{ur}	5 500 N	Fatigue load limit, radial
n_G	5 900 1/min	Limiting speed
n_{gr}	4 750 1/min	Reference speed
	1,806 kg	Hmotnost

Dimensions

r_{min}	2 mm	Minimum chamfer dimension
$r_{1 min}$	1 mm	Minimum chamfer dimension
D_1	125 mm	Shoulder diameter on outer ring wide side face
d_1	110,6 mm	Shoulder diameter on inner ring wide side face
a	63 mm	Distance between the apexes of the pressure cones
α	40 °	Contact angle

Mounting dimensions

$d_{a min}$	96 mm	Minimum diameter of shaft shoulder
$D_{a max}$	139 mm	Maximum diameter of housing shoulder
$D_{b max}$	144,4 mm	Maximaler Durchmesser der Gehäuseschulter
$r_{a max}$	2 mm	Maximum fillet radius of shaft
$r_{a1 max}$	1 mm	Maximum fillet radius of housing



Temperature range

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

Additional information

A_{\min}	0 μm	Axial clearance per set min.
Tol (+)	12 μm	Tolerance for axial clearance or preload per set