

FAG

★ 7207-B-XL-2RS-TVP

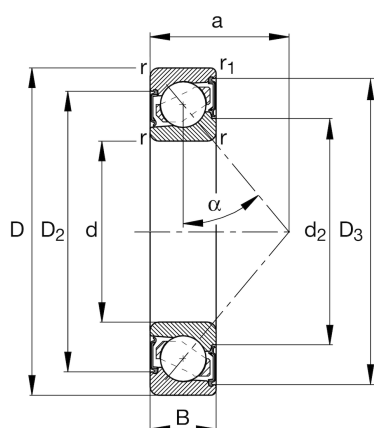
Angular contact ball bearing

Schaeffler ID:
0206766110000Angular contact ball bearing 72..-B-
XL-2RS-TVP, single row, X-life, seals,
plastic cage

★ Preferred product

X-life

Technical information



Temperature range

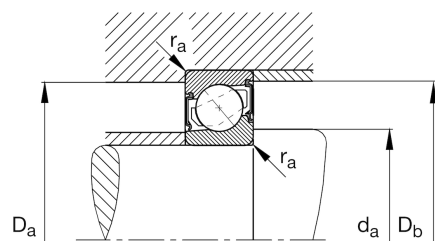
T_{\min}	-20 °C	Operating temperature min.
T_{\max}	110 °C	Operating temperature max.
	0,003 kg	Weight

Main Dimensions & Performance Data

d	35 mm	Bore diameter
D	72 mm	Outside diameter
B	17 mm	Width
C_r	30.000 N	Basic dynamic load rating, radial
C_{0r}	19.000 N	Basic static load rating, radial
C_{ur}	1.320 N	Fatigue load limit, radial
n_G	5.600 1/min	Limiting speed

Dimensions

r_{\min}	1,1 mm	Minimum chamfer dimension
$r_{1\min}$	0,6 mm	Minimum chamfer dimension
D_1	57,6 mm	Shoulder diameter on outer ring wide side face
D_2	60,2 mm	Caliber diameter on outer ring wide side face
D_3	66,5 mm	Caliber diameter on outer ring small side face
d_1	50,2 mm	Shoulder diameter on inner ring wide side face
d_2	45,8 mm	Caliber diameter on inner ring wide side face
a	31 mm	Distance between the apexes of the pressure cones
α	40 °	Contact angle



Mounting dimensions

$d_{a \min}$	42 mm	Minimum diameter of shaft shoulder
$D_{a \max}$	65 mm	Maximum diameter of housing shoulder
$D_{b \max}$	67,8 mm	Maximaler Durchmesser der Gehäuseschulter
$r_{a \max}$	1 mm	Maximum fillet radius of shaft
$r_{a1 \max}$	0,6 mm	Maximum fillet radius of housing