

FAG

★ 7308-B-XL-2RS-TVP

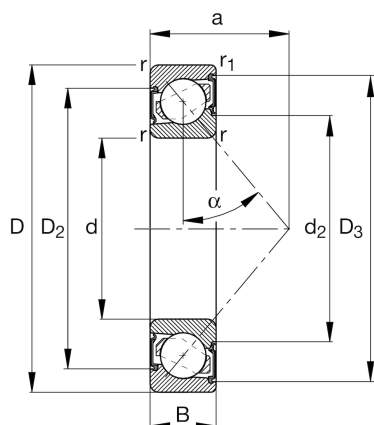
Angular contact ball bearing

Schaeffler ID:
0390296700000Angular contact ball bearing 73..-B-
XL-2RS-TVP, single row, X-life, seals,
plastic cage

★ Preferred product

X-life

Technical information



Temperature range

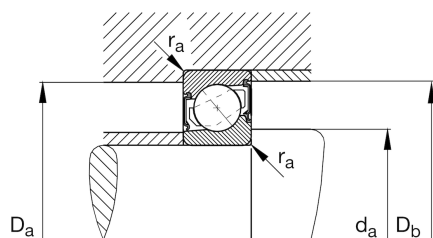
T_{\min}	-20 °C	Operating temperature min.
T_{\max}	110 °C	Operating temperature max.
	0,631 kg	Weight

Main Dimensions & Performance Data

d	40 mm	Bore diameter
D	90 mm	Outside diameter
B	23 mm	Width
C_r	57.000 N	Basic dynamic load rating, radial
C_{0r}	34.500 N	Basic static load rating, radial
C_{ur}	2.390 N	Fatigue load limit, radial
n_G	4.650 1/min	Limiting speed

Dimensions

r_{\min}	1,5 mm	Minimum chamfer dimension
$r_{1\min}$	1 mm	Minimum chamfer dimension
D_1	71,3 mm	Shoulder diameter on outer ring wide side face
D_2	73,9 mm	Caliber diameter on outer ring wide side face
D_3	83,3 mm	Caliber diameter on outer ring small side face
d_1	60 mm	Shoulder diameter on inner ring wide side face
d_2	55,6 mm	Caliber diameter on inner ring wide side face
a	39 mm	Distance between the apexes of the pressure cones
α	40 °	Contact angle



Mounting dimensions

$d_{a \min}$	49 mm	Minimum diameter of shaft shoulder
$D_{a \max}$	81 mm	Maximum diameter of housing shoulder
$D_{b \max}$	84,4 mm	Maximaler Durchmesser der Gehäuseschulter
$r_{a \max}$	1,5 mm	Maximum fillet radius of shaft
$r_{a1 \max}$	1 mm	Maximum fillet radius of housing