

FAG

★ 7302-B-XL-2RS-TVP

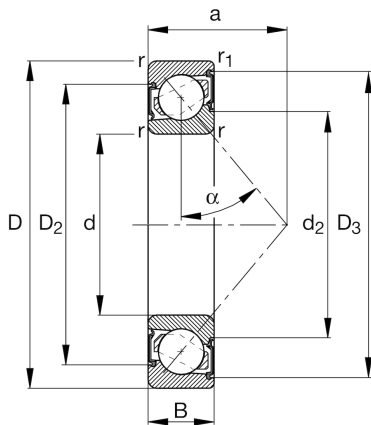
Angular contact ball bearing

Schaeffler ID:
0206766460000Angular 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.
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T_{max}	110 °C	Operating temperature max.
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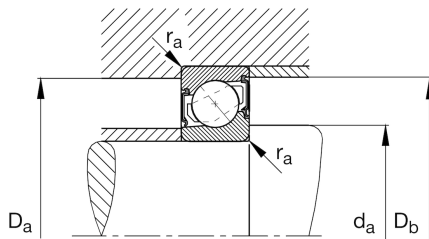
	78 g	Weight
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Main Dimensions & Performance Data

d	15 mm	Bore diameter
D	42 mm	Outside diameter
B	13 mm	Width
C_r	15.100 N	Basic dynamic load rating, radial
C_{0r}	7.200 N	Basic static load rating, radial
C_{ur}	495 N	Fatigue load limit, radial
n_G	11.100 1/min	Limiting speed

Dimensions

r_{min}	1 mm	Minimum chamfer dimension
r_{1min}	0,6 mm	Minimum chamfer dimension
D_1	31,7 mm	Shoulder diameter on outer ring wide side face
D_2	33,3 mm	Caliber diameter on outer ring wide side face
D_3	38,1 mm	Caliber diameter on outer ring small side face
d_1	26 mm	Shoulder diameter on inner ring wide side face
d_2	22,9 mm	Caliber diameter on inner ring wide side face
a	18 mm	Distance between the apexes of the pressure cones
α	40 °	Contact angle



Mounting dimensions

$d_{a\ min}$	20,6 mm	Minimum diameter of shaft shoulder
$D_{a\ max}$	36,4 mm	Maximum diameter of housing shoulder
$D_{b\ max}$	37,8 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