



FAG

★ 7318-B-XL-TVP

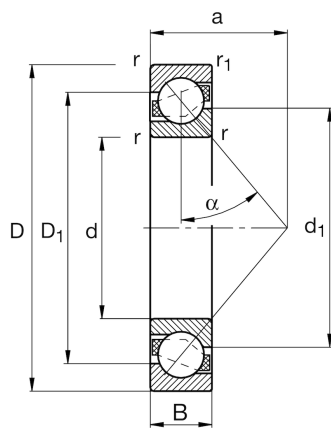
Angular contact ball bearing

Schaeffler ID:
0191180660000Angular contact ball bearing 73..-B-XL-
TVP, single row, X-life, plastic cage

★ Preferred product

X-life

Technical information



Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	120 °C	Operating temperature max.
	4,97 kg	Weight

Main Dimensions & Performance Data

d	90 mm	Bore diameter
D	190 mm	Outside diameter
B	43 mm	Width
C_r	180.000 N	Basic dynamic load rating, radial
C_{0r}	155.000 N	Basic static load rating, radial
C_{ur}	9.100 N	Fatigue load limit, radial
n_G	4.650 1/min	Limiting speed
n_{gr}	3.900 1/min	Reference speed

Dimensions

r_{\min}	3 mm	Minimum chamfer dimension
$r_{1\min}$	1,1 mm	Minimum chamfer dimension
D_1	152,4 mm	Shoulder diameter on outer ring wide side face
d_1	130,1 mm	Shoulder diameter on inner ring wide side face
a	80 mm	Distance between the apexes of the pressure cones
α	40 °	Contact angle

Mounting dimensions

$d_{a\min}$	104 mm	Minimum diameter of shaft shoulder
$D_{a\max}$	176 mm	Maximum diameter of housing shoulder
$D_{b\max}$	183 mm	Maximaler Durchmesser der Gehäuseschulter
$r_{a\max}$	2,5 mm	Maximum fillet radius of shaft
$r_{a1\max}$	1 mm	Maximum fillet radius of housing

