



FAG

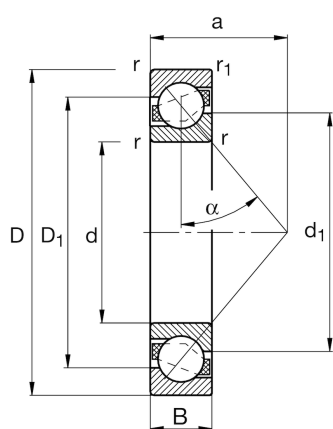
7206-B-XL-TVP

Angular contact ball bearing

Schaeffler ID:
0167251070000Angular contact ball bearing 72..-B-XL-
TVP, single row, X-life, plastic cage

X-life

Technical information

**Dimensions**

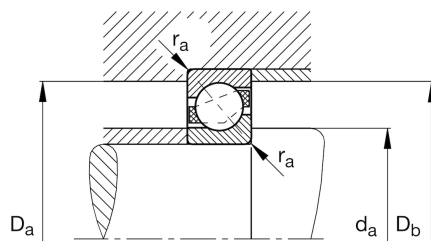
r_{\min}	1 mm	Minimum chamfer dimension
$r_{1\min}$	0,6 mm	Minimum chamfer dimension
D_1	49,5 mm	Shoulder diameter on outer ring wide side face
d_1	43,2 mm	Shoulder diameter on inner ring wide side face
a	27 mm	Distance between the apexes of the pressure cones
α	40 °	Contact angle
	0,196 kg	Weight

Main Dimensions & Performance Data

d	30 mm	Bore diameter
D	62 mm	Outside diameter
B	16 mm	Width
C_r	23.100 N	Basic dynamic load rating, radial
C_{0r}	14.100 N	Basic static load rating, radial
C_{ur}	980 N	Fatigue load limit, radial
n_G	15.800 1/min	Limiting speed
n_{gr}	11.200 1/min	Reference speed

Mounting dimensions

$d_{a\min}$	35,6 mm	Minimum diameter of shaft shoulder
$D_{a\max}$	56,4 mm	Maximum diameter of housing shoulder
$D_{b\max}$	57,8 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



Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	120 °C	Operating temperature max.