

FAG

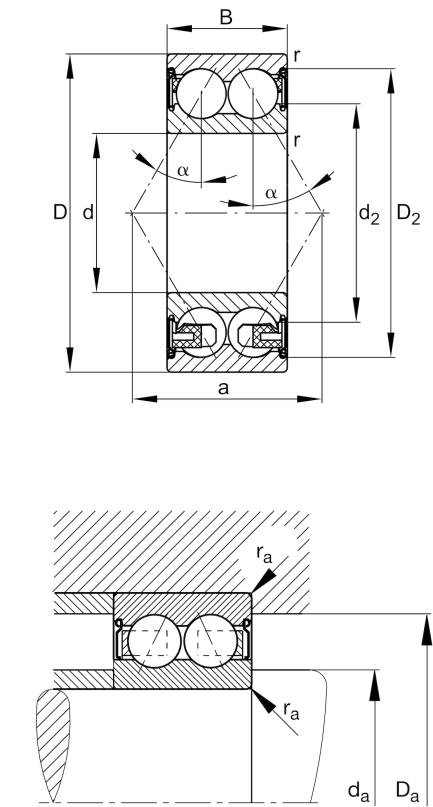
3307-BD-XL-2Z-TVH
Angular contact ball bearing

Schaeffler ID:
0636548060000

Angular contact ball bearing 33..-BD-XL-2Z-TVH, double row, X-life, shields, plastic cage

X-life

Technical information



Main Dimensions & Performance Data

d	35 mm	Bore diameter
D	80 mm	Outside diameter
B	34.9 mm	Width
r _{min}	1.5 mm	Minimum chamfer dimension
C _r	55,000 N	Basic dynamic load rating, radial
C _{0r}	36,500 N	Basic static load rating, radial
C _{ur}	2,550 N	Fatigue load limit, radial
n _G	6,800 1/min	Limiting speed
n _{gr}	8,100 1/min	Reference speed
	0.71 kg	Weight

Dimensions

D ₂	71.9 mm	Caliber diameter outer ring
d ₂	49.6 mm	Kaliberdurchmesser des Innenrings
a	48 mm	Distance between the apexes of the pressure cones
α	30 °	Contact angle

Mounting dimensions

d _{a min}	44 mm	Minimum diameter shaft shoulder
D _{a max}	71 mm	Maximum diameter of housing shoulder
r _{a max}	1.5 mm	Maximum fillet radius

Temperature range

T _{min}	-20 °C	Operating temperature min.
T _{max}	120 °C	Operating temperature max.