

FAG

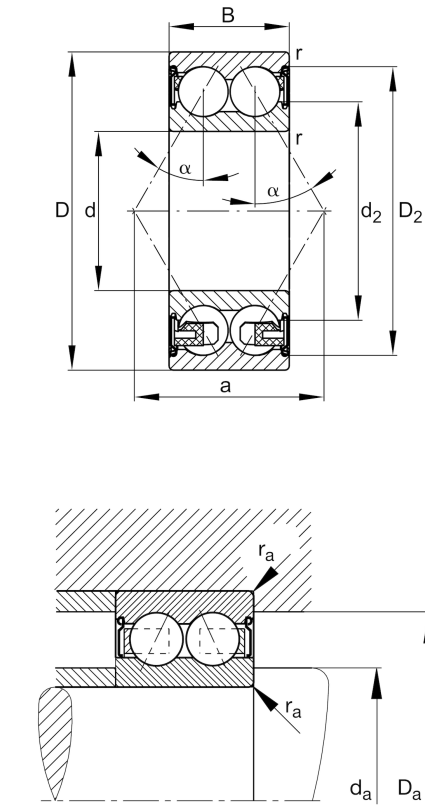
3203-BD-XL-2Z-TVH
Angular contact ball bearing

Schaeffler ID:
0636628250000

Angular contact ball bearing 32..-BD-XL-2Z-TVH, double row, X-life, shields, plastic cage

X-life

Technical information



Main Dimensions & Performance Data

d	17 mm	Bore diameter
D	40 mm	Outside diameter
B	17,5 mm	Width
C _r	15.500 N	Basic dynamic load rating, radial
C _{0r}	9.500 N	Basic static load rating, radial
C _{ur}	660 N	Fatigue load limit, radial
n _G	14.600 1/min	Limiting speed
n _{gr}	16.600 1/min	Reference speed
	0,094 kg	Weight

Dimensions

r _{min}	0,6 mm	Minimum chamfer dimension
D ₂	36,1 mm	Caliber diameter outer ring
d ₂	24,4 mm	Caliber diameter inner ring
a	23,5 mm	Distance between the apexes of the pressure cones
α	30 °	Contact angle

Mounting dimensions

d _{a min}	21,2 mm	Minimum diameter shaft shoulder
D _{a max}	35,8 mm	Maximum diameter of housing shoulder
r _{a max}	0,6 mm	Maximum fillet radius

Temperature range

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