

FAG**3212-BD-XL-TVH**

Angular contact ball bearing

Schaeffler ID:
0637127330000

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

X-life

Technical information

Main Dimensions & Performance Data

d	60 mm	Bore diameter
D	110 mm	Outside diameter
B	36,5 mm	Width
C _r	75.000 N	Basic dynamic load rating, radial
C _{0r}	64.000 N	Basic static load rating, radial
C _{ur}	4.400 N	Fatigue load limit, radial
n _G	6.300 1/min	Limiting speed
n _{gr}	6.700 1/min	Reference speed
	1,27 kg	Weight

Dimensions

r _{min}	1,5 mm	Minimum chamfer dimension
D ₁	97 mm	Shoulder diameter outer ring
d ₁	79 mm	Shoulder diameter inner ring
a	64,7 mm	Distance between the apexes of the pressure cones
α	30 °	Contact angle

Mounting dimensions

d _{a min}	69 mm	Minimum diameter shaft shoulder
D _{a max}	101 mm	Maximum diameter of housing shoulder
r _{a max}	1,5 mm	Maximum fillet radius

Temperature range

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