

**FAG****3213-BD-XL-2HRS-TVH**

Angular contact ball bearing

Schaeffler ID:  
0631096620000Angular contact ball bearing 32..-BD-  
XL-2HRS-TVH, double row, X-life, seals,  
plastic cage**X-life**

## Technical information

**Main Dimensions & Performance Data**

d	65 mm	Bore diameter
D	120 mm	Outside diameter
B	38,1 mm	Width
C <sub>r</sub>	86.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	77.000 N	Basic static load rating, radial
C <sub>ur</sub>	5.300 N	Fatigue load limit, radial
n <sub>G</sub>	4.300 1/min	Limiting speed
	1,63 kg	Weight

**Dimensions**

r <sub>min</sub>	1,5 mm	Minimum chamfer dimension
D <sub>2</sub>	110,1 mm	Caliber diameter outer ring
d <sub>2</sub>	85,3 mm	Caliber diameter inner ring
a	70,6 mm	Distance between the apexes of the pressure cones
α	30 °	Contact angle

**Mounting dimensions**

d <sub>a min</sub>	74 mm	Minimum diameter shaft shoulder
D <sub>a max</sub>	111 mm	Maximum diameter of housing shoulder
r <sub>a max</sub>	1,5 mm	Maximum fillet radius

**Temperature range**

T <sub>min</sub>	-20 °C	Operating temperature min.
T <sub>max</sub>	110 °C	Operating temperature max.