



FAG

## ★ 3305-BD-XL-2HRS-TVH

Angular contact ball bearing

Schaeffler ID:  
0624943090000Angular contact ball bearing 33..-BD-  
XL-2HRS-TVH, double row, X-life, seals,  
plastic cage

★ Preferred product

X-life

## Technical information



## Temperature range

$T_{\min}$	-20 °C	Operating temperature min.
$T_{\max}$	110 °C	Operating temperature max.
	0,352 kg	Weight

## Main Dimensions &amp; Performance Data

d	25 mm	Bore diameter
D	62 mm	Outside diameter
B	25,4 mm	Width
$C_r$	31.500 N	Basic dynamic load rating, radial
$C_{0r}$	21.000 N	Basic static load rating, radial
$C_{ur}$	1.460 N	Fatigue load limit, radial
$n_G$	9.300 1/min	Limiting speed

## Dimensions

$r_{\min}$	1,1 mm	Minimum chamfer dimension
$D_2$	53,7 mm	Caliber diameter outer ring
$d_2$	37,6 mm	Caliber diameter inner ring
a	35,4 mm	Distance between the apexes of the pressure cones
$\alpha$	30 °	Contact angle

## Mounting dimensions

$d_{a \min}$	32 mm	Minimum diameter shaft shoulder
$D_{a \max}$	55 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1 mm	Maximum fillet radius