

FAG**3304-BD-XL-2HRS-TVH**

Angular contact ball bearing

Schaeffler ID:
0641550050000Angular contact ball bearing 33.-BD-
XL-2HRS-TVH, double row, X-life, seals,
plastic cage**X-life**

Technical information

Main Dimensions & Performance Data

d	20 mm	Bore diameter
D	52 mm	Outside diameter
B	22,2 mm	Width
C _r	24.600 N	Basic dynamic load rating, radial
C _{0r}	15.900 N	Basic static load rating, radial
C _{ur}	1.100 N	Fatigue load limit, radial
n _G	11.000 1/min	Limiting speed
	0,217 kg	Weight

Dimensions

r _{min}	1,1 mm	Minimum chamfer dimension
D ₂	46,1 mm	Caliber diameter outer ring
d ₂	31,9 mm	Caliber diameter inner ring
a	30,4 mm	Distance between the apexes of the pressure cones
α	30 °	Contact angle

Mounting dimensions

d _{a min}	27 mm	Minimum diameter shaft shoulder
D _{a max}	45 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum fillet radius

Temperature range

T _{min}	-20 °C	Operating temperature min.
T _{max}	110 °C	Operating temperature max.