

FAG**3202-BD-XL-2HRS-TVH-C3**

Angular contact ball bearing

Schaeffler ID:
0622477190030Angular contact ball bearing 32..-BD-
XL-2HRS-TVH, double row, X-life, seals,
plastic cage**X-life**

Technical information

**Main Dimensions & Performance Data**

d	15 mm	Bore diameter
D	35 mm	Outside diameter
B	15.9 mm	Width
C_r	12,600 N	Basic dynamic load rating, radial
C_{0r}	7,400 N	Basic static load rating, radial
C_{ur}	520 N	Fatigue load limit, radial
n_G	16,700 1/min	Limiting speed
	0.065 kg	Weight

Mounting dimensions

$d_{a \min}$	19.2 mm	Minimum diameter shaft shoulder
$D_{a \max}$	30.8 mm	Maximum diameter of housing shoulder
$r_{a \max}$	0.6 mm	Maximum fillet radius

Dimensions

r_{\min}	0.6 mm	Minimum chamfer dimension
D_2	31.1 mm	Caliber diameter outer ring
d_2	21 mm	Caliber diameter inner ring
a	20.7 mm	Distance between the apexes of the pressure cones
α	30 °	Contact angle

Temperature range

T_{\min}	-20 °C	Operating temperature min.
T_{\max}	100 °C	Operating temperature max.