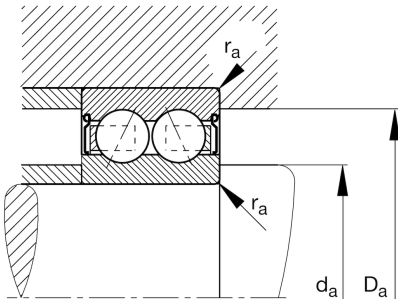
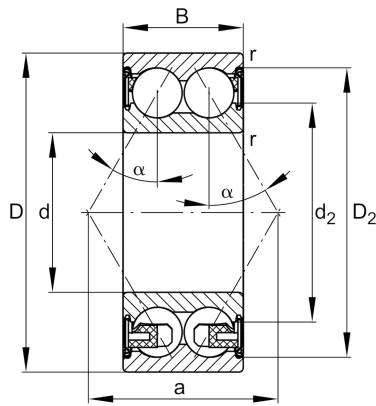


FAG**3202-BD-XL-2Z-TVH**

Angular contact ball bearing

Schaeffler ID:
0647981780000Angular contact ball bearing 32..-BD-
XL-2Z-TVH, double row, X-life, shields,
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
n_{gr}	18,500 1/min	Reference 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.
$T_{\ max}$	120 °C	Operating temperature max.