

**FAG****3313-BD-XL-2HRS-TVH**

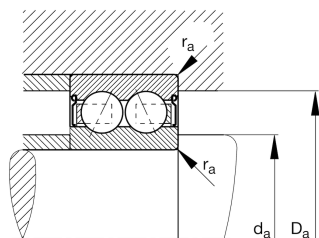
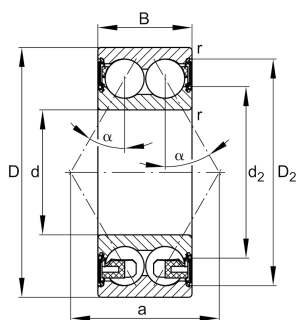
Angular contact ball bearing



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

Materiálové číslo Schaeffler:
0959703630000**X-life**

Technické informace



Vaše aktuální varianta produktu

Design variant	B	Bearing without filling slot
Sealing	2HRS	Contact seal on both sides
Cage	TVH	Solid cage made of glass-fiber reinforced polyamid PA66
Tolerance class	P6	Class6 (P6), better than PN
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°
Lubricant	GA13	Ball bearing and insert bearing grease, standard for D>62mm
Axial internal clearance	CN	Group N (CN)

n.r.

	D	Design variant
≈m	3,56 kg	Hmotnost

Main Dimensions & Performance Data

d	65 mm	Bore diameter
D	140 mm	Outside diameter
B	58,7 mm	Width
C _r	150.000 N	Basic dynamic load rating, radial
C _{0r}	119.000 N	Basic static load rating, radial
C _{ur}	8.100 N	Fatigue load limit, radial
n _G	3.650 1/min	Limiting speed



Mounting dimensions

$d_{a \min}$	77 mm	Minimum diameter shaft shoulder
$D_{a \max}$	128 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2,1 mm	Maximum fillet radius







Dimensions

r_{\min}	2,1 mm	Minimum chamfer dimension
D_1	120,48 mm	Shoulder diameter outer ring
D_2	124,92 mm	Caliber diameter outer ring
d_1	93,4 mm	Shoulder diameter inner ring
d_2	90,58 mm	Caliber diameter inner ring
a	83,5 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.

Vlastnosti

-  Radiální zatížení
-  Axiální zatížení v jednom směru
-  Axiální zatížení ve dvou směrech
-  Celoživotní mazání bez nutnosti údržby
-  Mazání (plastickým) mazivem
-  Utěsněné na obou stranách