



FAG

★ 3308-BD-XL-2HRS

Angular contact ball bearing

Schaeffler ID:
0823051880000

Angular contact ball bearing 33..-BD-XL-2HRS, double row, X-life, seals, steel sheet metal cage

★ Preferred product

X-life

Technical information



Temperature range

T_{\min}	-20 °C	Operating temperature min.
T_{\max}	110 °C	Operating temperature max.
	1,01 kg	Weight

Main Dimensions & Performance Data

d	40 mm	Bore diameter
D	90 mm	Outside diameter
B	36,5 mm	Width
C_r	67.000 N	Basic dynamic load rating, radial
C_{0r}	48.500 N	Basic static load rating, radial
C_{ur}	3.350 N	Fatigue load limit, radial
n_G	6.000 1/min	Limiting speed

Dimensions

r_{\min}	1,5 mm	Minimum chamfer dimension
D_2	79,9 mm	Caliber diameter outer ring
d_2	56,8 mm	Caliber diameter inner ring
a	53,1 mm	Distance between the apexes of the pressure cones
α	30 °	Contact angle

Mounting dimensions

$d_{a \min}$	49 mm	Minimum diameter shaft shoulder
$D_{a \max}$	81 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1,5 mm	Maximum fillet radius