

FAG

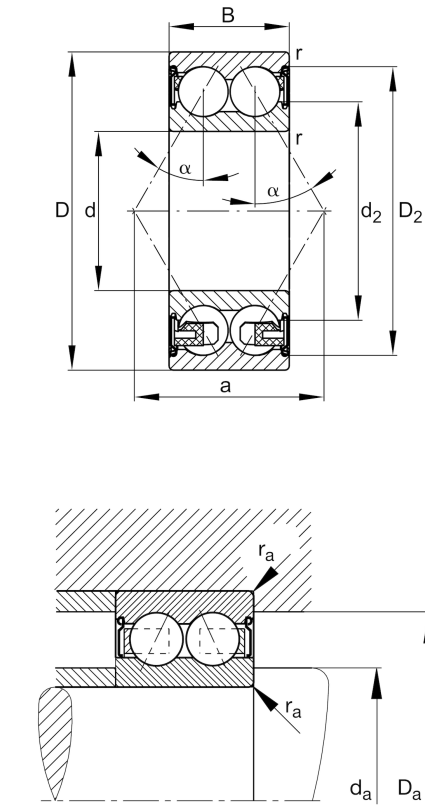
3208-BD-XL-2Z
Angular contact ball bearing

Schaeffler ID:
0816631530000

Angular contact ball bearing 32..-BD-XL-2Z, double row, X-life, shields, steel sheet metal cage

X-life

Technical information



Main Dimensions & Performance Data

d	40 mm	Bore diameter
D	80 mm	Outside diameter
B	30,2 mm	Width
C _r	51.000 N	Basic dynamic load rating, radial
C _{0r}	38.000 N	Basic static load rating, radial
C _{ur}	2.650 N	Fatigue load limit, radial
n _G	6.700 1/min	Limiting speed
n _{gr}	9.100 1/min	Reference speed
	0,604 kg	Weight

Dimensions

r _{min}	1,1 mm	Minimum chamfer dimension
D ₂	72,6 mm	Caliber diameter outer ring
d ₂	52,8 mm	Caliber diameter inner ring
a	47,4 mm	Distance between the apexes of the pressure cones
α	30 °	Contact angle

Mounting dimensions

d _{a min}	47 mm	Minimum diameter shaft shoulder
D _{a max}	73 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}	120 °C	Operating temperature max.