

FAG

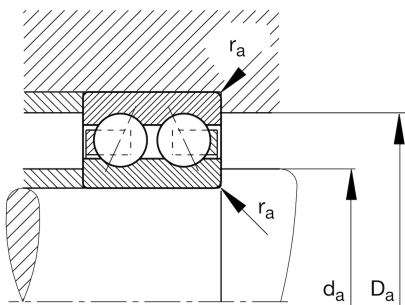
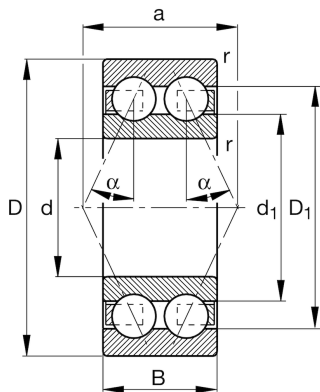
3220-BB-TVH

Angular contact ball bearing

Schaeffler ID:
\${ctx.productData.sapMaterialNumber}

Angular contact ball bearing 32..-B-TVH,
double row, plastic cage

Technical information



Main Dimensions & Performance Data

d	100 mm	Bore diameter
D	180 mm	Outside diameter
B	60,3 mm	Width
C _r	185.000 N	Basic dynamic load rating, radial
C _{0r}	173.000 N	Basic static load rating, radial
C _{ur}	7.600 N	Fatigue load limit, radial
n _G	3.650 1/min	Limiting speed
n _{gr}	4.400 1/min	Reference speed
	5,4 kg	Weight

Dimensions

r _{min}	2,1 mm	Minimum chamfer dimension
D ₁	155,7 mm	Shoulder diameter outer ring
D ₂	157,4 mm	Caliber diameter outer ring
d ₁	124,7 mm	Shoulder diameter inner ring
d ₂	121,3 mm	Caliber diamter inner ring
a	91,3 mm	Distance between the apexes of the pressure cones
α	25 °	Contact angle

Mounting dimensions

d _{a min}	112 mm	Minimum diameter shaft shoulder
D _{a max}	168 mm	Maximum diameter of housing shoulder
r _{a max}	2,1 mm	Maximum fillet radius

Temperature range

T _{min}	-20 °C	Operating temperature min.
T _{max}	120 °C	Operating temperature max.