

FAG

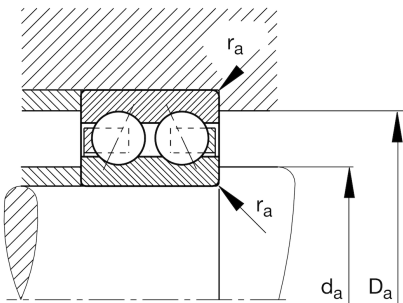
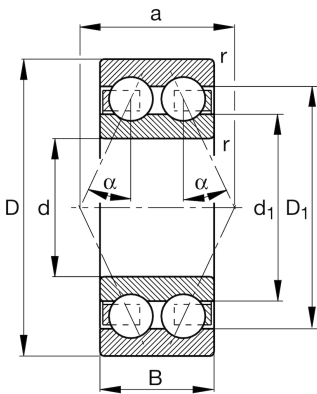
3214-B-TVH

Angular contact ball bearing

Schaeffler ID:
0167123900000

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

Technical information



Main Dimensions & Performance Data

d	70 mm	Bore diameter
D	125 mm	Outside diameter
B	39,7 mm	Width
C _r	82.000 N	Basic dynamic load rating, radial
C _{0r}	79.000 N	Basic static load rating, radial
C _{ur}	4.100 N	Fatigue load limit, radial
n _G	4.150 1/min	Limiting speed
n _{gr}	5.600 1/min	Reference speed
	1,73 kg	Weight

Dimensions

r _{min}	1,5 mm	Minimum chamfer dimension
D ₁	106,3 mm	Shoulder diameter outer ring
d ₁	87 mm	Shoulder diameter inner ring
a	61,6 mm	Distance between the apexes of the pressure cones
α	25 °	Contact angle

Mounting dimensions

d _{a min}	79 mm	Minimum diameter shaft shoulder
D _{a max}	116 mm	Maximum diameter of housing shoulder
r _{a max}	1,5 mm	Maximum fillet radius

Temperature range

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