

FAG

★ 3217

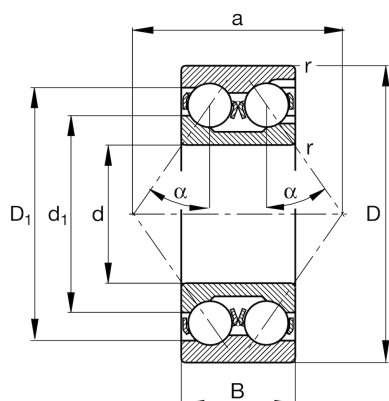
Angular contact ball bearing

Schaeffler ID:
0167124470000

Angular contact ball bearing 32, double row, with filling slot, steel sheet metal cage

★ Preferred product

Technical information



Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	150 °C	Operating temperature max.
	3,316 kg	Weight

Main Dimensions & Performance Data

d	85 mm	Bore diameter
D	150 mm	Outside diameter
B	49,2 mm	Width
C_r	128.000 N	Basic dynamic load rating, radial
C_{0r}	154.000 N	Basic static load rating, radial
C_{ur}	7.400 N	Fatigue load limit, radial
n_G	4.650 1/min	Limiting speed
n_{gr}	4.700 1/min	Reference speed

Dimensions

r_{\min}	2 mm	Minimum chamfer dimension
D_1	135,1 mm	Shoulder diameter outer ring
d_1	108,5 mm	Shoulder diameter inner ring
a	106,3 mm	Distance between the apexes of the pressure cones
α	35 °	Contact angle

Mounting dimensions

$d_{a\min}$	96 mm	Minimum diameter shaft shoulder
$D_{a\max}$	139 mm	Maximum diameter of housing shoulder
$r_{a\max}$	2 mm	Maximum fillet radius

