

FAG

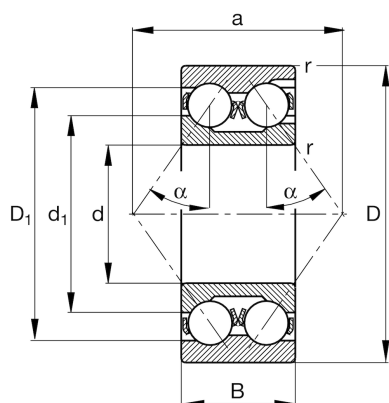
★ 3220

Angular contact ball bearing

Schaeffler ID:
0167124980000Angular 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.
	5,96 kg	Weight

Main Dimensions & Performance Data

d	100 mm	Bore diameter
D	180 mm	Outside diameter
B	60,3 mm	Width
C_r	186.000 N	Basic dynamic load rating, radial
C_{0r}	235.000 N	Basic static load rating, radial
C_{ur}	10.300 N	Fatigue load limit, radial
n_G	3.750 1/min	Limiting speed
n_{gr}	4.050 1/min	Reference speed

Dimensions

r_{\min}	2,1 mm	Minimum chamfer dimension
D_1	163,7 mm	Shoulder diameter outer ring
d_1	131 mm	Shoulder diameter inner ring
a	127,4 mm	Distance between the apexes of the pressure cones
α	35 °	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

