

FAG

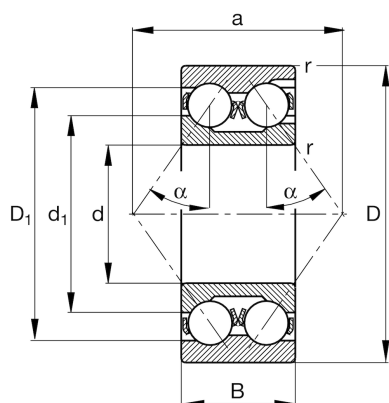
★ 3314

Angular contact ball bearing

Schaeffler ID:
0167138690000Angular contact ball bearing 33, 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.
	4,646 kg	Weight

Main Dimensions & Performance Data

d	70 mm	Bore diameter
D	150 mm	Outside diameter
B	63,5 mm	Width
C_r	167.000 N	Basic dynamic load rating, radial
C_{0r}	176.000 N	Basic static load rating, radial
C_{ur}	8.700 N	Fatigue load limit, radial
n_G	4.750 1/min	Limiting speed
n_{gr}	4.500 1/min	Reference speed

Dimensions

r_{min}	2,1 mm	Minimum chamfer dimension
D_1	131,9 mm	Shoulder diameter outer ring
d_1	98,5 mm	Shoulder diameter inner ring
a	109 mm	Distance between the apexes of the pressure cones
α	35 °	Contact angle

Mounting dimensions

$d_{a min}$	82 mm	Minimum diameter shaft shoulder
$D_{a max}$	138 mm	Maximum diameter of housing shoulder
$r_{a max}$	2,1 mm	Maximum fillet radius

