

FAG

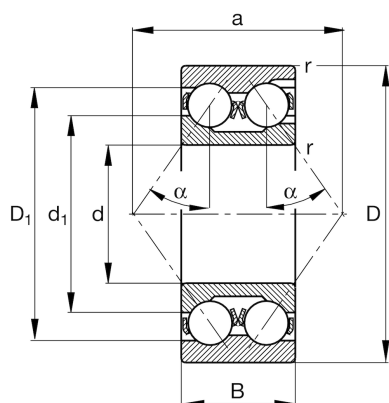
★ 3219-M

Angular contact ball bearing

Schaeffler ID:
0190554390000Angular contact ball bearing 32..-M, double
row, with filling slot, solid brass cage

★ Preferred product

Technical information



Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	150 °C	Operating temperature max.
	5,073 kg	Weight

Main Dimensions & Performance Data

d	95 mm	Bore diameter
D	170 mm	Outside diameter
B	55,6 mm	Width
C_r	161.000 N	Basic dynamic load rating, radial
C_{0r}	193.000 N	Basic static load rating, radial
C_{ur}	8.800 N	Fatigue load limit, radial
n_G	5.300 1/min	Limiting speed
n_{gr}	4.350 1/min	Reference speed

Dimensions

r_{\min}	2,1 mm	Minimum chamfer dimension
D_1	152,8 mm	Shoulder diameter outer ring
d_1	122,2 mm	Shoulder diameter inner ring
a	119,8 mm	Distance between the apexes of the pressure cones
α	35 °	Contact angle

Mounting dimensions

$d_{a\min}$	107 mm	Minimum diameter shaft shoulder
$D_{a\max}$	158 mm	Maximum diameter of housing shoulder
$r_{a\max}$	2,1 mm	Maximum fillet radius

