

FAG

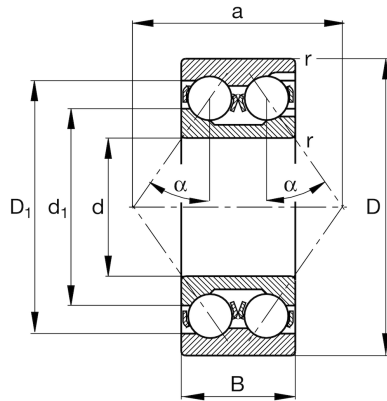
★ 3222-M

Angular contact ball bearing

Schaeffler ID:
0190560600000Angular 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.
	8,948 kg	Weight

Main Dimensions & Performance Data

d	110 mm	Bore diameter
D	200 mm	Outside diameter
B	69,8 mm	Width
C_r	236.000 N	Basic dynamic load rating, radial
C_{0r}	290.000 N	Basic static load rating, radial
C_{ur}	12.200 N	Fatigue load limit, radial
n_G	4.400 1/min	Limiting speed
n_{gr}	3.750 1/min	Reference speed

Dimensions

r_{\min}	2,1 mm	Minimum chamfer dimension
D_1	180,1 mm	Shoulder diameter outer ring
d_1	143,3 mm	Shoulder diameter inner ring
a	143,5 mm	Distance between the apexes of the pressure cones
α	35 °	Contact angle

Mounting dimensions

$d_{a\min}$	122 mm	Minimum diameter shaft shoulder
$D_{a\max}$	188 mm	Maximum diameter of housing shoulder
$r_{a\max}$	2,1 mm	Maximum fillet radius

