

FAG

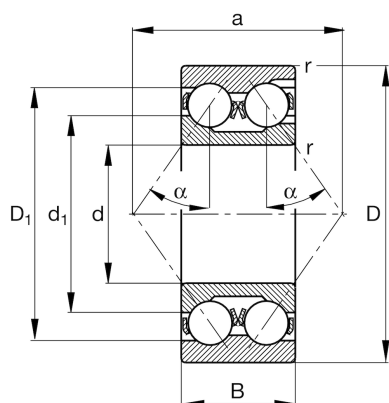
## ★ 3320-M

Angular contact ball bearing

Schaeffler ID:  
0167140590000Angular contact ball bearing 33..-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.
	14,112 kg	Weight

## Main Dimensions &amp; Performance Data

d	100 mm	Bore diameter
D	215 mm	Outside diameter
B	82,6 mm	Width
$C_r$	285.000 N	Basic dynamic load rating, radial
$C_{0r}$	340.000 N	Basic static load rating, radial
$C_{ur}$	14.100 N	Fatigue load limit, radial
$n_G$	4.200 1/min	Limiting speed
$n_{gr}$	3.000 1/min	Reference speed

## Dimensions

$r_{\min}$	3 mm	Minimum chamfer dimension
$D_1$	188,7 mm	Shoulder diameter outer ring
$d_1$	142,5 mm	Shoulder diameter inner ring
a	153,3 mm	Distance between the apexes of the pressure cones
$\alpha$	35 °	Contact angle

## Mounting dimensions

$d_{a\min}$	114 mm	Minimum diameter shaft shoulder
$D_{a\max}$	201 mm	Maximum diameter of housing shoulder
$r_{a\max}$	2,5 mm	Maximum fillet radius

