



FAG

3322-M

Angular contact ball bearing

Schaeffler ID:
0167141720000Angular contact ball bearing 33..-M, double
row, with filling slot, solid brass cage

Technical information

Main Dimensions & Performance Data

d	110 mm	Bore diameter
D	240 mm	Outside diameter
B	92,1 mm	Width
C_r	330.000 N	Basic dynamic load rating, radial
C_{0r}	425.000 N	Basic static load rating, radial
C_{ur}	16.800 N	Fatigue load limit, radial
n_G	3.750 1/min	Limiting speed
n_{gr}	2.650 1/min	Reference speed
	20 kg	Weight

Dimensions

r_{min}	3 mm	Minimum chamfer dimension
D_1	209,6 mm	Shoulder diameter outer ring
d_1	161,54 mm	Shoulder diameter inner ring
a	170,5 mm	Distance between the apexes of the pressure cones
α	35 °	Contact angle

Mounting dimensions

$d_{a min}$	124 mm	Minimum diameter shaft shoulder
$D_{a max}$	226 mm	Maximum diameter of housing shoulder
$r_{a max}$	2,5 mm	Maximum fillet radius

Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	150 °C	Operating temperature max.

