

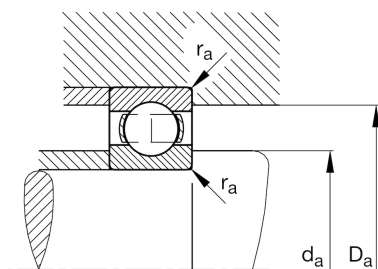
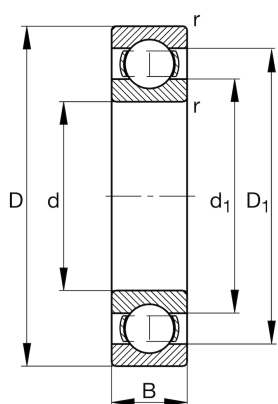
FAG

6320-M

Deep groove ball bearing

Schaeffler ID:
0167244290000Deep groove ball bearing 63.-M, single
row, solid brass cage

Technical information

**Temperature range**

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	150 °C	Operating temperature max.
	8,65 kg	Weight

Main Dimensions & Performance Data

d	100 mm	Bore diameter
D	215 mm	Outside diameter
B	47 mm	Width
C_r	177.000 N	Basic dynamic load rating, radial
C_{0r}	137.000 N	Basic static load rating, radial
C_{ur}	7.400 N	Fatigue load limit, radial
n_G	5.500 1/min	Limiting speed
n_{gr}	4.600 1/min	Reference speed

Dimensions

r_{\min}	3 mm	Minimum chamfer dimension
D_1	179,7 mm	Shoulder diameter outer ring
d_1	138,6 mm	Shoulder diameter inner ring

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

Calculation factors

f_0	13,7	Calculation factor
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