

FAG

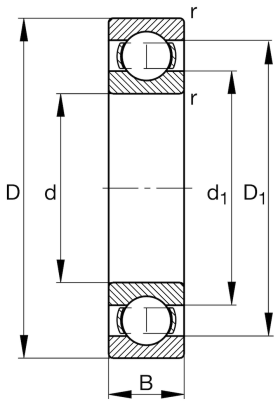
6017-M-C3

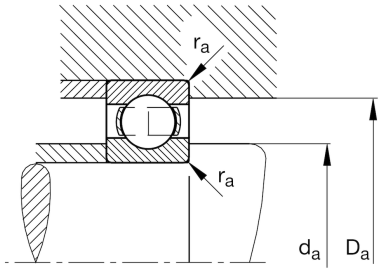
Deep groove ball bearing

Schaeffler ID:
0384042810030

Deep groove ball bearing 60..-M, single row, solid brass cage

Technical information





Main Dimensions & Performance Data

d	3,346 in	Bore diameter
D	5,118 in	Outside diameter
B	0,866 in	Width
C_r	11.915,468 lbf	Basic dynamic load rating, radial
C_{0r}	9.667,266 lbf	Basic static load rating, radial
C_{ur}	562,05 lbf	Fatigue load limit, radial
n_G	9.300 1/min	Limiting speed
$n_{\vartheta r}$	5.800 1/min	Reference speed
	2,359 lbs	${Weight}

Mounting dimensions

$d_{a\ min}$	3,583 in	Minimum diameter shaft shoulder
$D_{a\ max}$	4,882 in	Maximum diameter of housing shoulder
$r_{a\ max}$	0,039 in	Maximum fillet radius

Dimensions

r_{min}	0,043 in	Minimum chamfer dimension
D_1	4,569 in	Shoulder diameter outer ring
d_1	3,919 in	Shoulder diameter inner ring

Temperature range

T_{min}	-22 °F	Operating temperature min.
T_{max}	302 °F	Operating temperature max.

Calculation factors

f_0	15,7	Calculation factor

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all further information and guidelines for this product. For further information you can use the contact form on our website.