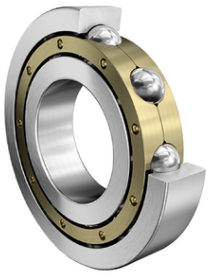
SCHAEFFLER



FAG

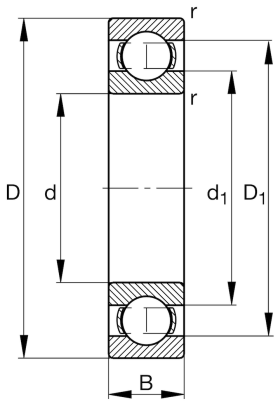
619/600-MA-C3

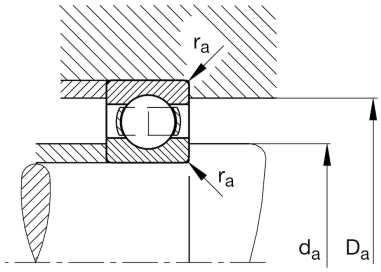
Deep groove ball bearing

Schaeffler ID:
0389075770030

Deep groove ball bearing 619..-MA, single row, solid brass cage

Technical information





Main Dimensions & Performance Data

d	23,622 in	Bore diameter
D	31,496 in	Outside diameter
B	3,543 in	Width
C_r	123.651,079 lbf	Basic dynamic load rating, radial
C_{0r}	251.798,561 lbf	Basic static load rating, radial
C_{ur}	5.463,129 lbf	Fatigue load limit, radial
n_G	1.300 1/min	Limiting speed
$n_{\vartheta r}$	880 1/min	Reference speed
	282,191 lbs	${Weight}

Mounting dimensions

$d_{a\ min}$	24,331 in	Minimum diameter shaft shoulder
$D_{a\ max}$	30,787 in	Maximum diameter of housing shoulder
$r_{a\ max}$	0,157 in	Maximum fillet radius

Dimensions

r_{min}	0,197 in	Minimum chamfer dimension
D_1	29,043 in	Shoulder diameter outer ring
d_1	26,165 in	Shoulder diameter inner ring

Temperature range

T_{min}	-22 °F	Operating temperature min.
T_{max}	392 °F	Operating temperature max.

Calculation factors

f_0	16,3	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.