



FAG

★ 51238-MP

Axial deep groove ball bearing

Schaeffler ID:
0190024400000Axial deep groove ball bearing 512...-MP,
single direction, solid brass cage

★ Preferred product

Technical information



Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	200 °C	Operating temperature max.
	11,436 kg	Weight

Main Dimensions & Performance Data

d	190 mm	Bore diameter
D	270 mm	Outside diameter
T	62 mm	Height
C_a	335.000 N	Basic dynamic load rating, axial
C_{0a}	1.170.000 N	Basic static load rating, axial
C_{ua}	35.500 N	Fatigue load limit, axial
n_G	1.540 1/min	Limiting speed
n_{gr}	2.010 1/min	Reference speed

Dimensions

r_{\min}	2 mm	Minimum chamfer dimension
D_1	194 mm	Bore diameter housing washer
d_1	265 mm	Lip diameter shaft washer

Mounting dimensions

$d_{a \min}$	238 mm	Minimum diameter shaft shoulder
$D_{a \max}$	222 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2 mm	Maximum recess radius

Additional information

A	7,2	Minimum load factor
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