



FAG

★ 51412-MP

Axial deep groove ball bearing

Schaeffler ID:
0388114800000Axial deep groove ball bearing 514...-MP,
single direction, solid brass cage

★ Preferred product

Technical information



Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	150 °C	Operating temperature max.
	3,51 kg	Weight

Main Dimensions & Performance Data

d	60 mm	Bore diameter
D	130 mm	Outside diameter
T	51 mm	Height
C_a	201.000 N	Basic dynamic load rating, axial
C_{0a}	395.000 N	Basic static load rating, axial
C_{ua}	18.200 N	Fatigue load limit, axial
n_G	2.190 1/min	Limiting speed
n_{gr}	5.500 1/min	Reference speed

Dimensions

r_{\min}	1,5 mm	Minimum chamfer dimension
D_1	62 mm	Bore diameter housing washer
d_1	130 mm	Lip diameter shaft washer

Mounting dimensions

$d_{a \min}$	102 mm	Minimum diameter shaft shoulder
$D_{a \max}$	88 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1,5 mm	Maximum recess radius

Additional information

A	0,87	Minimum load factor
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