

**FAG****618/530-MA-C4** [↗](#)

Deep groove ball bearing

Deep groove ball bearing 618..-MA, single row, solid brass cage

Teknik bilgiler



Ihre aktuelle Produktvariante

Type of Seal	Without	Not sealed
Cage	MA	Solid brass cage, outer ring guided
Tolerance class	PN	Normal (PN)
Dimensional / heat stabilization	S1	Rings dimensional stabilized up to 200°
Lubricant	Without	Bearing not greased
Radial internal clearance	C4 (Group 4)	Internal clearance larger than C3
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	530 mm	Bore diameter
D	650 mm	Outside diameter
B	56 mm	Width
C _r	305.000 N	Basic dynamic load rating, radial
C _{0r}	550.000 N	Basic static load rating, radial
C _{ur}	13.100 N	Fatigue load limit, radial
n _G	1.620 1/min	Limiting speed
n _{gr}	980 1/min	Reference speed
m	42,1 kg	Gewicht



Mounting dimensions

$d_{a \min}$	542,4 mm	Minimum diameter shaft shoulder
$D_{a \max}$	637,6 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2,5 mm	Maximum fillet radius

Dimensions

r_{\min}	3 mm	Minimum chamfer dimension
D_1	612 mm	Shoulder diameter outer ring
d_1	569,3 mm	Shoulder diameter inner ring








Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	200 °C	Operating temperature max.

Calculation factors

f_0	16	Calculation factor
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Eigenschaften

	Radiale Last
	Axiale Last aus einer Richtung
	Axiale Last aus zwei Richtungen
	Fettschmierung
	Ölschmierung
	Nicht abgedichtet
	Großlager