



FAG

6007-C-Z>V

Deep groove ball bearing

Deep groove ball bearing 60.-C-Z, single row, Generation C, shield , steel sheet metal cage

Informacje techniczne



Twoja aktualna wersja produktu

Version code	>V	Not marked on bearing
Changed internal design	C	GenerationC
Sealing	Z	Non-contact shield on one Side
Cage	JN	Steel sheet metal
Tolerance class	P6	Class 6 (ISO 492:2023)
Dimensional / heat stabilization	SN	Rings dimensional stabilized up to 120°
Lubricant	Without	Bearing not greased
Radial internal clearance	CN (Group N)	Normal internal clearance
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	35 mm	Bore diameter
D	62 mm	Outside diameter
B	14 mm	Width
C _r	17.500 N	Basic dynamic load rating, radial
C _{0r}	10.300 N	Basic static load rating, radial
C _{ur}	620 N	Fatigue load limit, radial
n _G	17.700 1/min	Limiting speed
n _{gr}	12.600 1/min	Reference speed
≈m	0,144 kg	Masa



Mounting dimensions

$d_{a\ min}$	39,6 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	57,4 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	1 mm	Maximum fillet radius

Dimensions

$r_{\ min}$	1 mm	Minimum chamfer dimension
D_1	54,06 mm	Shoulder diameter outer ring
D_2	56,32 mm	Caliber diameter outer ring
d_1	42,94 mm	Shoulder diameter inner ring
d_2	41,31 mm	Caliber diameter inner ring

Temperature range

$T_{\ min}$	-30 °C	Operating temperature min.
$T_{\ max}$	120 °C	Operating temperature max.

Calculation factors

f_0	14,9	Calculation factor
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