



FAG

NJ356-E-TB-M1

Cylindrical roller bearing

Cylindrical roller bearing NJ..-E-M1, with cage, single row, semi-locating bearing, 2 ribs on outer ring, 1 rib on inner ring, type NJ

Informacje techniczne



Twoja aktualna wersja produktu

Design	TB	Bearings with increased axial load capacity
Cage	M1	Two Piece Brass Cage Roller Guided
Radial internal clearance	CN (Group N)	Normal internal clearance
Tolerance class	PN	Normal (ISO 492:2023)
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	280 mm	Bore diameter
D	580 mm	Outside diameter
B	108 mm	Width
C _r	2.180.000 N	Basic dynamic load rating, radial
C _{0r}	3.050.000 N	Basic static load rating, radial
C _{ur}	295.000 N	Fatigue load limit, radial
n _G	1.700 1/min	Limiting speed
n _{gr}	790 1/min	Reference speed
≈m	144,3 kg	Masa



Mounting dimensions

d _{a min}	306 mm	Minimum diameter shaft shoulder
d _{a max}	359 mm	Maximum diameter of shaft shoulder
D _{a max}	554 mm	Maximum diameter of housing shoulder
d _{c min}	393,4 mm	Minimum shaft shoulder
r _{a max}	5 mm	Maximum recess radius

Dimensions

r _{min}	6 mm	Minimum chamfer dimension
r _{1 min}	6 mm	Minimum chamfer dimension
s	8,7 mm	Axial displacement
E	512 mm	Raceway diameter outer ring
F	362 mm	Raceway diameter inner ring
D _{1 min}	482 mm	Minimum rib diameter outer ring
d ₁	392 mm	Maximum rib diameter inner ring

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	150 °C	Operating temperature max.

Additional information

HJ356-E	L-washer
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Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia



Łożysko gabarytowe