



FAG

NJ2344-EX-TB-MPAX-ILR-C3

Cylindrical roller bearing

Cylindrical roller bearing NJ...E...MPAX-ILR, 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	E	Increased Capacity Design
Cage	MPAX	One Piece Brass Cage Lip Guided
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Tolerance class	PN	Normal (ISO 492:2023)
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	220 mm	Bore diameter
D	460 mm	Outside diameter
B	145 mm	Width
C _r	2.900.000 N	Basic dynamic load rating, radial
C _{0r}	3.350.000 N	Basic static load rating, radial
C _{ur}	350.000 N	Fatigue load limit, radial
n _G	2.110 1/min	Limiting speed
n _{gr}	830 1/min	Reference speed
≈m	121,8 kg	Masa

Mounting dimensions

d _{a max}	275 mm	Maximum diameter of shaft shoulder
D _{a max}	440 mm	Maximum diameter of housing shoulder



Dimensions

r _{min}	5 mm	Minimum chamfer dimension
r _{1 min}	5 mm	Minimum chamfer dimension
s	11,9 mm	Axial displacement
E	413 mm	Raceway diameter outer ring
F	277 mm	Raceway diameter inner ring
D _{1 min}	385,8 mm	Minimum rib diameter outer ring
d ₁	304,2 mm	Maximum rib diameter inner ring

Temperature range

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

Właściwości

	Obciążenie promieniowe
	Obciążenie osiowe jednokierunkowe
	Smarowanie smarem
	Smarowanie olejem
	Bez uszczelnienia
	Łożysko gabarytowe