



FAG

NU318-E-XL-M1A-C4 [🔗](#)

Cylindrical roller bearing

Cylindrical roller bearing NU..-E-XL-M1A, with cage, single row, non-locating bearing, 2 ribs on outer ring, 0 ribs on inner ring (smooth), type NU, Running accuracy in P6

X-life

Informacje techniczne

Twoja aktualna wersja produktu

Design	E	Increased Capacity Design
Cage	M1A	Two Piece Brass Cage Lip guided
Radial internal clearance	C4 (Group 4)	Internal clearance larger than C3
Tolerance class	PN	Normal (ISO 492:2023)
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	90 mm	Bore diameter
D	190 mm	Outside diameter
B	43 mm	Width
C _r	370.000 N	Basic dynamic load rating, radial
C _{0r}	350.000 N	Basic static load rating, radial
C _{ur}	45.500 N	Fatigue load limit, radial
n _G	6.300 1/min	Limiting speed
n _{gr}	3.650 1/min	Reference speed
≈m	6,2 kg	Masa



Mounting dimensions

$d_{a \min}$	104 mm	Minimum diameter shaft shoulder
$d_{a \max}$	111 mm	Maximum diameter of shaft shoulder
$d_{b \min}$	117 mm	Minimum shaft shoulder
$D_{a \max}$	176 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2,5 mm	Maximum recess radius
$r_{a1 \max}$	2,5 mm	Maximum recess radius

Dimensions

$r_{\min}$	3 mm	Minimum chamfer dimension
$r_1 \min$	3 mm	Minimum chamfer dimension
s	1,5 mm	Axial displacement
E	169,5 mm	Raceway diameter outer ring
F	113,5 mm	Raceway diameter inner ring
$D_1 \min$	161,62 mm	Minimum rib diameter outer ring

Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	150 °C	Operating temperature max.