



FAG

NU220-E-XL-M1-C3

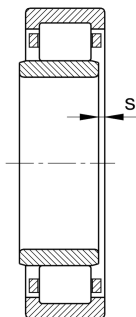
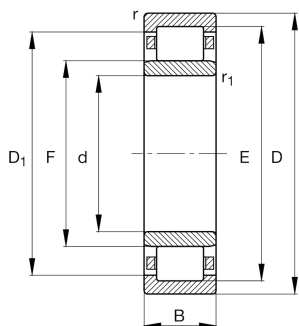
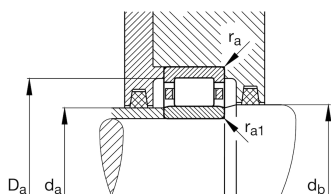
Cylindrical roller bearing

Cylindrical roller bearing NU..-E-XL-M1, with cage, single row, non-locating bearing, 2 ribs on outer ring, 0 ribs on inner ring (smooth), type NU, Running accuracy in P6

Materiálové číslo Schaeffler:
0167382330030

X-life

Technické informace



Vaše aktuální varianta produktu

Design	E	Increased Capacity Design
Cage	M1	Two Piece Brass Cage Roller Guided
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Tolerance class	PN	Normal (PN)
Number of rolling element rows	1	Single-row design

Main Dimensions & Performance Data

d	100 mm	Bore diameter
D	180 mm	Outside diameter
B	34 mm	Width
C _r	295.000 N	Basic dynamic load rating, radial
C _{0r}	305.000 N	Basic static load rating, radial
C _{ur}	40.500 N	Fatigue load limit, radial
n _G	6.800 1/min	Limiting speed
n _{gr}	3.450 1/min	Reference speed
≈m	3,82 kg	Hmotnost



Mounting dimensions

$d_{a \min}$	112 mm	Minimum diameter shaft shoulder
$d_{a \max}$	117 mm	Maximum diameter of shaft shoulder
$d_{b \min}$	122 mm	Minimum shaft shoulder
$D_{a \max}$	168 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2 mm	Maximum recess radius
$r_{a1 \max}$	2 mm	Maximum recess radius

Dimensions

$r_{\min}$	2,1 mm	Minimum chamfer dimension
$r_1 \min$	2,1 mm	Minimum chamfer dimension
s	1,5 mm	Axial displacement
E	163 mm	Raceway diameter outer ring
F	119 mm	Raceway diameter inner ring
$D_1 \min$	156,9 mm	Minimum rib diameter outer ring

Temperature range

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

Vlastnosti



Radiální zatížení



Mazání (plastickým) mazivem



Mazání olejem



Neutěsněné