



FAG

NU316-E-XL-TVP2-C3

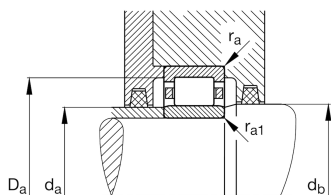
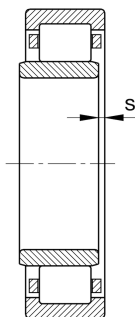
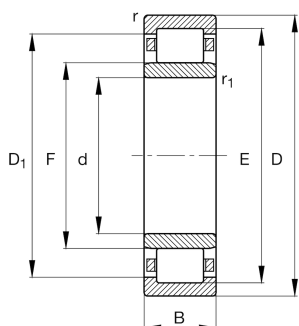
Cylindrical roller bearing

Cylindrical roller bearing NU..-E-XL-TVP2, 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:
0167401650030

X-life

Technické informace



Vaše aktuální varianta produktu

Design	E	Increased Capacity Design
Cage	TVP2	Solid Window Cage made from PA66
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	80 mm	Bore diameter
D	170 mm	Outside diameter
B	39 mm	Width
C _r	300.000 N	Basic dynamic load rating, radial
C _{0r}	275.000 N	Basic static load rating, radial
C _{ur}	37.500 N	Fatigue load limit, radial
n _G	5.500 1/min	Limiting speed
n _{gr}	4.100 1/min	Reference speed
≈m	3,855 kg	Hmotnost



Mounting dimensions

$d_{a \min}$	92 mm	Minimum diameter shaft shoulder
$d_{a \max}$	99 mm	Maximum diameter of shaft shoulder
$d_{b \min}$	105 mm	Minimum shaft shoulder
$D_{a \max}$	158 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2,1 mm	Maximum recess radius
$r_{a1 \max}$	2,1 mm	Maximum recess radius

Dimensions

$r_{\min}$	2,1 mm	Minimum chamfer dimension
$r_1 \min$	2,1 mm	Minimum chamfer dimension
s	0,7 mm	Axial displacement
E	151 mm	Raceway diameter outer ring
F	101 mm	Raceway diameter inner ring
$D_1 \min$	143,9 mm	Minimum rib diameter outer ring

Temperature range

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

Vlastnosti

	Radiální zatížení
	Mazání (plastickým) mazivem
	Mazání olejem
	Neutěsněné