



FAG

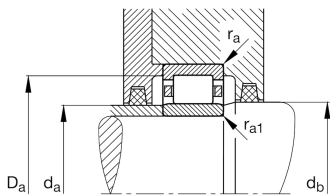
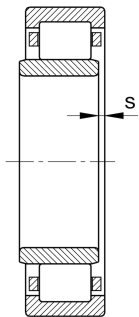
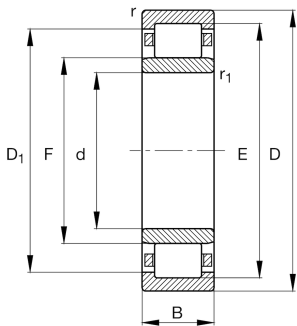
NU218-E-XL-TVP2

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

X-life

Technical information



Your current product variant

Design	E	Increased Capacity Design
Cage	TVP2	Solid Window Cage made from PA66
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	90 mm	Bore diameter
D	160 mm	Outside diameter
B	30 mm	Width
C _r	215.000 N	Basic dynamic load rating, radial
C _{0r}	217.000 N	Basic static load rating, radial
C _{ur}	29.500 N	Fatigue load limit, radial
n _G	6.000 1/min	Limiting speed
n _{gr}	3.900 1/min	Reference speed
≈m	2,31 kg	Weight



Mounting dimensions

$d_{a \min}$	101 mm	Minimum diameter shaft shoulder
$d_{a \max}$	105 mm	Maximum diameter of shaft shoulder
$d_{b \min}$	109 mm	Minimum shaft shoulder
$D_{a \max}$	149 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 mm	Minimum chamfer dimension
$r_1 \min$	2 mm	Minimum chamfer dimension
s	1,5 mm	Axial displacement
E	145 mm	Raceway diameter outer ring
F	107 mm	Raceway diameter inner ring
$D_1 \min$	139,7 mm	Minimum rib diameter outer ring

Temperature range

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

Characteristics

	Radial load
	Grease Lubrication
	Oil Lubrication
	Not sealed