



FAG

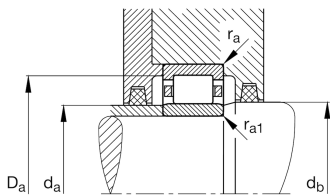
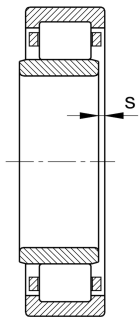
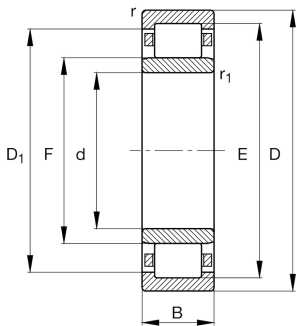
NU222-E-XL-TVP2

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	110 mm	Bore diameter
D	200 mm	Outside diameter
B	38 mm	Width
C _r	345.000 N	Basic dynamic load rating, radial
C _{0r}	365.000 N	Basic static load rating, radial
C _{ur}	47.000 N	Fatigue load limit, radial
n _G	4.750 1/min	Limiting speed
n _{gr}	3.250 1/min	Reference speed
m	4,75 kg	Weight



Mounting dimensions

d _{a min}	122 mm	Minimum diameter shaft shoulder
d _{a max}	130 mm	Maximum diameter of shaft shoulder
d _{b min}	135 mm	Minimum shaft shoulder
D _{a max}	188 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	1,5 mm	Axial displacement
E	180,5 mm	Raceway diameter outer ring
F	132,5 mm	Raceway diameter inner ring
D _{1 min}	173,8 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