



FAG

NU1030-XL-M1-J20AA-R190-215NA [↗](#)

Cylindrical roller bearing

Cylindrical roller bearing NU..-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

X-life

Technical information

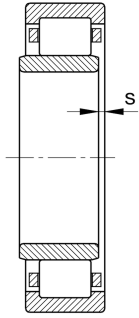


Your current product variant

Design	Standard	
Cage	M1	Two Piece Brass Cage Roller Guided
Tolerance class	PN	Normal (PN)
Number of rolling element rows	1	Single-row design

Main Dimensions & Performance Data

d	150 mm	Bore diameter
D	225 mm	Outside diameter
B	35 mm	Width
C_r	248.000 N	Basic dynamic load rating, radial
C_{0r}	310.000 N	Basic static load rating, radial
C_{ur}	39.000 N	Fatigue load limit, radial
n_G	5.800 1/min	Limiting speed
n_{gr}	3.100 1/min	Reference speed
$\approx m$	5,12 kg	Weight



Mounting dimensions

$d_{a \min}$	158 mm	Minimum diameter shaft shoulder
$d_{a \max}$	167 mm	Maximum diameter of shaft shoulder
$d_{b \min}$	173 mm	Minimum shaft shoulder
$D_{a \max}$	215 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2,1 mm	Maximum recess radius
$r_{a1 \max}$	1,5 mm	Maximum recess radius






Dimensions

r_{\min}	2,1 mm	Minimum chamfer dimension
$r_{1 \min}$	1,5 mm	Minimum chamfer dimension
s	4,2 mm	Axial displacement
E	205,5 mm	Raceway diameter outer ring
F	169,5 mm	Raceway diameter inner ring
$D_{1 \min}$	199 mm	Minimum rib diameter outer ring

Temperature range

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

Characteristics

	Radial load
	Grease Lubrication
	Oil Lubrication
	Not sealed
	Current insulated