

FAG

NU232-E-XL-M1

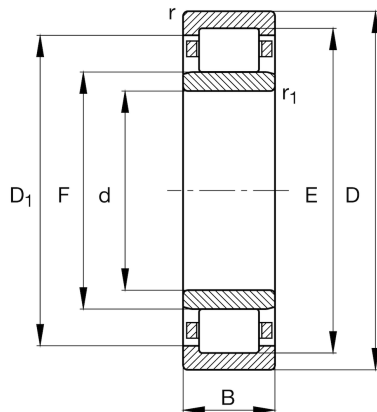
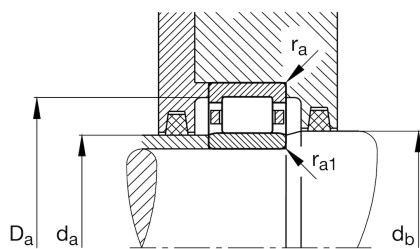
Cylindrical roller bearing

Schaeffler ID:
0167394260000

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

X-life

Technical information



Main Dimensions & Performance Data

d	[160] mm	Bore diameter
D	[290] mm	Outside diameter
B	[48] mm	Width
C_r	[590.000] N	Basic dynamic load rating, radial
C_{0r}	[670.000] N	Basic static load rating, radial
C_{ur}	[80.000] N	Fatigue load limit, radial
n_G	[4.200] 1/min	Limiting speed
$n_{\vartheta r}$	[2.160] 1/min	Reference speed
	[14,26] kg	Weight

Mounting dimensions

$d_{a \min}$	[174] mm	Minimum diameter shaft shoulder
$d_{a \max}$	[192] mm	Maximum diameter of shaft shoulder
$d_{b \min}$	[197] mm	Minimum shaft shoulder
$D_{a \max}$	[276] mm	Maximum diameter of housing shoulder
$r_{a \max}$	[2,5] mm	Maximum recess radius
$r_{a1 \max}$	[2,5] mm	Maximum recess radius

Dimensions

r_{\min}	[3] mm	Minimum chamfer dimension
$r_{1 \min}$	[3] mm	Minimum chamfer dimension
s	[4,1] mm	Axial displacement
E	[259] mm	Raceway diameter outer ring
F	[195] mm	Raceway diameter inner ring
$D_{1 \min}$	[249,6] mm	Minimum rib diameter outer ring

Temperature range

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

