

FAG

NU311-E-XL-M1-C4

Cylindrical roller bearing

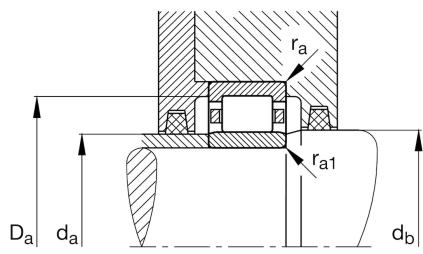
Schaeffler ID:
0167399060040

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

x-life

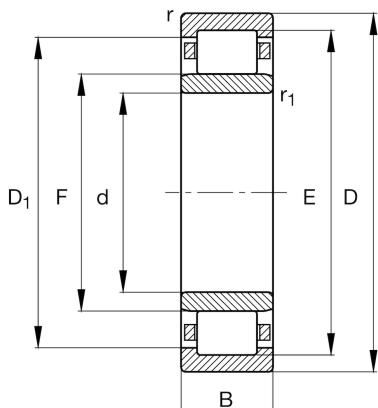
Technical information

Dimensions



r_{\min}	2 mm	Minimum chamfer dimension
$r_{1\min}$	2 mm	Minimum chamfer dimension
s	1,8 mm	Axial displacement
E	106,5 mm	Raceway diameter outer ring
F	70,5 mm	Raceway diameter inner ring
$D_{1\min}$	101,42 mm	Minimum rib diameter outer ring
	1,63 kg	Weight

Main Dimensions & Performance Data



d	55 mm	Bore diameter
D	120 mm	Outside diameter
B	29 mm	Width
C_r	159.000 N	Basic dynamic load rating, radial
C_{0r}	139.000 N	Basic static load rating, radial
C_{ur}	19.500 N	Fatigue load limit, radial
n_G	10.400 1/min	Limiting speed
n_{0r}	5.500 1/min	Reference speed

Mounting dimensions

$d_{a\min}$	66 mm	Minimum diameter shaft shoulder
$d_{a\max}$	69 mm	Maximum diameter of shaft shoulder
$d_{b\min}$	72 mm	Minimum shaft shoulder
$D_{a\max}$	109 mm	Maximum diameter of housing shoulder
$r_{a\max}$	2 mm	Maximum recess radius
$r_{a1\max}$	2 mm	Maximum recess radius

Temperature range

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

