

FAG

★ NUP311-E-XL-TVP2

Cylindrical roller bearing

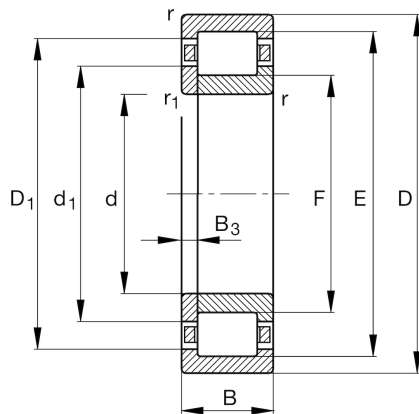
Schaeffler ID:
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★ Preferred product

Cylindrical roller bearing NUP.-E-XL-TVP2, with cage, single row, locating bearing, 2 ribs on outer ring, 1 rib on inner ring, rib washer internal, type NUP

X-life

Technical information



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}	26.000 N	Fatigue load limit, radial
n_G	7.000 1/min	Limiting speed
n_{gr}	5.500 1/min	Reference speed
	1,52 kg	Weight

Dimensions

r_{min}	2 mm	Minimum chamfer dimension
$r_{1 min}$	2 mm	Minimum chamfer dimension
E	106,5 mm	Raceway diameter outer ring
F	70,5 mm	Raceway diameter inner ring
B_3	5 mm	Width of loose rib

Mounting dimensions

d_1	77,5 mm	Maximum rib diameter inner ring
$D_{1 min}$	101,4 mm	Minimum rib diameter outer ring
$d_{a min}$	66 mm	Minimum diameter shaft shoulder
$d_{c min}$	80 mm	Minimum shaft shoulder
$D_{a max}$	109 mm	Maximum diameter of housing shoulder
$r_{a max}$	2 mm	Maximum recess radius

Temperature range

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

