

FAG

NUP312-E-XL-TVP2

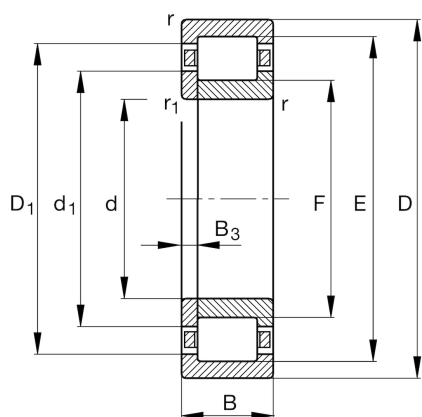
Cylindrical roller bearing

Schaeffler ID:
0192550800000

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



Dimensions

r_{\min}	2,1 mm	Minimum chamfer dimension
$r_{1\min}$	2,1 mm	Minimum chamfer dimension
E	115 mm	Raceway diameter outer ring
F	77 mm	Raceway diameter inner ring
B_3	5,5 mm	Width of loose rib
	1,89 kg	Weight

Main Dimensions & Performance Data

d	60 mm	Bore diameter
D	130 mm	Outside diameter
B	31 mm	Width
C_r	177.000 N	Basic dynamic load rating, radial
C_{0r}	157.000 N	Basic static load rating, radial
C_{ur}	29.000 N	Fatigue load limit, radial
n_G	7.400 1/min	Limiting speed
n_{gr}	5.200 1/min	Reference speed

Mounting dimensions

d_1	84,4 mm	Maximum rib diameter inner ring
$D_{1\min}$	109,6 mm	Minimum rib diameter outer ring
$d_{a\min}$	72 mm	Minimum diameter shaft shoulder
$d_{c\min}$	86 mm	Minimum shaft shoulder
$D_{a\max}$	118 mm	Maximum diameter of housing shoulder
$r_{a\max}$	2,1 mm	Maximum recess radius

Temperature range

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

