



FAG

NU212-E-XL-TVP2

Cylindrical roller bearing

Schaeffler ID:
0167378300000Cylindrical roller bearing NU..-E-XL-TVP2,
with cage, single row, non-locating bearing,
2 ribs on outer ring, 0 ribs on inner ring
(smooth), type NU

X-life

Technical information



Main Dimensions & Performance Data

d	60 mm	Bore diameter
D	110 mm	Outside diameter
B	22 mm	Width
C_r	112,000 N	Basic dynamic load rating, radial
C_{0r}	103,000 N	Basic static load rating, radial
C_{ur}	14,100 N	Fatigue load limit, radial
n_G	8,900 1/min	Limiting speed
n_{gr}	5,300 1/min	Reference speed
	0.79 kg	Weight

Dimensions

r_{\min}	1.5 mm	Minimum chamfer dimension
$r_{1\min}$	1.5 mm	Minimum chamfer dimension
s	1.6 mm	Axial displacement
E	100 mm	Raceway diameter outer ring
F	72 mm	Raceway diameter inner ring
$D_{1\min}$	96.1 mm	Minimum rib diameter outer ring

Mounting dimensions

$d_{a\min}$	69 mm	Minimum diameter shaft shoulder
$d_{a\max}$	71 mm	Maximum diameter of shaft shoulder
$d_{b\min}$	75 mm	Minimum shaft shoulder
$D_{a\max}$	101 mm	Maximum diameter of housing shoulder
$r_{a\max}$	1.5 mm	Maximum recess radius
$r_{a1\max}$	1.5 mm	Maximum recess radius

Temperature range

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

