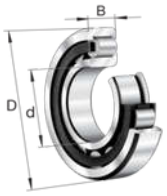
SCHAEFFLER



FAG

NJ212-E-XL-TVP2

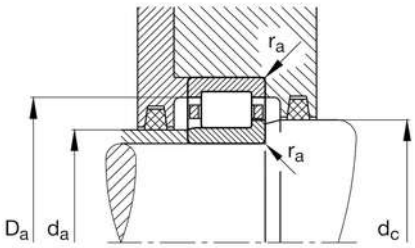
Cylindrical roller bearing

Schaeffler ID:
0167344910000

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

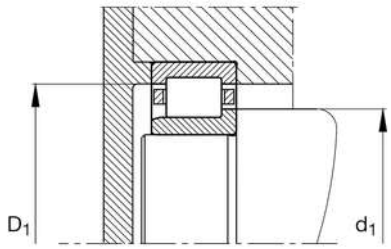
X-life

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}	17,800 N	Fatigue load limit, radial
n_G	8,900 1/min	Limiting speed
$n_{\vartheta r}$	5,300 1/min	Reference speed
	0.842 kg	Weight



Mounting dimensions

$d_{a\ min}$	69 mm	Minimum diameter shaft shoulder
$d_{a\ max}$	71 mm	Maximum diameter of shaft shoulder
$D_{a\ max}$	101 mm	Maximum diameter of housing shoulder
$d_{c\ min}$	80 mm	Minimum shaft shoulder
$r_{a\ max}$	1.5 mm	Maximum recess radius

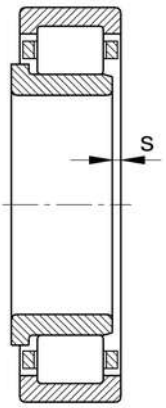
Dimensions

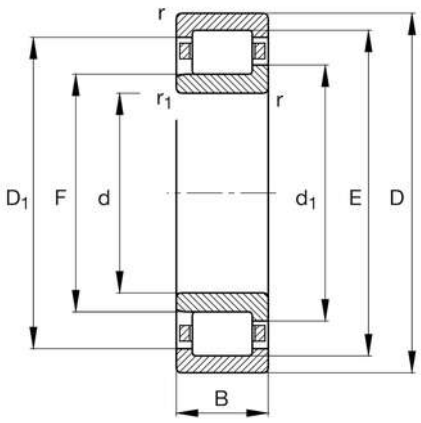
r_{min}	1.5 mm	Minimum chamfer dimension
$r_{1\ min}$	1.5 mm	Minimum chamfer dimension
s	1.6 mm	Axial displacement
E	100 mm	Raceway diameter outer ring
F	72 mm	Raceway diameter inner ring
$D_{1\ min}$	96.1 mm	Minimum rib diameter outer ring
d_1	77.6 mm	Maximum rib diameter inner ring

Temperature range

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

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all further information and guidelines for this product. For further information you can use the contact form on our website.





Additional information

HJ212-E	L-washer

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