

FAG

★ NJ220-E-XL-TVP2

Cylindrical roller bearing

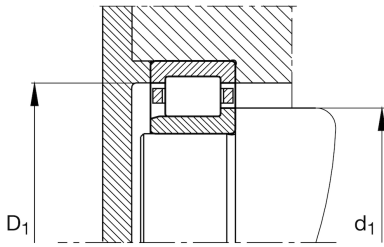
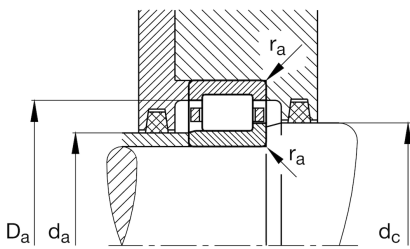
Schaeffler ID:
0167348580000

★ Preferred product

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



Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	120 °C	Operating temperature max.
	3,48 kg	Weight

Main Dimensions & Performance Data

d	100 mm	Bore diameter
D	180 mm	Outside diameter
B	34 mm	Width
C_r	295.000 N	Basic dynamic load rating, radial
C_{0r}	305.000 N	Basic static load rating, radial
C_{ur}	52.000 N	Fatigue load limit, radial
n_G	4.550 1/min	Limiting speed
n_{gr}	3.450 1/min	Reference speed

Dimensions

r_{\min}	2,1 mm	Minimum chamfer dimension
$r_{1\min}$	2,1 mm	Minimum chamfer dimension
s	1,5 mm	Axial displacement
E	163 mm	Raceway diameter outer ring
F	119 mm	Raceway diameter inner ring
$D_{1\min}$	156,9 mm	Minimum rib diameter outer ring
d_1	127,3 mm	Maximum rib diameter inner ring

Mounting dimensions

$d_{a\min}$	112 mm	Minimum diameter shaft shoulder
$d_{a\max}$	117 mm	Maximum diameter of shaft shoulder
$D_{a\max}$	168 mm	Maximum diameter of housing shoulder
$d_{c\min}$	130 mm	Minimum shaft shoulder
$r_{a\max}$	2,1 mm	Maximum recess radius

Additional information

HJ220-E

L-washer

