

FAG

NJ2220-E-XL-M1

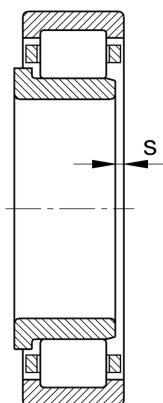
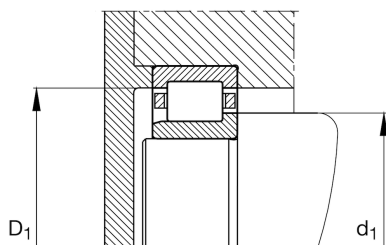
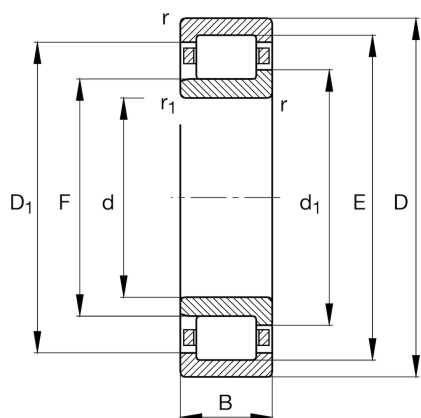
Cylindrical roller bearing

Schaeffler ID:
0167351020000

Cylindrical roller bearing NJ..-E-XL-M1, 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	100 mm	Bore diameter
D	180 mm	Outside diameter
B	46 mm	Width
C_r	395.000 N	Basic dynamic load rating, radial
C_{0r}	445.000 N	Basic static load rating, radial
C_{ur}	77.000 N	Fatigue load limit, radial
n_G	6.800 1/min	Limiting speed
n_{gr}	2.900 1/min	Reference speed
	5,3 kg	Weight

Dimensions

$d_{a \min}$	112 mm	Minimum diameter shaft shoulder
r_{\min}	2,1 mm	Minimum chamfer dimension
$d_{a \max}$	117 mm	Maximum diameter of shaft shoulder
$r_{1 \min}$	2,1 mm	Minimum chamfer dimension
s	2,5 mm	Axial displacement
$D_{a \max}$	168 mm	Maximum diameter of housing shoulder
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
$d_{c \min}$	130 mm	Minimum shaft shoulder
d_1	127,3 mm	Maximum rib diameter inner ring
$r_{a \max}$	2 mm	Maximum recess radius

Additional information

HJ2220-E	L-washer
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Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	150 °C	Operating temperature max.

