



FAG

NJ214-E-XL-M1

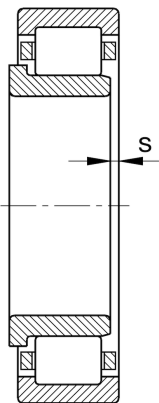
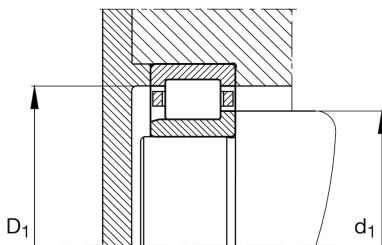
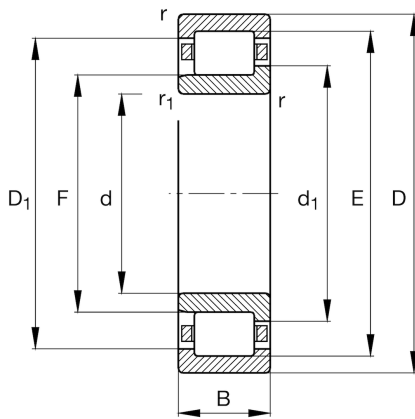
Cylindrical roller bearing

Schaeffler ID:
0190074500000

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	70 mm	Bore diameter
D	125 mm	Outside diameter
B	24 mm	Width
C_r	141.000 N	Basic dynamic load rating, radial
C_{0r}	138.000 N	Basic static load rating, radial
C_{ur}	24.500 N	Fatigue load limit, radial
n_G	10.100 1/min	Limiting speed
n_{gr}	4.650 1/min	Reference speed
	1,31 kg	Weight

Dimensions

$d_{a \min}$	79 mm	Minimum diameter shaft shoulder
r_{\min}	1,5 mm	Minimum chamfer dimension
$d_{a \max}$	82 mm	Maximum diameter of shaft shoulder
$r_{1 \min}$	1,5 mm	Minimum chamfer dimension
s	1,1 mm	Axial displacement
$D_{a \max}$	116 mm	Maximum diameter of housing shoulder
E	113,5 mm	Raceway diameter outer ring
F	83,5 mm	Raceway diameter inner ring
$D_{1 \min}$	109,36 mm	Minimum rib diameter outer ring
$d_{c \min}$	92 mm	Minimum shaft shoulder
d_1	89,4 mm	Maximum rib diameter inner ring
$r_{a \max}$	1,5 mm	Maximum recess radius

Additional information

HJ214-E	L-washer
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Temperature range

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

