



FAG

X-life

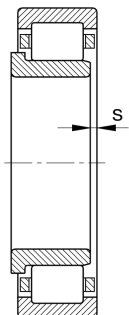
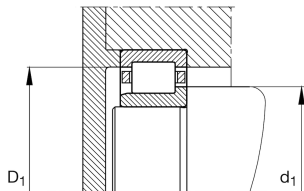
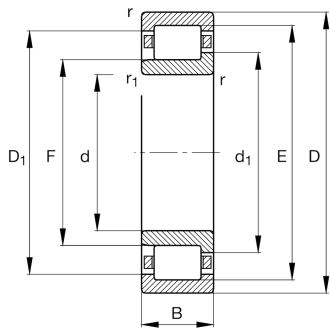
NJ219-E-XL-M1-C3

Cylindrical roller bearing

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

Schaeffler ID:
0192225720030

Technical information

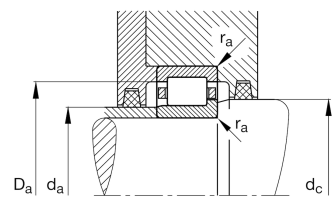


Your current product variant

Design	E	Increased Capacity Design
Cage	M1	Two Piece Brass Cage Roller Guided
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Tolerance class	PN	Normal (PN)
Number of rolling element rows	1	Single-row design

Main Dimensions & Performance Data

d	95 mm	Bore diameter
D	170 mm	Outside diameter
B	32 mm	Width
C _r	260.000 N	Basic dynamic load rating, radial
C _{0r}	265.000 N	Basic static load rating, radial
C _{ur}	45.000 N	Fatigue load limit, radial
n _G	7.200 1/min	Limiting speed
n _{gr}	3.650 1/min	Reference speed
≈m	3,172 kg	Weight



Mounting dimensions

$d_{a \min}$	107 mm	Minimum diameter shaft shoulder
$d_{a \max}$	111 mm	Maximum diameter of shaft shoulder
$D_{a \max}$	158 mm	Maximum diameter of housing shoulder
$d_{c \min}$	123 mm	Minimum shaft shoulder
$r_{a \max}$	2 mm	Maximum recess radius

Dimensions

$r_{\min}$	2,1 mm	Minimum chamfer dimension
$r_1 \min$	2,1 mm	Minimum chamfer dimension
s	0,7 mm	Axial displacement
E	154,5 mm	Raceway diameter outer ring
F	112,5 mm	Raceway diameter inner ring
$D_1 \min$	148,62 mm	Minimum rib diameter outer ring
d_1	120,45 mm	Maximum rib diameter inner ring

Temperature range

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

Additional information

HJ219-E	L-washer
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Characteristics

	Radial load
	Axial load in one direction
	Grease Lubrication
	Oil Lubrication
	Not sealed