



FAG

★ NJ409-XL-M1

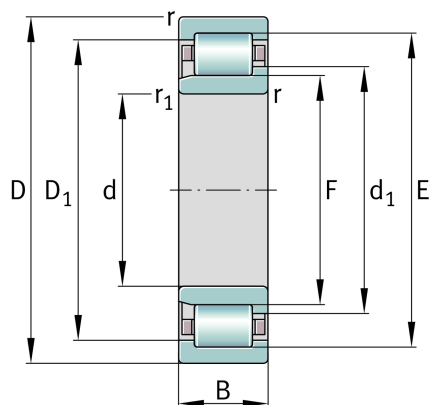
Cylindrical roller bearing

Schaeffler ID:
0192298010000

★ Preferred product

Cylindrical roller bearing NJ..-M1, with cage, single row, semi-locating bearing, 2 ribs on outer ring, 1 rib on inner ring, type NJ

Technical information



Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	150 °C	Operating temperature max.
	1,83 kg	Weight

Main Dimensions & Performance Data

d	45 mm	Bore diameter
D	120 mm	Outside diameter
B	29 mm	Width
C_r	143.000 N	Basic dynamic load rating, radial
C_{0r}	119.000 N	Basic static load rating, radial
C_{ur}	21.700 N	Fatigue load limit, radial
n_G	9.600 1/min	Limiting speed
$n_{\vartheta r}$	5.900 1/min	Reference speed

Dimensions

r_{\min}	2 mm	Minimum chamfer dimension
$r_{1\min}$	2 mm	Minimum chamfer dimension
s	2,9 mm	Axial displacement
E	100,5 mm	Raceway diameter outer ring
F	64,5 mm	Raceway diameter inner ring
$D_{1\min}$	94,6 mm	Minimum rib diameter outer ring
d_1	71,6 mm	Maximum rib diameter inner ring

Mounting dimensions

$d_{a\min}$	58 mm	Minimum diameter shaft shoulder
$d_{a\max}$	63 mm	Maximum diameter of shaft shoulder
$D_{a\max}$	107 mm	Maximum diameter of housing shoulder
$d_{c\min}$	74 mm	Minimum shaft shoulder
$r_{a\max}$	2 mm	Maximum recess radius

Additional information

HJ409

L-washer