



FAG

★ NJ416-XL-M1

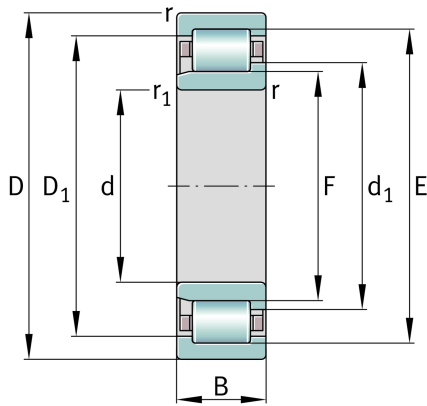
Cylindrical roller bearing

Schaeffler ID:
0192301090000

★ 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.
	8,4 kg	Weight

Main Dimensions & Performance Data

d	80 mm	Bore diameter
D	200 mm	Outside diameter
B	48 mm	Width
C_r	395.000 N	Basic dynamic load rating, radial
C_{0r}	365.000 N	Basic static load rating, radial
C_{ur}	64.000 N	Fatigue load limit, radial
n_G	5.400 1/min	Limiting speed
n_{gr}	3.750 1/min	Reference speed

Dimensions

r_{\min}	3 mm	Minimum chamfer dimension
$r_{1\min}$	3 mm	Minimum chamfer dimension
s	4,6 mm	Axial displacement
E	170 mm	Raceway diameter outer ring
F	110 mm	Raceway diameter inner ring
$D_{1\min}$	159,7 mm	Minimum rib diameter outer ring
d_1	121,8 mm	Maximum rib diameter inner ring

Mounting dimensions

$d_{a\min}$	96 mm	Minimum diameter shaft shoulder
$d_{a\max}$	109 mm	Maximum diameter of shaft shoulder
$D_{a\max}$	184 mm	Maximum diameter of housing shoulder
$d_{c\min}$	124 mm	Minimum shaft shoulder
$r_{a\max}$	2,5 mm	Maximum recess radius

Additional information

HJ416

L-washer