



FAG

★ NJ414-XL-M1

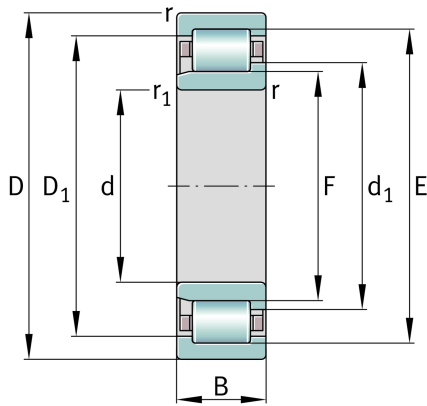
Cylindrical roller bearing

Schaeffler ID:
0192300360000

★ 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.
	6,1 kg	Weight

Main Dimensions & Performance Data

d	70 mm	Bore diameter
D	180 mm	Outside diameter
B	42 mm	Width
C_r	285.000 N	Basic dynamic load rating, radial
C_{0r}	255.000 N	Basic static load rating, radial
C_{ur}	46.000 N	Fatigue load limit, radial
n_G	6.200 1/min	Limiting speed
n_{gr}	4.250 1/min	Reference speed

Dimensions

r_{\min}	3 mm	Minimum chamfer dimension
$r_{1\min}$	3 mm	Minimum chamfer dimension
s	4 mm	Axial displacement
E	152 mm	Raceway diameter outer ring
F	100 mm	Raceway diameter inner ring
$D_{1\min}$	142,7 mm	Minimum rib diameter outer ring
d_1	110,3 mm	Maximum rib diameter inner ring

Mounting dimensions

$d_{a\min}$	86 mm	Minimum diameter shaft shoulder
$d_{a\max}$	99 mm	Maximum diameter of shaft shoulder
$D_{a\max}$	164 mm	Maximum diameter of housing shoulder
$d_{c\min}$	112 mm	Minimum shaft shoulder
$r_{a\max}$	2,5 mm	Maximum recess radius

Additional information

HJ414

L-washer