

FAG

NJ2330-E-XL-M1-C3

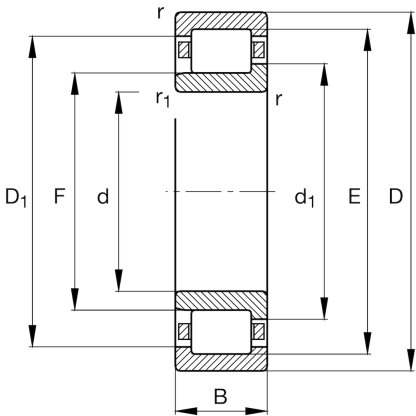
Cylindrical roller bearing

Schaeffler ID:
0192269930030

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	150 mm	Bore diameter
D	320 mm	Outside diameter
B	108 mm	Width
C _r	1.380.000 N	Basic dynamic load rating, radial
C _{0r}	1.600.000 N	Basic static load rating, radial
C _{ur}	250.000 N	Fatigue load limit, radial
n _G	3.650 1/min	Limiting speed
n _{gr}	1.460 1/min	Reference speed
	43,2 kg	Weight

Mounting dimensions

d _{a min}	167 mm	Minimum diameter shaft shoulder
d _{a max}	190 mm	Maximum diameter of shaft shoulder
D _{a max}	303 mm	Maximum diameter of housing shoulder
d _{c min}	213 mm	Minimum shaft shoulder
r _{a max}	3 mm	Maximum recess radius

Dimensions

r _{min}	4 mm	Minimum chamfer dimension
r _{1 min}	4 mm	Minimum chamfer dimension
s	9,7 mm	Axial displacement
E	283 mm	Raceway diameter outer ring
F	193 mm	Raceway diameter inner ring
D _{1 min}	269,8 mm	Minimum rib diameter outer ring
d ₁	209,5 mm	Maximum rib diameter inner ring

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	150 °C	Operating temperature max.

Additional information

HJ2330-E

L-washer

