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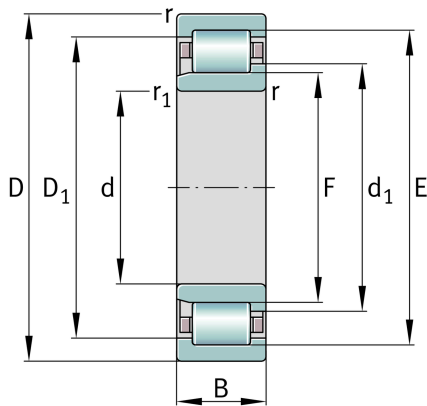
NJ407-XL-M1

Cylindrical roller bearing

Schaeffler ID:
0192296740000

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

**Main Dimensions & Performance Data**

d	35 mm	Bore diameter
D	100 mm	Outside diameter
B	25 mm	Width
C_r	103,000 N	Basic dynamic load rating, radial
C_{0r}	83,000 N	Basic static load rating, radial
C_{ur}	14,500 N	Fatigue load limit, radial
n_G	13,600 1/min	Limiting speed
n_{gr}	7,000 1/min	Reference speed
	1.144 kg	Weight

Dimensions

r_{min}	1.5 mm	Minimum chamfer dimension
r_{1min}	1.5 mm	Minimum chamfer dimension
s	2.6 mm	Axial displacement
E	83 mm	Raceway diameter outer ring
F	53 mm	Raceway diameter inner ring
D_{1min}	78.2 mm	Minimum rib diameter outer ring
d_1	58.8 mm	Maximum rib diameter inner ring

Mounting dimensions

d_{amin}	46 mm	Minimum diameter shaft shoulder
d_{amax}	52 mm	Maximum diameter of shaft shoulder
D_{amax}	89 mm	Maximum diameter of housing shoulder
d_{cmin}	61 mm	Minimum shaft shoulder
r_{amax}	1.5 mm	Maximum recess radius

Additional information

HJ407	L-washer
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Temperature range

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