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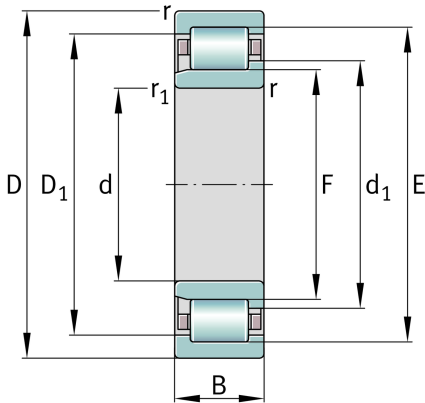
NJ421-XL-M1

Cylindrical roller bearing

Schaeffler ID:
0389085490000

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	105 mm	Bore diameter
D	260 mm	Outside diameter
B	60 mm	Width
C _r	610.000 N	Basic dynamic load rating, radial
C _{0r}	590.000 N	Basic static load rating, radial
C _{ur}	97.000 N	Fatigue load limit, radial
n _G	4.150 1/min	Limiting speed
n _{gr}	2.750 1/min	Reference speed
	17,7 kg	Weight

Dimensions

	HJ421	L-washer
r _{min}	4 mm	Minimum chamfer dimension
r _{1 min}	4 mm	Minimum chamfer dimension
s	5,7 mm	Axial displacement
E	220,5 mm	Raceway diameter outer ring
F	144,5 mm	Raceway diameter inner ring
D _{1 min}	207,4 mm	Minimum rib diameter outer ring
d ₁	158,8 mm	Maximum rib diameter inner ring

Mounting dimensions

d _{a min}	125 mm	Minimum diameter shaft shoulder
d _{a max}	143 mm	Maximum diameter of shaft shoulder
D _{a max}	240 mm	Maximum diameter of housing shoulder
d _{c min}	162 mm	Minimum shaft shoulder
r _{a max}	3 mm	Maximum recess radius

Temperature range

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