



NN3013MBKR
Double-Row Cylindrical Roller Bearings

Parts Number

NN3013MBKRE44CC1P4
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Boundary Dimensions

	NN: Inner ring rib type		Bearing Type
d	65	mm	Bore diameter
D	100	mm	Outside diameter
B	26	mm	Width
r(min.)	1.1	mm	Chamfer Dimension

Basic Load Ratings

Cr	88.5	kN	Basic Dynamic Load Rating
C0r	116	kN	Basic Static Load Rating

Speeds

Grease	9100	min-1	Limiting Speed
Oil (Oil-air)	11000	min-1	Limiting Speed

Dimensions

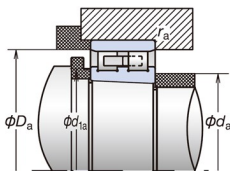
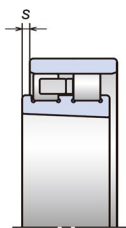
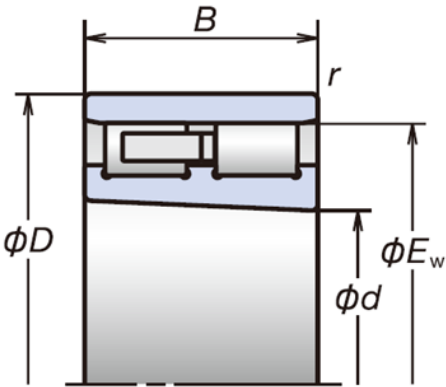
Ew	91	mm	Roller Circumscribed Circle Diameters
s	1.4	mm	Axial Displacement

Abutment and Fillet Dimensions

da(min.)	71.5	mm	Diameter of Shaft Abutment
d1a(min.)	72	mm	Diameter of Shaft Abutment
Da(min.)	93	mm	Diameter of Housing Abutment
Da(max.)	93.5	mm	Diameter of Housing Abutment
ra(max.)	1	mm	Radius of Shaft or Housing Fillet

Additional information

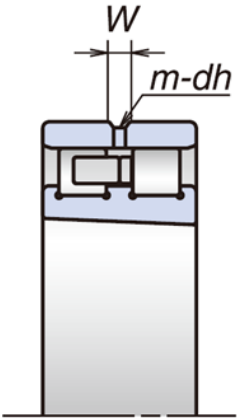
CC1(max.)	20	μm	Clearance in Bearings with Cylindrical Bores
CC1(min.)	5	μm	Clearance in Bearings with Cylindrical Bores
CC1(max.)	35	μm	Clearance in Bearings with Tapered Bores
CC1(min.)	15	μm	Clearance in Bearings with Tapered Bores
CC0(max.)	20	μm	Clearance in Bearings with Tapered Bores
CC0(min.)	10	μm	Clearance in Bearings with Tapered Bores
CC9(max.)	15	μm	Clearance in Bearings with Tapered Bores
CC9(min.)	5	μm	Clearance in Bearings with Tapered Bores





# PRODUCT DATASHEET

Datasheet creation date: 2025/06/02 10:37 (UTC)



2.2	g/brg	Recommended Grease Quantities
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Holes Dimensions

dh	2	mm	Hole Diameter
W	3.5	mm	Oil Groove Width
m	4		Number of Holes

Mass

0.862	kg	Mass(approx.)
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