



PRODUCT DATASHEET

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MOTION & CONTROL
NSK



N324W

Single-Row Cylindrical Roller Bearings

Boundary Dimensions

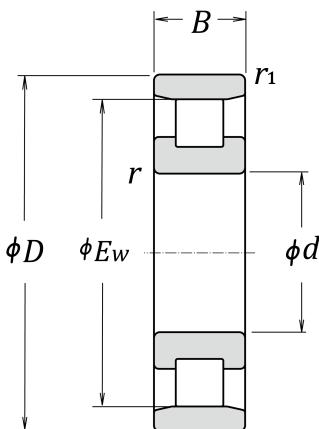
d	120	mm	Bore diameter
D	260	mm	Outside diameter
B	55	mm	Width
EW	226	mm	Raceway diameter of outer ring
r (min.)	3	mm	Chamfer dimension
r1 (min.)	3	mm	Chamfer dimension

Basic Load Ratings

Cr	550000	N	Basic dynamic load rating
C0r	510000	N	Basic static load rating

Speeds

Thermal Speed Rating (Oil-bath)	3000	min-1	Oil-bath lubrication subject to conditions outlined in ISO 15312
Grease	1800	min-1	Grease lubrication
Oil (Oil-bath)	2200	min-1	Oil-bath lubrication



Abutment and Fillet Dimensions

da (min.)	133	mm	Diameter of shaft abutment
Db (min.)	231	mm	Diameter of housing abutment
Db (max.)	247	mm	Diameter of housing abutment
ra (max.)	2.5	mm	Radius of shaft or housing fillet
rb (max.)	2.5	mm	Radius of shaft or housing fillet

Mass

Mass approx.	12.9	kg	Mass approx.
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