



PRODUCT DATASHEET

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MOTION & CONTROL
NSK

NU1012

Single-Row Cylindrical Roller Bearings

Boundary Dimensions

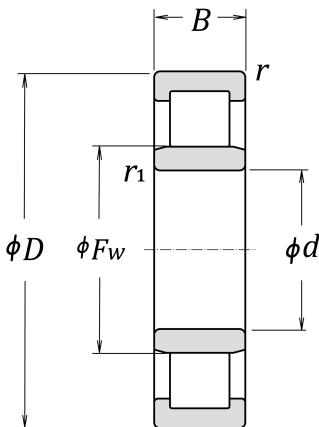
d	60	mm	Bore diameter
D	95	mm	Outside diameter
B	18	mm	Width
FW	69.5	mm	Raceway diameter of inner ring
r (min.)	1.1	mm	Chamfer dimension
r1 (min.)	1	mm	Chamfer dimension

Basic Load Ratings

Cr	49500	N	Basic dynamic load rating
C0r	48500	N	Basic static load rating

Speeds

Thermal Speed Rating (Oil-bath)	7500	min-1	Oil-bath lubrication subject to conditions outlined in ISO 15312
Grease	6700	min-1	Grease lubrication
Oil (Oil-bath)	8500	min-1	Oil-bath lubrication



Abutment and Fillet Dimensions

da (min.)	66.5	mm	Diameter of shaft abutment
db (min.)	65	mm	Diameter of shaft / spacer sleeve abutment
db (max.)	68	mm	Diameter of shaft / spacer sleeve abutment
dc (min.)	71	mm	Diameter of shaft abutment
Da (max.)	88.5	mm	Diameter of housing abutment
ra (max.)	1	mm	Radius of shaft or housing fillet
rb (max.)	1	mm	Radius of shaft or housing fillet

Mass

Mass approx.	0.474	kg	Mass approx.
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