



PRODUCT DATASHEET

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MOTION & CONTROL
NSK

NU1022

Single-Row Cylindrical Roller Bearings

Boundary Dimensions

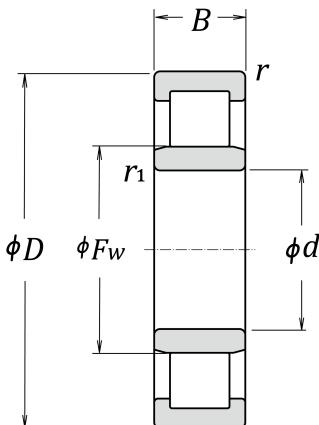
d	110	mm	Bore diameter
D	170	mm	Outside diameter
B	28	mm	Width
FW	125	mm	Raceway diameter of inner ring
r (min.)	2	mm	Chamfer dimension
r1 (min.)	1.1	mm	Chamfer dimension

Basic Load Ratings

Cr	161000	N	Basic dynamic load rating
C0r	174000	N	Basic static load rating

Speeds

Thermal Speed Rating (Oil-bath)	4500	min-1	Oil-bath lubrication subject to conditions outlined in ISO 15312
Grease	3800	min-1	Grease lubrication
Oil (Oil-bath)	4500	min-1	Oil-bath lubrication



Abutment and Fillet Dimensions

da (min.)	119	mm	Diameter of shaft abutment
db (min.)	116.5	mm	Diameter of shaft / spacer sleeve abutment
db (max.)	123	mm	Diameter of shaft / spacer sleeve abutment
dc (min.)	128	mm	Diameter of shaft abutment
Da (max.)	161	mm	Diameter of housing abutment
ra (max.)	2	mm	Radius of shaft or housing fillet
rb (max.)	1	mm	Radius of shaft or housing fillet

Mass

Mass approx.	2.27	kg	Mass approx.
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