



NU1014

Single-Row Cylindrical Roller Bearings

Boundary Dimensions

d	70	mm	Bore diameter
D	110	mm	Outside diameter
B	20	mm	Width
FW	80	mm	Raceway diameter of inner ring
r (min.)	1.1	mm	Chamfer dimension
r1 (min.)	1	mm	Chamfer dimension

Basic Load Ratings

Cr	71500	N	Basic dynamic load rating
C0r	70500	N	Basic static load rating

Speeds

Thermal Speed Rating (Oil-bath)	6300	min-1	Oil-bath lubrication subject to conditions outlined in ISO 15312
Grease	6000	min-1	Grease lubrication
Oil (Oil-bath)	7100	min-1	Oil-bath lubrication

Abutment and Fillet Dimensions

da (min.)	76.5	mm	Diameter of shaft abutment
db (min.)	75	mm	Diameter of shaft / spacer sleeve abutment
db (max.)	79	mm	Diameter of shaft / spacer sleeve abutment
dc (min.)	82	mm	Diameter of shaft abutment
Da (max.)	103.5	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.	0.688	kg	Mass approx.
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