



NU212EW

Single-Row Cylindrical Roller Bearings

Boundary Dimensions

d	60	mm	Bore diameter
D	110	mm	Outside diameter
B	22	mm	Width
FW	72	mm	Raceway diameter of inner ring
r (min.)	1.5	mm	Chamfer dimension
r1 (min.)	1.5	mm	Chamfer dimension

Basic Load Ratings

Cr	120000	N	Basic dynamic load rating
C0r	107000	N	Basic static load rating

Speeds

Thermal Speed Rating (Oil-bath)	6300	min-1	Oil-bath lubrication subject to conditions outlined in ISO 15312
Mechanical (forced-circulation oil)	9500	min-1	Properly designed and controlled forced-circulation oil lubrication
Grease	5300	min-1	Grease lubrication
Oil (Oil-bath)	6300	min-1	Oil-bath lubrication

Abutment and Fillet Dimensions

da (min.)	68	mm	Diameter of shaft abutment
db (min.)	68	mm	Diameter of shaft / spacer sleeve abutment
db (max.)	70	mm	Diameter of shaft / spacer sleeve abutment
dc (min.)	75	mm	Diameter of shaft abutment
dd (min.)	80	mm	Diameter of shaft abutment
Da (max.)	102	mm	Diameter of housing abutment
ra (max.)	1.5	mm	Radius of shaft or housing fillet
rb (max.)	1.5	mm	Radius of shaft or housing fillet

Mass

Mass approx.	0.824	kg	Mass approx.
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