



PRODUCT DATASHEET

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NJ2226EM

Single-Row Cylindrical Roller Bearings

Boundary Dimensions

d	130	mm	Bore diameter
D	230	mm	Outside diameter
B	64	mm	Width
FW	153.5	mm	Raceway diameter of inner ring
r (min.)	3	mm	Chamfer dimension
r1 (min.)	3	mm	Chamfer dimension

Basic Load Ratings

Cr	650000	N	Basic dynamic load rating
C0r	735000	N	Basic static load rating

Speeds

Thermal Speed Rating (Oil-bath)	3400	min-1	Oil-bath lubrication subject to conditions outlined in ISO 15312
Mechanical (forced-circulation oil)	4500	min-1	Properly designed and controlled forced-circulation oil lubrication
Grease	2400	min-1	Grease lubrication
Oil (Oil-bath)	3000	min-1	Oil-bath lubrication

Abutment and Fillet Dimensions

da (min.)	143	mm	Diameter of shaft abutment
db (min.)	143	mm	Diameter of shaft / spacer sleeve abutment
db (max.)	150	mm	Diameter of shaft / spacer sleeve abutment
dc (min.)	158	mm	Diameter of shaft abutment
dd (min.)	168	mm	Diameter of shaft abutment
Da (max.)	217	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.	11.9	kg	Mass approx.
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