



N215W

Single-Row Cylindrical Roller Bearings

Parts Number

N215W

Boundary Dimensions

d	75	mm	Bore diameter
D	130	mm	Outside diameter
B	25	mm	Width
EW	116.5	mm	Raceway diameter of outer ring
r (min.)	1.5	mm	Chamfer dimension
r1 (min.)	1.5	mm	Chamfer dimension

Basic Load Ratings

C_r	119000	N	Basic dynamic load rating
C_{0r}	111000	N	Basic static load rating

Speeds

Thermal Speed Rating (Oil-bath)	6000	min^{-1}	Oil-bath lubrication subject to conditions outlined in ISO 15312
Grease	3800	min^{-1}	Grease lubrication
Oil (Oil-bath)	4800	min^{-1}	Oil-bath lubrication

Abutment and Fillet Dimensions

d_a (min.)	83	mm	Diameter of shaft abutment
D_b (min.)	119	mm	Diameter of housing abutment
D_b (max.)	122	mm	Diameter of housing abutment
r_a (max.)	1.5	mm	Radius of shaft or housing fillet
r_b (max.)	1.5	mm	Radius of shaft or housing fillet

Mass

(approx.)	1.23	kg
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