



2311K

Self-Aligning Ball Bearings

Parts Number

2311KC3

Boundary Dimensions

d	55	mm	Bore diameter
D	120	mm	Outside diameter
B	43	mm	Width
r (min.)	2	mm	Chamfer dimension

Basic Load Ratings

Cr	84000	N	Basic dynamic load rating
C0r	24000	N	Basic static load rating

Speeds

Grease	4800	min-1	Grease lubrication
Oil (Oil-bath)	6000	min-1	Oil-bath lubrication

Abutment and Fillet Dimensions

da (min.)	64	mm	Diameter of shaft abutment
Da (max.)	111	mm	Diameter of housing abutment
ra (max.)	2	mm	Radius of shaft or housing fillet

Calculation factors

e	0.41	Constant
Y2	2.4	Axial load Factors
Y3	1.5	Axial load Factors
Y0	1.6	Axial load Factors

Mass

Mass approx.	2.03	kg	Mass approx.
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Associated products

Adapter	H2311X	Adapter
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