



1211K

Self-Aligning Ball Bearings

Boundary Dimensions

d	55	mm	Bore diameter
D	100	mm	Outside diameter
B	21	mm	Width
r (min.)	1.5	mm	Chamfer dimension

Basic Load Ratings

Cr	29600	N	Basic dynamic load rating
C0r	10000	N	Basic static load rating

Speeds

Grease	6000	min-1	Grease lubrication
Oil (Oil-bath)	7100	min-1	Oil-bath lubrication

Abutment and Fillet Dimensions

da (min.)	63	mm	Diameter of shaft abutment
Da (max.)	92	mm	Diameter of housing abutment
ra (max.)	1.5	mm	Radius of shaft or housing fillet

Calculation factors

e	0.2	Constant
Y2	4.9	Axial load Factors
Y3	3.2	Axial load Factors
Y0	3.3	Axial load Factors

Mass

Mass approx.	0.705	kg	Mass approx.
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Associated products

Adapter	H211X	Adapter
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