



## 1211K

### Self-Aligning Ball Bearings

#### Parts Number

1211KC3
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#### 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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