



2312

Self-Aligning Ball Bearings



Boundary Dimensions

d	60	mm	Bore diameter
D	130	mm	Outside diameter
B	46	mm	Width
r (min.)	2.1	mm	Chamfer dimension

Basic Load Ratings

Cr	97000	N	Basic dynamic load rating
C0r	28300	N	Basic static load rating

Speeds

Grease	4300	min-1	Grease lubrication
Oil (Oil-bath)	5300	min-1	Oil-bath lubrication

Abutment and Fillet Dimensions

da (min.)	71	mm	Diameter of shaft abutment
Da (max.)	119	mm	Diameter of housing abutment
ra (max.)	2	mm	Radius of shaft or housing fillet

Calculation factors

e	0.4	Constant
Y2	2.4	Axial load Factors
Y3	1.6	Axial load Factors
Y0	1.6	Axial load Factors

Mass

Mass approx.	2.49	kg	Mass approx.
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