



2212

Self-Aligning Ball Bearings



Boundary Dimensions

d	60	mm	Bore diameter
D	110	mm	Outside diameter
B	28	mm	Width
r (min.)	1.5	mm	Chamfer dimension

Basic Load Ratings

Cr	37500	N	Basic dynamic load rating
C0r	12600	N	Basic static load rating

Speeds

Grease	5300	min-1	Grease lubrication
Oil (Oil-bath)	6300	min-1	Oil-bath lubrication

Abutment and Fillet Dimensions

da (min.)	68	mm	Diameter of shaft abutment
Da (max.)	102	mm	Diameter of housing abutment
ra (max.)	1.5	mm	Radius of shaft or housing fillet

Calculation factors

e	0.28	Constant
Y2	3.5	Axial load Factors
Y3	2.3	Axial load Factors
Y0	2.4	Axial load Factors

Mass

Mass approx.	1.03	kg	Mass approx.
--------------	------	----	--------------

