



PRODUCT DATASHEET

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MOTION & CONTROL
NSK

1306K

Self-Aligning Ball Bearings



Boundary Dimensions

d	30	mm	Bore diameter
D	72	mm	Outside diameter
B	19	mm	Width
r (min.)	1.1	mm	Chamfer dimension

Basic Load Ratings

Cr	23600	N	Basic dynamic load rating
C0r	6300	N	Basic static load rating

Speeds

Grease	8500	min-1	Grease lubrication
Oil (Oil-bath)	11000	min-1	Oil-bath lubrication

Abutment and Fillet Dimensions

da (min.)	36.5	mm	Diameter of shaft abutment
Da (max.)	65.5	mm	Diameter of housing abutment
ra (max.)	1	mm	Radius of shaft or housing fillet

Calculation factors

e	0.26	Constant
Y2	3.7	Axial load Factors
Y3	2.4	Axial load Factors
Y0	2.5	Axial load Factors

Mass

Mass approx.	0.385	kg	Mass approx.
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Associated products

Adapter	H306X	Adapter
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