



PRODUCT DATASHEET

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MOTION & CONTROL
NSK



22230CDKE4

Spherical Roller Bearings

Boundary Dimensions

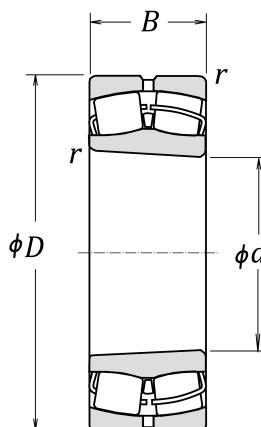
d	150	mm	Bore diameter
D	270	mm	Outside diameter
B	73	mm	Width
r (min.)	3	mm	Chamfer dimension

Basic Load Ratings

Cr	955000	N	Basic dynamic load rating
C0r	1120000	N	Basic static load rating

Speeds

Thermal Speed Rating (Oil-bath)	2400	min-1	Oil-bath lubrication subject to conditions outlined in ISO 15312
Mechanical (forced-circulation oil)	3000	min-1	Properly designed and controlled forced-circulation oil lubrication
Grease	1300	min-1	Grease lubrication
Oil (Oil-bath)	1600	min-1	Oil-bath lubrication

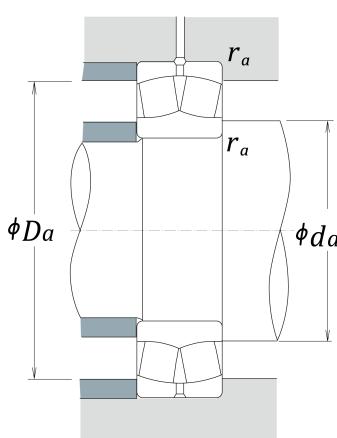


Abutment and Fillet Dimensions

da (min.)	164	mm	Diameter of shaft abutment
da (max.)	179	mm	Diameter of shaft abutment
Da (min.)	236	mm	Diameter of housing abutment
Da (max.)	256	mm	Diameter of housing abutment
ra (max.)	2.5	mm	Radius of shaft or housing fillet

Calculation factors

e	0.26	Constant
Y2	3.9	Axial load Factors
Y3	2.6	Axial load Factors
Y0	2.5	Axial load Factors



Mass

Mass approx.	18.4	kg	Mass approx.
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Associated products

Adapter	H3130	Adapter
Withdrawal sleeve	AHX3130	Withdrawal sleeve