



PRODUCT DATASHEET

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22324EAE4

Spherical Roller Bearings

Boundary Dimensions

d	120	mm	Bore diameter
D	260	mm	Outside diameter
B	86	mm	Width
r (min.)	3	mm	Chamfer dimension

Basic Load Ratings

Cr	1190000	N	Basic dynamic load rating
C0r	1320000	N	Basic static load rating

Speeds

Mechanical (forced-circulation oil)	1400	min-1	Properly designed and controlled forced-circulation oil lubrication
Grease	1100	min-1	Grease lubrication
Oil (Oil-bath)	1400	min-1	Oil-bath lubrication

Abutment and Fillet Dimensions

da (min.)	134	mm	Diameter of shaft abutment
da (max.)	157	mm	Diameter of shaft abutment
Da (min.)	222	mm	Diameter of housing abutment
Da (max.)	246	mm	Diameter of housing abutment
ra (max.)	2.5	mm	Radius of shaft or housing fillet

Calculation factors

e	0.32	Constant
Y2	3.1	Axial load Factors
Y3	2.1	Axial load Factors
Y0	2	Axial load Factors

Mass

Mass approx.	22.2	kg	Mass approx.
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