



PRODUCT DATASHEET

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6900DD

Single-Row Deep Groove Ball Bearings

Boundary Dimensions

d	10	mm	Bore diameter
D	22	mm	Outside diameter
B	6	mm	Width
r (min.)	0.3	mm	Chamfer dimension

Basic Load Ratings

Cr	2970	N	Basic dynamic load rating
C0r	1270	N	Basic static load rating

Speeds

Grease	22000	min-1	Grease lubrication
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Abutment and Fillet Dimensions

da (min.)	12	mm	Diameter of shaft abutment
da (max.)	12.5	mm	Diameter of shaft abutment
Da (max.)	20	mm	Diameter of housing abutment
ra (max.)	0.3	mm	Radius of shaft or housing fillet

Calculation factors

fo	14		Factor
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Additional information

z	9		Number of Balls
Dw	3.175	mm	Ball Diameter

Mass

Mass approx.	0.009	kg	Mass approx.
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