



6814DD

Single-Row Deep Groove Ball Bearings

Boundary Dimensions

d	70	mm	Bore diameter
D	90	mm	Outside diameter
B	10	mm	Width
r (min.)	0.6	mm	Chamfer dimension

Basic Load Ratings

Cr	13300	N	Basic dynamic load rating
C0r	12700	N	Basic static load rating

Speeds

Grease	3800	min-1	Grease lubrication
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Abutment and Fillet Dimensions

da (min.)	74	mm	Diameter of shaft abutment
da (max.)	74.5	mm	Diameter of shaft abutment
Da (max.)	86	mm	Diameter of housing abutment
ra (max.)	0.6	mm	Radius of shaft or housing fillet

Calculation factors

fo	17.2		Factor
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Additional information

z	24		Number of Balls
Dw	5.556	mm	Ball Diameter

Mass

Mass approx.	0.134	kg	Mass approx.
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