



PRODUCT DATASHEET

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6803

Single-Row Deep Groove Ball Bearings

Boundary Dimensions

d	17	mm	Bore diameter
D	26	mm	Outside diameter
B	5	mm	Width
r (min.)	0.3	mm	Chamfer dimension

Basic Load Ratings

Cr	2890	N	Basic dynamic load rating
C0r	1570	N	Basic static load rating

Speeds

Grease	26000	min-1	Grease lubrication
Oil (Oil-bath)	30000	min-1	Oil-bath lubrication

Abutment and Fillet Dimensions

da (min.)	19	mm	Diameter of shaft abutment
da (max.)	19	mm	Diameter of shaft abutment
Da (max.)	24	mm	Diameter of housing abutment
ra (max.)	0.3	mm	Radius of shaft or housing fillet

Calculation factors

fo	15.7		Factor
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Additional information

z	13		Number of Balls
Dw	2.778	mm	Ball Diameter

Mass

Mass approx.	0.007	kg	Mass approx.
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