



PRODUCT DATASHEET

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6804VV

Single-Row Deep Groove Ball Bearings

Parts Number

6804VVCM

Boundary Dimensions

d	20	mm	Bore diameter
D	32	mm	Outside diameter
B	7	mm	Width
r (min.)	0.3	mm	Chamfer dimension

Basic Load Ratings

C _r	4400	N	Basic dynamic load rating
C _{0r}	2470	N	Basic static load rating

Speeds

Grease	22000	min ⁻¹	Grease lubrication
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Abutment and Fillet Dimensions

da (min.)	22	mm	Diameter of shaft abutment
da (max.)	22	mm	Diameter of shaft abutment
Da (max.)	30	mm	Diameter of housing abutment
ra (max.)	0.3	mm	Radius of shaft or housing fillet
Dx (min.)	0	mm	Diameter of snap ring recess in the housing
Cy (max.)	0	mm	Distance from outer ring side face to snap ring back face

Calculation factors

fo	15.5	Factor
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Additional information

z	13	Number of Balls
Dw	3.5	mm Ball Diameter

Mass

(approx.)	0.017	kg
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