



PRODUCT DATASHEET

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6805VV

Single-Row Deep Groove Ball Bearings



Boundary Dimensions

d	25	mm	Bore diameter
D	37	mm	Outside diameter
B	7	mm	Width
r (min.)	0.3	mm	Chamfer dimension

Basic Load Ratings

C _r	4950	N	Basic dynamic load rating
C _{0r}	3150	N	Basic static load rating

Speeds

Grease	18000	min ⁻¹	Grease lubrication
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Abutment and Fillet Dimensions

da (min.)	27	mm	Diameter of shaft abutment
da (max.)	27	mm	Diameter of shaft abutment
Da (max.)	35	mm	Diameter of housing abutment
ra (max.)	0.3	mm	Radius of shaft or housing fillet

Calculation factors

f _o	16.1		Factor
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Additional information

z	16		Number of Balls
D _w	3.5	mm	Ball Diameter

Mass

(approx.)	0.021	kg	
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