



6826

Single-Row Deep Groove Ball Bearings



Boundary Dimensions

d	130	mm	Bore diameter
D	165	mm	Outside diameter
B	18	mm	Width
r (min.)	1.1	mm	Chamfer dimension

Basic Load Ratings

Cr	40500	N	Basic dynamic load rating
C0r	44000	N	Basic static load rating

Speeds

Grease	3600	min-1	Grease lubrication
Oil (Oil-bath)	4300	min-1	Oil-bath lubrication

Abutment and Fillet Dimensions

da (min.)	136.5	mm	Diameter of shaft abutment
da (max.)	138	mm	Diameter of shaft abutment
Da (max.)	158.5	mm	Diameter of housing abutment
ra (max.)	1	mm	Radius of shaft or housing fillet

Calculation factors

fo	17.1		Factor
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Additional information

z	24		Number of Balls
Dw	10.319	mm	Ball Diameter

Mass

Mass approx.	0.758	kg	Mass approx.
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