



# PRODUCT DATASHEET

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MOTION & CONTROL  
**NSK**



## 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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