

**FAG****6202**

Deep groove ball bearing

Schaeffler ID:  
0167194250000Deep groove ball bearing 62, single row,  
steel sheet metal cage

## Technical information

**Main Dimensions & Performance Data**

d	15 mm	Bore diameter
D	35 mm	Outside diameter
B	11 mm	Width
C <sub>r</sub>	8.200 N	Basic dynamic load rating, radial
C <sub>0r</sub>	3.750 N	Basic static load rating, radial
C <sub>ur</sub>	227 N	Fatigue load limit, radial
n <sub>G</sub>	25.500 1/min	Limiting speed
n <sub>gr</sub>	19.800 1/min	Reference speed
	44 g	Weight

**Dimensions**

r <sub>min</sub>	0,6 mm	Minimum chamfer dimension
D <sub>1</sub>	29,3 mm	Shoulder diameter outer ring
d <sub>1</sub>	21,1 mm	Shoulder diameter inner ring

**Mounting dimensions**

d <sub>a min</sub>	19,2 mm	Minimum diameter shaft shoulder
D <sub>a max</sub>	30,8 mm	Maximum diameter of housing shoulder
r <sub>a max</sub>	0,6 mm	Maximum fillet radius

**Calculation factors**

f <sub>0</sub>	13	Calculation factor
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**Temperature range**

T <sub>min</sub>	-30 °C	Operating temperature min.
T <sub>max</sub>	120 °C	Operating temperature max.