

**FAG****6206-2Z**

Deep groove ball bearing

Schaeffler ID:  
0167200670000Deep groove ball bearing 62...-2Z, single  
row, shields, steel sheet metal cage

## Technical information

**Main Dimensions & Performance Data**

d	30 mm	Bore diameter
D	62 mm	Outside diameter
B	16 mm	Width
C <sub>r</sub>	20.700 N	Basic dynamic load rating, radial
C <sub>0r</sub>	11.300 N	Basic static load rating, radial
C <sub>ur</sub>	700 N	Fatigue load limit, radial
n <sub>G</sub>	13.800 1/min	Limiting speed
n <sub>gr</sub>	12.000 1/min	Reference speed
	0,196 kg	Weight

**Dimensions**

r <sub>min</sub>	1 mm	Minimum chamfer dimension
D <sub>2</sub>	54,9 mm	Caliber diameter outer ring
d <sub>1</sub>	40 mm	Shoulder diameter inner ring

**Mounting dimensions**

d <sub>a min</sub>	35,6 mm	Minimum diameter shaft shoulder
D <sub>a max</sub>	56,4 mm	Maximum diameter of housing shoulder
r <sub>a max</sub>	1 mm	Maximum fillet radius

**Calculation factors**

f <sub>0</sub>	13,8	Calculation factor
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**Temperature range**

T <sub>min</sub>	-20 °C	Operating temperature min.
T <sub>max</sub>	120 °C	Operating temperature max.