

FAG**6212-2Z**

Deep groove ball bearing

Schaeffler ID:
0167209540000Deep groove ball bearing 62...-2Z, single
row, shields, steel sheet metal cage

Technical information

Main Dimensions & Performance Data

d	60 mm	Bore diameter
D	110 mm	Outside diameter
B	22 mm	Width
C _r	57.000 N	Basic dynamic load rating, radial
C _{0r}	36.500 N	Basic static load rating, radial
C _{ur}	2.550 N	Fatigue load limit, radial
n _G	7.900 1/min	Limiting speed
n _{gr}	6.800 1/min	Reference speed
	0,775 kg	Weight

Dimensions

r _{min}	1,5 mm	Minimum chamfer dimension
D ₂	97,7 mm	Caliber diameter outer ring
d ₁	75,8 mm	Shoulder diameter inner ring

Mounting dimensions

d _{a min}	69 mm	Minimum diameter shaft shoulder
D _{a max}	101 mm	Maximum diameter of housing shoulder
r _{a max}	1,5 mm	Maximum fillet radius

Calculation factors

f ₀	14,5	Calculation factor
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Temperature range

T _{min}	-20 °C	Operating temperature min.
T _{max}	120 °C	Operating temperature max.