

FAG**6313-C-2Z**

Deep groove ball bearing

Schaeffler ID:
0875164890000

Deep groove ball bearing 63...-C-2Z, single row, Generation C, shields, steel sheet metal cage

Technical information

Main Dimensions & Performance Data

d	65 mm	Bore diameter
D	140 mm	Outside diameter
B	33 mm	Width
C _r	101.000 N	Basic dynamic load rating, radial
C _{0r}	60.000 N	Basic static load rating, radial
C _{ur}	4.100 N	Fatigue load limit, radial
n _G	6.200 1/min	Limiting speed
n _{gr}	7.000 1/min	Reference speed
	2,075 kg	Weight

Dimensions

r _{min}	2,1 mm	Minimum chamfer dimension
D ₂	121,4 mm	Caliber diameter outer ring
d ₂	85,6 mm	Caliber diameter inner ring

Mounting dimensions

d _{a min}	77 mm	Minimum diameter shaft shoulder
D _{a max}	128 mm	Maximum diameter of housing shoulder
r _{a max}	2,1 mm	Maximum fillet radius

Calculation factors

f ₀	13,2	Calculation factor
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Temperature range

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