

FAG**6215**

Deep groove ball bearing

Schaeffler ID:
0167212500000Deep groove ball bearing 62, single row,
steel sheet metal cage

Technical information

Main Dimensions & Performance Data

d	75 mm	Bore diameter
D	130 mm	Outside diameter
B	25 mm	Width
C _r	70.000 N	Basic dynamic load rating, radial
C _{0r}	49.000 N	Basic static load rating, radial
C _{ur}	2.490 N	Fatigue load limit, radial
n _G	7.100 1/min	Limiting speed
n _{gr}	5.900 1/min	Reference speed
	1,158 kg	Weight

Dimensions

r _{min}	1,5 mm	Minimum chamfer dimension
D ₁	113 mm	Shoulder diameter outer ring
d ₁	92,1 mm	Shoulder diameter inner ring

Mounting dimensions

d _{a min}	84 mm	Minimum diameter shaft shoulder
D _{a max}	121 mm	Maximum diameter of housing shoulder
r _{a max}	1,5 mm	Maximum fillet radius

Calculation factors

f ₀	14,6	Calculation factor
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Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	150 °C	Operating temperature max.