



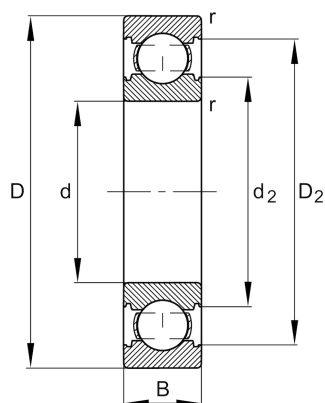
FAG

6313-C

Deep groove ball bearing

Schaeffler ID:
0875139190000Deep groove ball bearing 63..-C, single
row, Generation C, 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	7.300 1/min	Limiting speed
n_{gr}	7.000 1/min	Reference speed
	2,008 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_{amin}	77 mm	Minimum diameter shaft shoulder
D_{amax}	128 mm	Maximum diameter of housing shoulder
r_{amax}	2,1 mm	Maximum fillet radius

Calculation factors

f_0	13,2	Calculation factor
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Temperature range

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

