



FAG

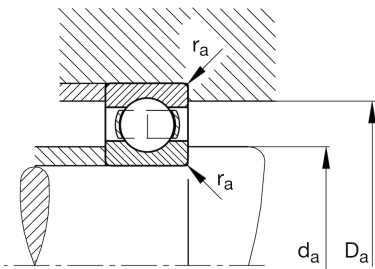
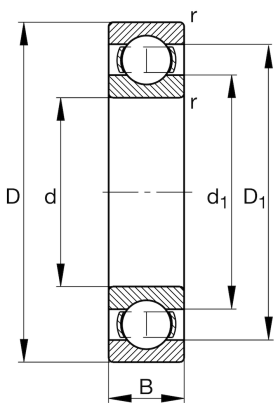
6413-C3

Deep groove ball bearing

Schaeffler ID:
0167248010030

Deep groove ball bearing 64, single row,
steel sheet metal cage

Technical information



Main Dimensions & Performance Data

d	65 mm	Bore diameter
D	160 mm	Outside diameter
B	37 mm	Width
C _r	123.000 N	Basic dynamic load rating, radial
C _{0r}	77.000 N	Basic static load rating, radial
C _{ur}	4.850 N	Fatigue load limit, radial
n _G	6.300 1/min	Limiting speed
n _{gr}	5.600 1/min	Reference speed
	3,49 kg	Weight

Mounting dimensions

d _{a min}	79 mm	Minimum diameter shaft shoulder
D _{a max}	146 mm	Maximum diameter of housing shoulder
r _{a max}	2,1 mm	Maximum fillet radius

Temperature range

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

Dimensions

r _{min}	2,1 mm	Minimum chamfer dimension
D ₁	133,3 mm	Shoulder diameter outer ring
d ₁	101,7 mm	Shoulder diameter inner ring

Calculation factors

f ₀	13,2	Calculation factor
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