



FAG

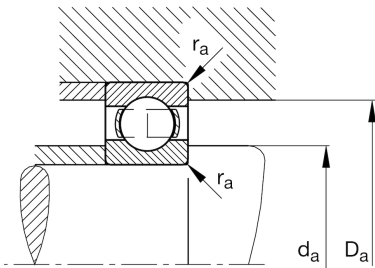
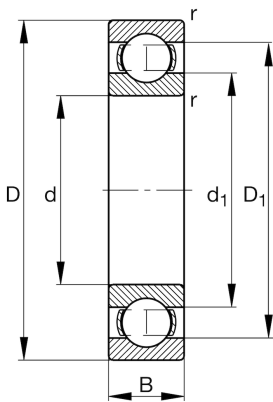
16018-C3 [🔗](#)

Deep groove ball bearing

Materiálové číslo Schaeffler:
0167011940030

Deep groove ball bearing 160, single row,
steel sheet metal cage

Technické informace



Main Dimensions & Performance Data

d	90 mm	Bore diameter
D	140 mm	Outside diameter
B	16 mm	Width
C _r	44.000 N	Basic dynamic load rating, radial
C _{0r}	39.500 N	Basic static load rating, radial
C _{ur}	2.080 N	Fatigue load limit, radial
n _G	6.800 1/min	Limiting speed
n _{gr}	4.400 1/min	Reference speed
≈m	0,866 kg	Hmotnost

Mounting dimensions

d _{a min}	94,6 mm	Minimum diameter shaft shoulder
D _{a max}	135,4 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum fillet radius

Dimensions

r _{min}	1 mm	Minimum chamfer dimension
D ₁	122,72 mm	Shoulder diameter outer ring
d ₁	107,56 mm	Shoulder diameter inner ring

Temperature range

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

Calculation factors

f ₀	16,4	Calculation factor
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