



FAG

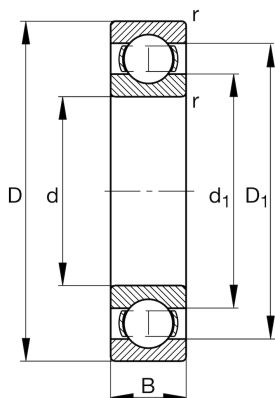
★ 16018

Deep groove ball bearing

Schaeffler ID:
0167011940000Deep groove ball bearing 160, single row,
steel sheet metal cage

★ Preferred product

Technical information



Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	150 °C	Operating temperature max.
	0,866 kg	Weight

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

Dimensions

r_{\min}	1 mm	Minimum chamfer dimension
D_1	122,7 mm	Shoulder diameter outer ring
d_1	107,6 mm	Shoulder diameter inner ring

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

Calculation factors

f_0	16,4	Calculation factor
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