

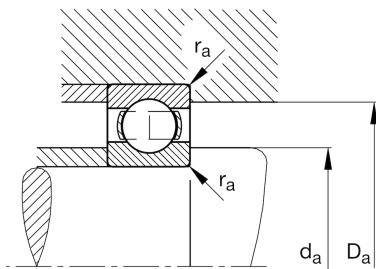
FAG★ **6016**

Deep groove ball bearing

Schaeffler ID:
0167181510000Deep groove ball bearing 60, 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.
	0,839 kg	Weight

Main Dimensions & Performance Data

d	80 mm	Bore diameter
D	125 mm	Outside diameter
B	22 mm	Width
C_r	51.000 N	Basic dynamic load rating, radial
C_{0r}	40.000 N	Basic static load rating, radial
C_{ur}	2.410 N	Fatigue load limit, radial
n_G	7.500 1/min	Limiting speed
n_{gr}	6.100 1/min	Reference speed

Dimensions

r_{\min}	1,1 mm	Minimum chamfer dimension
D_1	111 mm	Shoulder diameter outer ring
d_1	94 mm	Shoulder diameter inner ring

Mounting dimensions

$d_{a\min}$	86 mm	Minimum diameter shaft shoulder
$D_{a\max}$	119 mm	Maximum diameter of housing shoulder
$r_{a\max}$	1 mm	Maximum fillet radius

Calculation factors

f_0	15,7	Calculation factor
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