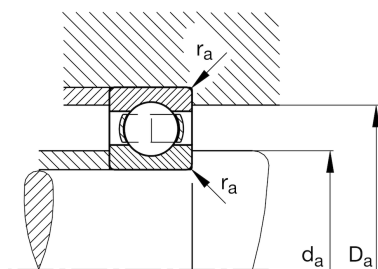
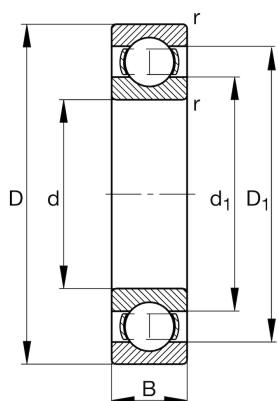


**FAG****6011**

Deep groove ball bearing

Schaeffler ID:
0167177400000Deep groove ball bearing 60, single row,
steel sheet metal cage

Technical information



Main Dimensions & Performance Data

d	55 mm	Bore diameter
D	90 mm	Outside diameter
B	18 mm	Width
C_r	30.000 N	Basic dynamic load rating, radial
C_{0r}	21.200 N	Basic static load rating, radial
C_{ur}	1.150 N	Fatigue load limit, radial
n_G	10.700 1/min	Limiting speed
n_{gr}	8.300 1/min	Reference speed
	0,365 kg	{Weight}

Mounting dimensions

$d_{a \min}$	61 mm	Minimum diameter shaft shoulder
$D_{a \max}$	84 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1 mm	Maximum fillet radius

Dimensions

r_{\min}	1,1 mm	Minimum chamfer dimension
D_1	78,86 mm	Shoulder diameter outer ring
d_1	66,2 mm	Shoulder diameter inner ring

Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	120 °C	Operating temperature max.

Calculation factors

f_0	15,3	Calculation factor
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