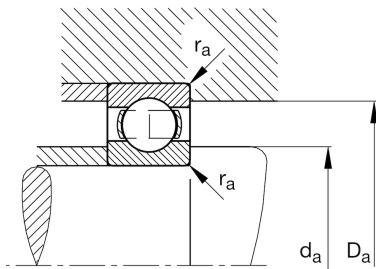
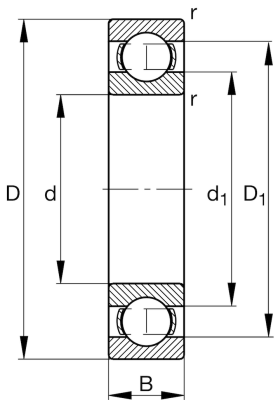


**FAG****6020**

Deep groove ball bearing

Schaeffler ID:
0167183480000Deep groove ball bearing 60, single row,
steel sheet metal cage

Technical information

**Main Dimensions & Performance Data**

d	100 mm	Bore diameter
D	150 mm	Outside diameter
B	24 mm	Width
C_r	64.000 N	Basic dynamic load rating, radial
C_{0r}	54.000 N	Basic static load rating, radial
C_{ur}	3.050 N	Fatigue load limit, radial
n_G	6.100 1/min	Limiting speed
n_{gr}	5.100 1/min	Reference speed
	1,32 kg	{Weight}

Mounting dimensions

$d_{a \min}$	107 mm	Minimum diameter shaft shoulder
$D_{a \max}$	143 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1,5 mm	Maximum fillet radius

Dimensions

r_{\min}	1,5 mm	Minimum chamfer dimension
D_1	134,12 mm	Shoulder diameter outer ring
d_1	116,58 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	15,8	Calculation factor
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