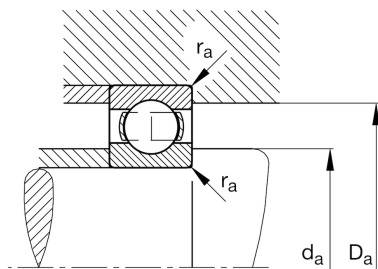
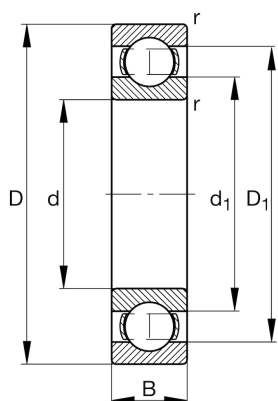


**FAG****6002**

Deep groove ball bearing

Schaeffler ID:
0545584170000Deep groove ball bearing 60, single row,
steel sheet metal cage

Technical information

**Main Dimensions & Performance Data**

d	15 mm	Bore diameter
D	32 mm	Outside diameter
B	9 mm	Width
C_r	5,900 N	Basic dynamic load rating, radial
C_{0r}	2,850 N	Basic static load rating, radial
C_{ur}	149 N	Fatigue load limit, radial
n_G	33,500 1/min	Limiting speed
n_{gr}	21,500 1/min	Reference speed
$\approx m$	28.09 g	Weight

Mounting dimensions

$d_{a \min}$	17 mm	Minimum diameter shaft shoulder
$D_{a \max}$	30 mm	Maximum diameter of housing shoulder
$r_{a \max}$	0.3 mm	Maximum fillet radius

Dimensions

r_{\min}	0.3 mm	Minimum chamfer dimension
D_1	26.86 mm	Shoulder diameter outer ring
D_2	28.35 mm	Caliber diameter outer ring
d_1	20.45 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	14	Calculation factor
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