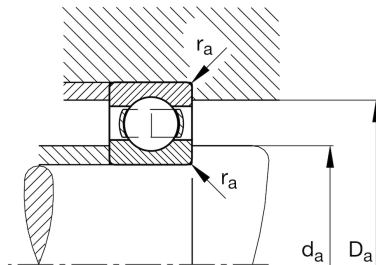
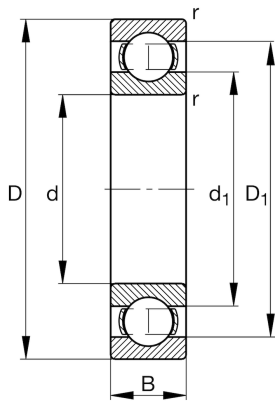


**FAG****61901**

Deep groove ball bearing

Schaeffler ID:
0554609500000Deep groove ball bearing 619, single row,
steel sheet metal cage

Technical information

**Dimensions**

r_{\min}	0.3 mm	Minimum chamfer dimension
D_1	20.3 mm	Shoulder diameter outer ring
d_1	16 mm	Shoulder diameter inner ring
	12 g	Weight

Main Dimensions & Performance Data

d	12 mm	Bore diameter
D	24 mm	Outside diameter
B	6 mm	Width
C_r	2,890 N	Basic dynamic load rating, radial
C_{0r}	1,460 N	Basic static load rating, radial
C_{ur}	77 N	Fatigue load limit, radial
n_G	45,000 1/min	Limiting speed
n_{gr}	23,300 1/min	Reference speed

Mounting dimensions

$d_{a\min}$	14 mm	Minimum diameter shaft shoulder
$D_{a\max}$	22 mm	Maximum diameter of housing shoulder
$r_{a\max}$	0.3 mm	Maximum fillet radius

Calculation factors

f_0	14.5	Calculation factor
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Temperature range

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