



FAG

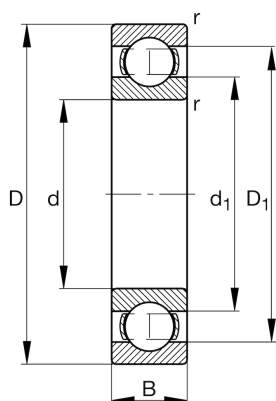
★ 61821-Y

Deep groove ball bearing

Schaeffler ID:
0096198790000Deep groove ball bearing 618..-Y, single
row, brass sheet metal cage

★ Preferred product

Technical information



Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	150 °C	Operating temperature max.
	0,34 kg	Weight

Main Dimensions & Performance Data

d	105 mm	Bore diameter
D	130 mm	Outside diameter
B	13 mm	Width
C_r	22.100 N	Basic dynamic load rating, radial
C_{0r}	23.600 N	Basic static load rating, radial
C_{ur}	1.320 N	Fatigue load limit, radial
n_G	9.200 1/min	Limiting speed
n_{gr}	3.900 1/min	Reference speed

Dimensions

r_{\min}	1 mm	Minimum chamfer dimension
D_1	122,1 mm	Shoulder diameter outer ring
d_1	113,2 mm	Shoulder diameter inner ring

Mounting dimensions

$d_{a\min}$	109,6 mm	Minimum diameter shaft shoulder
$D_{a\max}$	125,4 mm	Maximum diameter of housing shoulder
$r_{a\max}$	1 mm	Maximum fillet radius

Calculation factors

f_0	15,9	Calculation factor
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