

FAG

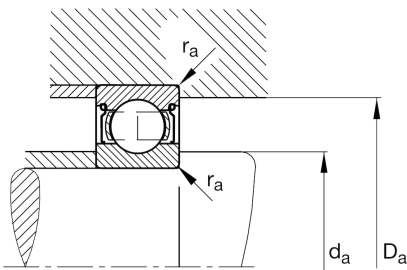
★ 6004-2Z

Deep groove ball bearing

Schaeffler ID:
0167171470000Deep groove ball bearing 60...-2Z, single
row, shields, steel sheet metal cage

★ Preferred product

Technical information



Main Dimensions & Performance Data

d	20 mm	Bore diameter
D	42 mm	Outside diameter
B	12 mm	Width
C_r	10.000 N	Basic dynamic load rating, radial
C_{0r}	5.000 N	Basic static load rating, radial
C_{ur}	290 N	Fatigue load limit, radial
n_G	21.100 1/min	Limiting speed
n_{gr}	18.200 1/min	Reference speed
	67,916 g	Weight

Dimensions

r_{min}	0,6 mm	Minimum chamfer dimension
D_2	37,4 mm	Caliber diameter outer ring
d_1	26,6 mm	Shoulder diameter inner ring

Mounting dimensions

d_{amin}	23,2 mm	Minimum diameter shaft shoulder
D_{amax}	38,8 mm	Maximum diameter of housing shoulder
r_{amax}	0,6 mm	Maximum fillet radius

Calculation factors

f_0	13,8	Calculation factor
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Temperature range

T_{min}	-20 °C	Operating temperature min.
T_{max}	120 °C	Operating temperature max.