**FAG**★ **6012-2Z**

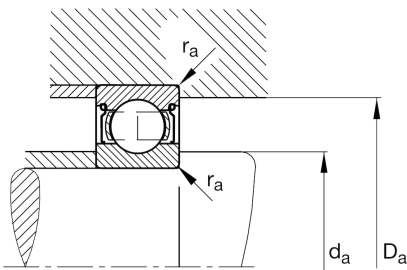
Deep groove ball bearing

Schaeffler ID:
0167178720000

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

★ Preferred product

Technical information

**Temperature range**

T_{\min}	-20 °C	Operating temperature min.
T_{\max}	120 °C	Operating temperature max.
	0,42 kg	Weight

Main Dimensions & Performance Data

d	60 mm	Bore diameter
D	95 mm	Outside diameter
B	18 mm	Width
C_r	31.500 N	Basic dynamic load rating, radial
C_{0r}	23.200 N	Basic static load rating, radial
C_{ur}	1.230 N	Fatigue load limit, radial
n_G	8.500 1/min	Limiting speed
n_{gr}	7.600 1/min	Reference speed

Dimensions

r_{\min}	1,1 mm	Minimum chamfer dimension
D_2	86 mm	Caliber diameter outer ring
d_1	71,3 mm	Shoulder diameter inner ring

Mounting dimensions

$d_{a\min}$	66 mm	Minimum diameter shaft shoulder
$D_{a\max}$	89 mm	Maximum diameter of housing shoulder
$r_{a\max}$	1 mm	Maximum fillet radius

Calculation factors

f_0	15,6	Calculation factor
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