

FAG

★ 6214-2Z

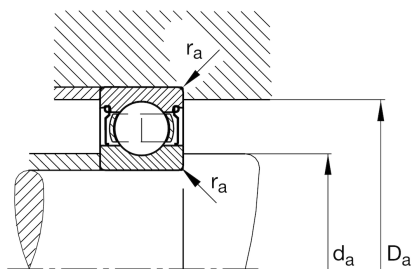
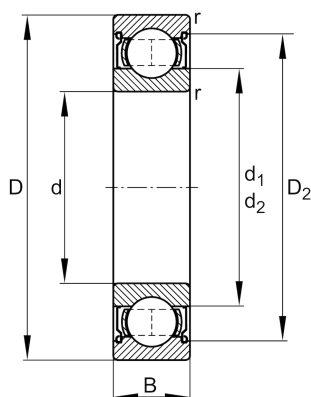
Deep groove ball bearing

Schaeffler ID:
0167211870000

Deep groove ball bearing 62...-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.
	1,09 kg	Weight

Main Dimensions & Performance Data

d	70 mm	Bore diameter
D	125 mm	Outside diameter
B	24 mm	Width
C_r	66.000 N	Basic dynamic load rating, radial
C_{0r}	44.000 N	Basic static load rating, radial
C_{ur}	3.000 N	Fatigue load limit, radial
n_G	7.000 1/min	Limiting speed
n_{gr}	6.100 1/min	Reference speed

Dimensions

r_{\min}	1,5 mm	Minimum chamfer dimension
D_2	110,7 mm	Caliber diameter outer ring
d_1	86,8 mm	Shoulder diameter inner ring

Mounting dimensions

$d_{a\min}$	79 mm	Minimum diameter shaft shoulder
$D_{a\max}$	116 mm	Maximum diameter of housing shoulder
$r_{a\max}$	1,5 mm	Maximum fillet radius

Calculation factors

f_0	14,4	Calculation factor
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