

FAG

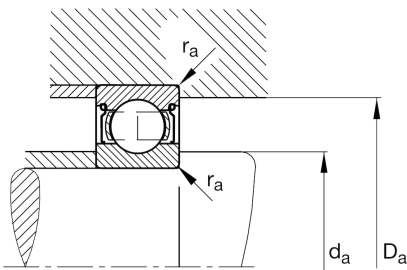
★ 6212-2Z

Deep groove ball bearing

Schaeffler ID:
0167209540000Deep groove ball bearing 62...-2Z, single
row, shields, steel sheet metal cage

★ Preferred product

Technical information



Main Dimensions & Performance Data

d	60 mm	Bore diameter
D	110 mm	Outside diameter
B	22 mm	Width
C_r	57.000 N	Basic dynamic load rating, radial
C_{0r}	36.500 N	Basic static load rating, radial
C_{ur}	2.550 N	Fatigue load limit, radial
n_G	7.900 1/min	Limiting speed
n_{gr}	6.800 1/min	Reference speed
	0,775 kg	Weight

Dimensions

r_{min}	1,5 mm	Minimum chamfer dimension
D_2	97,7 mm	Caliber diameter outer ring
d_1	75,8 mm	Shoulder diameter inner ring

Mounting dimensions

d_{amin}	69 mm	Minimum diameter shaft shoulder
D_{amax}	101 mm	Maximum diameter of housing shoulder
r_{amax}	1,5 mm	Maximum fillet radius

Calculation factors

f_0	14,5	Calculation factor
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Temperature range

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