

FAG

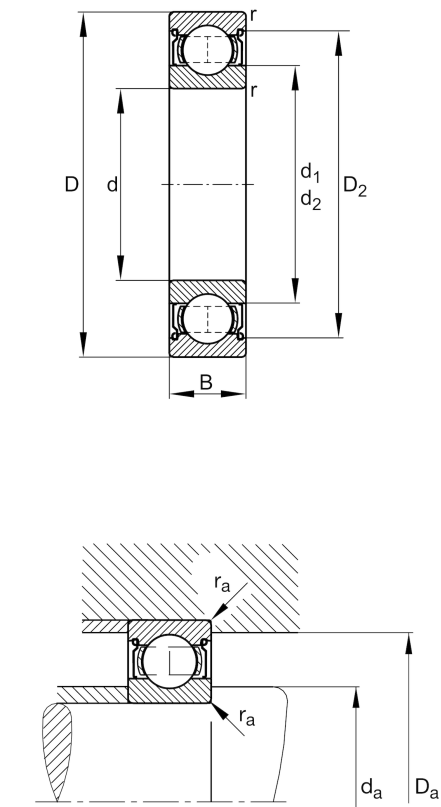
6214-2Z

Deep groove ball bearing

Schaeffler ID:
0167211870000

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

Technical information



Main Dimensions & Performance Data

d	70 mm	Bore diameter
D	125 mm	Outside diameter
B	24 mm	Width
r _{min}	1,5 mm	Minimum chamfer dimension
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
	1,09 kg	Weight

Dimensions

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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Temperature range

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