



FAG

6409-C-2Z

Deep groove ball bearing

Materiálové číslo Schaeffler:
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Deep groove ball bearing 64...-C-2Z, single row, Generation C, shields, steel sheet metal cage

Technické informace

Main Dimensions & Performance Data

d	45 mm	Bore diameter
D	120 mm	Outside diameter
B	29 mm	Width
C _r	83.000 N	Basic dynamic load rating, radial
C _{0r}	47.500 N	Basic static load rating, radial
C _{ur}	3.300 N	Fatigue load limit, radial
n _G	7.200 1/min	Limiting speed
n _{gr}	7.100 1/min	Reference speed
≈m	1,55 kg	Hmotnost

Mounting dimensions

d _{a min}	58 mm	Minimum diameter shaft shoulder
D _{a max}	107 mm	Maximum diameter of housing shoulder
r _{a max}	2 mm	Maximum fillet radius

Dimensions

r _{min}	2 mm	Minimum chamfer dimension
D ₁	102,15 mm	Shoulder diameter outer ring
D ₂	105,3 mm	Caliber diameter outer ring
d ₁	74,7 mm	Shoulder diameter inner ring
d ₂	72,54 mm	Caliber diameter inner ring

Temperature range

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

Calculation factors

f ₀	12,9	Calculation factor
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