

FAG

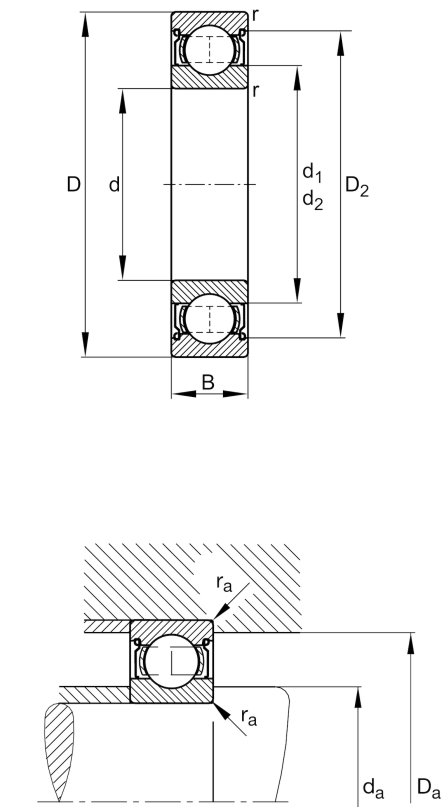
6024-2Z

Deep groove ball bearing

Schaeffler ID:
0167184960000

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

Technical information



Main Dimensions & Performance Data

d	120 mm	Bore diameter
D	180 mm	Outside diameter
B	28 mm	Width
C _r	88.000 N	Basic dynamic load rating, radial
C _{0r}	77.000 N	Basic static load rating, radial
C _{ur}	3.650 N	Fatigue load limit, radial
n _G	4.250 1/min	Limiting speed
n _{gr}	4.450 1/min	Reference speed
	2,16 kg	Weight

Dimensions

r _{min}	2 mm	Minimum chamfer dimension
D ₂	165,4 mm	Caliber diameter outer ring
d ₁	139,4 mm	Shoulder diameter inner ring

Mounting dimensions

d _{a min}	128,8 mm	Minimum diameter shaft shoulder
D _{a max}	171,2 mm	Maximum diameter of housing shoulder
r _{a max}	2 mm	Maximum fillet radius

Calculation factors

f ₀	15,8	Calculation factor
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Temperature range

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