

FAG

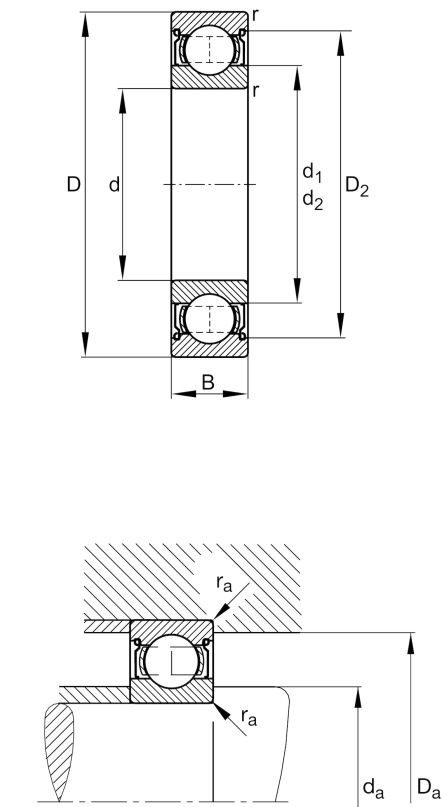
6008-2Z

Deep groove ball bearing

Schaeffler ID:
0167175460000

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

Technical information



Main Dimensions & Performance Data

d	40 mm	Bore diameter
D	68 mm	Outside diameter
B	15 mm	Width
r _{min}	1 mm	Minimum chamfer dimension
C _r	17 800 N	Basic dynamic load rating, radial
C _{0r}	11 500 N	Basic static load rating, radial
C _{ur}	600 N	Fatigue load limit, radial
n _G	12 400 1/min	Limiting speed
n _{gr}	10 600 1/min	Reference speed
	0,189 kg	Weight

Dimensions

D ₂	61,6 mm	Caliber diameter outer ring
d ₁	49,3 mm	Shoulder diameter inner ring

Mounting dimensions

d _{a min}	44,6 mm	Minimum diameter shaft shoulder
D _{a max}	63,4 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum fillet radius

Calculation factors

f ₀	15,2	Calculation factor
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Temperature range

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