

FAG

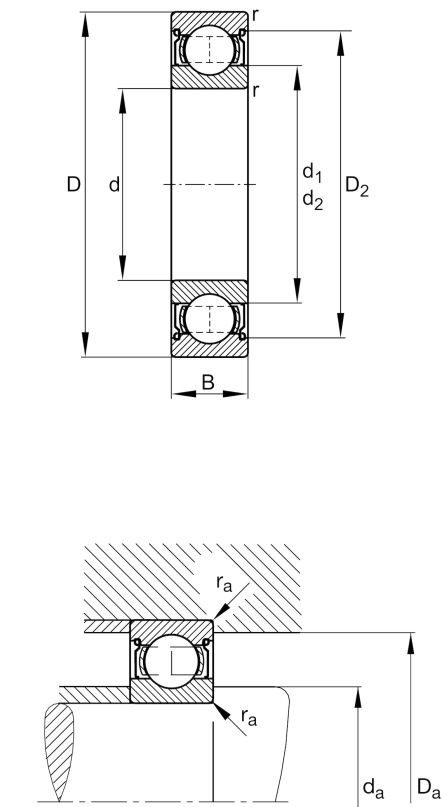
6200-2Z

Deep groove ball bearing

Schaeffler ID:
0167192710000

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

Technical information



Main Dimensions & Performance Data

d	10 mm	Bore diameter
D	30 mm	Outside diameter
B	9 mm	Width
C _r	6.300 N	Basic dynamic load rating, radial
C _{0r}	2.600 N	Basic static load rating, radial
C _{ur}	177 N	Fatigue load limit, radial
n _G	31.500 1/min	Limiting speed
n _{gr}	23.400 1/min	Reference speed
	32 g	Weight

Dimensions

r _{min}	0,6 mm	Minimum chamfer dimension
D ₂	25 mm	Caliber diameter outer ring
d ₁	16,7 mm	Shoulder diameter inner ring

Mounting dimensions

d _{a min}	14,2 mm	Minimum diameter shaft shoulder
D _{a max}	25,8 mm	Maximum diameter of housing shoulder
r _{a max}	0,6 mm	Maximum fillet radius

Calculation factors

f ₀	12	Calculation factor
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Temperature range

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