

FAG

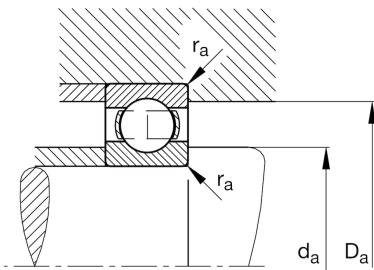
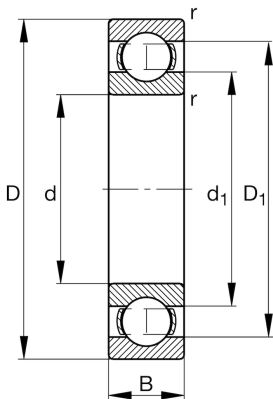
6200-H

Deep groove ball bearing

Schaeffler ID:
0937949590000

Deep groove ball bearing 62...-H, single row, H-Series, 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	5.400 N	Basic dynamic load rating, radial
C _{0r}	2.390 N	Basic static load rating, radial
C _{ur}	126 N	Fatigue load limit, radial
n _G	37.500 1/min	Limiting speed
n _{gr}	22.500 1/min	Reference speed
	0,031 kg	Weight

Dimensions

r _{min}	0,6 mm	Minimum chamfer dimension
D ₁	23,8 mm	Shoulder diameter outer ring
d ₂	17,4 mm	Caliber 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	13,2	Calculation factor
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Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	120 °C	Operating temperature max.