

FAG

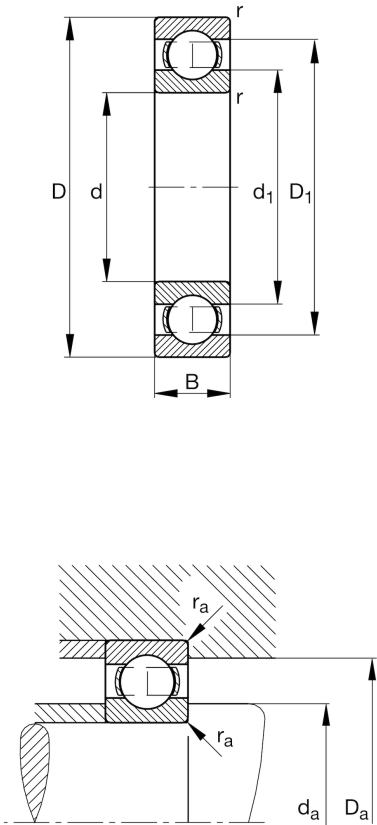
6318-M-J20AA-C3

Deep groove ball bearing

Schaeffler ID:
0390157420030

Deep groove ball bearing 63..-M-J20AA,
single row, solid brass cage, ceramic
coated

Technical information



Main Dimensions & Performance Data

d	90 mm	Bore diameter
D	190 mm	Outside diameter
B	43 mm	Width
C _r	142.000 N	Basic dynamic load rating, radial
C _{0r}	102.000 N	Basic static load rating, radial
C _{ur}	5.900 N	Fatigue load limit, radial
n _G	6.300 1/min	Limiting speed
n _{gr}	5.100 1/min	Reference speed
	6,143 kg	Weight

Dimensions

r _{min}	3 mm	Minimum chamfer dimension
D ₁	157,2 mm	Shoulder diameter outer ring
d ₁	123,7 mm	Shoulder diameter inner ring

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	150 °C	Operating temperature max.

Mounting dimensions

f ₀	13,9	Calculation factor
d _{a min}	104 mm	Minimum diameter shaft shoulder
D _{a max}	176 mm	Maximum diameter of housing shoulder
r _{a max}	2,5 mm	Maximum fillet radius