

FAG

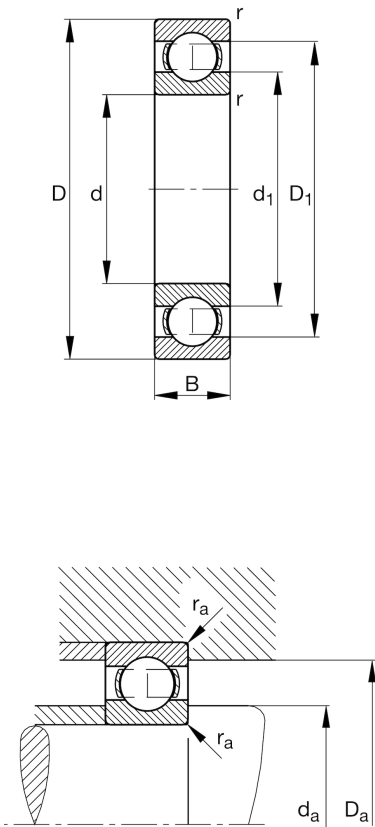
6218-M-J20AA-C3

Deep groove ball bearing

Schaeffler ID:
0390139600030

Deep groove ball bearing 62...-M-J20AA, single row, solid brass cage, ceramic coated

Technical information



Main Dimensions & Performance Data

d	90 mm	Bore diameter
D	160 mm	Outside diameter
B	30 mm	Width
C _r	102.000 N	Basic dynamic load rating, radial
C _{0r}	74.000 N	Basic static load rating, radial
C _{ur}	4.500 N	Fatigue load limit, radial
n _G	8.200 1/min	Limiting speed
n _{gr}	5.100 1/min	Reference speed
≈m	2,57 kg	Weight

Mounting dimensions

d _{a min}	101 mm	Minimum diameter shaft shoulder
D _{a max}	149 mm	Maximum diameter of housing shoulder
r _{a max}	2 mm	Maximum fillet radius

Dimensions

r _{min}	2 mm	Minimum chamfer dimension
D ₁	139,2 mm	Shoulder diameter outer ring
d ₁	112,6 mm	Shoulder diameter inner ring

Temperature range

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

Calculation factors

f ₀	14,6	Calculation factor
----------------	------	--------------------