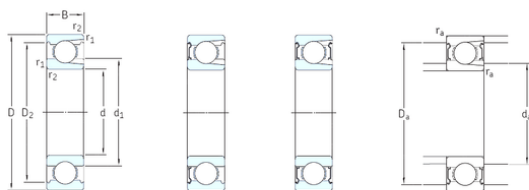




# BEARING CORP.OF AMERICA



## 90 mm x 160 mm x 30 mm skf 218 Deep groove ball bearings

Bearing No. 218

218 Bearing 2D drawings and 3D CAD models

Size	90x160x30 mm
Bore Diameter	90 mm
Outer Diameter	160 mm
Width	30 mm
d	90 mm
D	160 mm
B	30 mm
C	30 mm
d1	110 mm
r1 min.	2 mm
r2 min.	2 mm
D2	143 mm
da min.	100 mm
da max	110 mm
Da max.	150 mm
ra max.	2 mm
Weight	2,35 Kg
Basic dynamic load rating (C)	112 kN
Basic static load rating (C0)	114 kN
Fatigue load limit (Pu)	4,3
Reference speed	7000 r/min
Limiting speed	4300 r/min
d <sub>1</sub>	110.3 mm
D <sub>2</sub>	142.6 mm
r <sub>1,2</sub> min.	2 mm



## BEARING CORP.OF AMERICA

$d_a$ min.	100 mm
$D_a$ max.	150 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	112 kN
Basic static load rating $C_0$	114 kN
Fatigue load limit $P_u$	4.3 kN
Calculation factor $k_r$	0.04
Mass bearing	2.35 kg