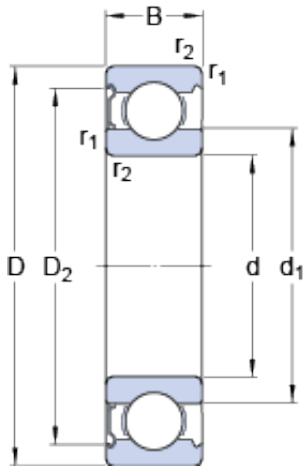




# BEARING CORP.OF AMERICA



120 mm x 215 mm x 40 mm SKF 6224-Z deep groove ball bearings

Bearing No. 6224-Z

6224-Z Bearing 2D drawings and 3D CAD models

Size	215x120x40 mm
Bore Diameter	120 mm
Outer Diameter	215 mm
Width	40 mm
d	120 mm
D	215 mm
B	40 mm
d <sub>1</sub>	150.6 mm
D <sub>2</sub>	189.2 mm
r <sub>1,2</sub> - min.	2.1 mm
d <sub>a</sub> - min.	132 mm
d <sub>a</sub> - max.	150.9 mm
D <sub>a</sub> - max.	203 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	146 kN
Basic static load rating - C <sub>0</sub>	118 kN
Fatigue load limit - P <sub>u</sub>	3.9 kN
Reference speed	6300 r/min
Limiting speed	4000 r/min
Calculation factor - k <sub>r</sub>	0.025
Calculation factor - f <sub>0</sub>	14
d <sub>1</sub>	150.6 mm
d <sub>2</sub>	118.1 mm
D <sub>2</sub>	189.2 mm



## BEARING CORP.OF AMERICA

$r_{1,2}$ min.	2.1 mm
$d_a$ min.	132 mm
$d_a$ max.	150.9 mm
$D_a$ max.	203 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	146 kN
Basic static load rating $C_0$	118 kN
Fatigue load limit $P_u$	3.9 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	14.4
Mass bearing	5.26 kg