



## BEARING FORGE OF AMERICA CORP.



90 mm x 160 mm x 30 mm skf 6218 bearing

Bearing No. 6218

6218 Bearing 2D drawings and 3D CAD models

Size	160x90x30 mm
Bore Diameter	160 mm
Outer Diameter	90 mm
Width	30 mm
d	90 mm
D	160 mm
B	30 mm
d <sub>1</sub>	112.5 mm
D <sub>2</sub>	142.6 mm
r <sub>1,2</sub> - min.	2 mm
d <sub>a</sub> - min.	101 mm
D <sub>a</sub> - max.	149 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	101 kN
Basic static load rating - C <sub>0</sub>	73.5 kN
Fatigue load limit - P <sub>u</sub>	2.8 kN
Reference speed	8500 r/min
Limiting speed	5300 r/min
Calculation factor - k <sub>r</sub>	0.025
Calculation factor - f <sub>0</sub>	14.7
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	2.217



## BEARING FORGE OF AMERICA CORP.

EAN	7316577066251
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	90MM Bore; 160MM Outside Diameter; 30MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	6218
Weight / LBS	4.883
Outside Diameter	6.299 Inch   160 Millimeter
Bore	3.543 Inch   90 Millimeter
Outer Race Width	1.181 Inch   30 Millimeter
bore diameter:	90 mm
static load capacity:	73.5 kN
outside diameter:	160 mm
precision rating:	Not Rated



## BEARING FORGE OF AMERICA CORP.

overall width:	30 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	30 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	2 mm
snap ring included:	Without Snap Ring
maximum rpm:	5300 RPM
internal clearance:	C0
series:	62
dynamic load capacity:	101 kN
$d_1$	112.5 mm
$D_2$	142.6 mm
$r_{1,2}$ min.	2 mm
$d_a$ min.	101 mm
$D_a$ max.	149 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	101 kN
Basic static load rating $C_0$	73.5 kN
Fatigue load limit $P_u$	2.8 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	14.7
Mass bearing	2.22 kg