



# BEARING CORP.OF AMERICA



710 mm x 870 mm x 74 mm skf 618/710 MA  
Deep groove ball bearings

Bearing No. 618/710 MA

618/710 MA Bearing 2D drawings and 3D CAD models

Size	870x710x74 mm
Bore Diameter	870 mm
Outer Diameter	710 mm
Width	74 mm
d	710 mm
D	870 mm
B	74 mm
d <sub>1</sub>	761.4 mm
D <sub>1</sub>	818 mm
r <sub>1,2</sub> - min.	4 mm
d <sub>a</sub> - min.	725 mm
D <sub>a</sub> - max.	855 mm
r <sub>a</sub> - max.	3 mm
Basic dynamic load rating - C	475 kN
Basic static load rating - C <sub>0</sub>	1100 kN
Fatigue load limit - P <sub>u</sub>	16.6 kN
Reference speed	1200 r/min
Limiting speed	1000 r/min
Calculation factor - k <sub>r</sub>	0.015
Calculation factor - f <sub>0</sub>	17
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



## BEARING CORP.OF AMERICA

Weight / Kilogram	122.97
EAN	7316577127020
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	Brass
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	710MM Bore; 870MM Outside Diameter; 74MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Brass Cage
Other Features	Deep Groove   Centered Outer Ring
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	618/710 MA
Weight / LBS	273.087
Outer Race Width	2.913 Inch   74 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Bore	27.953 Inch   710 Millimeter



## BEARING CORP.OF AMERICA

Outside Diameter	34.252 Inch   870 Millimeter
bore diameter:	710 mm
static load capacity:	1100 kN
outside diameter:	870 mm
precision rating:	Not Rated
overall width:	74 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Brass
closure type:	Open
outer ring width:	74 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	3 mm
snap ring included:	Without Snap Ring
maximum rpm:	1000 RPM
internal clearance:	C0
series:	61
dynamic load capacity:	475 kN
$d_1$	761.4 mm
$D_1$	818 mm
$r_{1,2}$ min.	4 mm
$d_a$ min.	725 mm
$D_a$ max.	855 mm
$r_a$ max.	3 mm
Basic dynamic load rating C	475 kN
Basic static load rating $C_0$	1100 kN
Fatigue load limit $P_u$	16.6 kN
Calculation factor $k_r$	0.015
Calculation factor $f_0$	17
Mass bearing	93.5 kg