



Bearing No. 618/1000 MA

D	1220 mm
d	1000 mm
B	100 mm
Bore	39.37 Inch 1,000 Millimeter
Noun	Bearing
UNSPSC	31171504
weight:	540 lbs
Category	Single Row Ball Bearing
Enclosure	Open
Inventory	0.0
Size (mm)	1220x1000x100
Snap Ring	No
Width (mm)	100
bore type:	Round
Weight / LBS	660
Mass bearing	245 kg
maximum rpm:	750 rpm
closure type:	Open
D ₁	1144.3 mm
d ₁	1076.2 mm
Inch - Metric	Metric
Cage Material	Brass
Product Group	B00308
bore diameter:	1000 mm
cage material:	Brass
Keyword String	Ball
fillet radius:	6 mm
overall width:	100 mm
Bearing number	618/1000 MA

Limiting speed	600 r/min
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Reference speed	750 r/min
Rolling Element	Ball Bearing
Outside Diameter	48.031 Inch 1,220 Millimeter
Manufacturer URL	http://www.skf.com
Outer Race Width	3.937 Inch 100 Millimeter
Long Description	1000MM Bore; 1220MM Outside Diameter; 100MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Manufacturer Name	SKF
outside diameter:	1220 mm
Weight / Kilogram	299.64
bearing material:	Steel
d _a min.	1023 mm
Bore Diameter (mm)	1220
Internal Clearance	C0-Medium
r _a max.	5 mm
D _a max.	1197 mm
Outer Diameter (mm)	1000
snap ring included:	Without Snap Ring
r _{1,2} min.	6 mm
D _a - max.	1197 mm
d _a - min.	1023 mm
Minimum Buy Quantity	N/A
r _a - max.	5 mm
static load capacity:	1800 kN

d ₁ ?	1076.2 mm
D ₁ ?	1144.3 mm
row type & fill slot:	Single Row Non-Fill Slot
dynamic load capacity:	637 kN
Harmonized Tariff Code	8482.10.50.68
r _{1,2} - min.	6 mm
manufacturer upc number:	7316570693096
Manufacturer Item Number	618/1000 MA
Internal Special Features	No
manufacturer product page:	Click here
Basic dynamic load rating C	637 kN
operating temperature range:	-40 to 212 °F °F
Basic dynamic load rating - C	637 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P _u	22.8 kN
Calculation factor k _r	0.015
Calculation factor f ₀	17
Calculation factor - f ₀	17
Fatigue load limit - P _u	22.8 kN
Calculation factor - k _r	0.015
Basic static load rating C ₀	1800 kN
Basic static load rating - C ₀	1800 kN