



**Bearing No. 618/750 MA**

D	920 mm
d	750 mm
B	78 mm
Noun	Bearing
Bore	29.528 Inch   750 Millimeter
UNSPSC	31171504
series:	61
Category	Single Row Ball Bearing
Size (mm)	920x750x78
Enclosure	Open
Inventory	0.0
Snap Ring	No
Width (mm)	78
bore type:	Round
Weight / LBS	320.157
Mass bearing	110 kg
maximum rpm:	900 RPM
Inch - Metric	Metric
Product Group	B00308
Cage Material	Brass
D <sub>1</sub>	865.02 mm
closure type:	Open
d <sub>1</sub>	804.5 mm
Keyword String	Ball
bore diameter:	750 mm
cage material:	Brass
Other Features	Deep Groove   Centered Outer Ring
fillet radius:	4 mm

overall width:	78 mm
Bearing number	618/750 MA
Limiting speed	900 r/min
Rolling Element	Ball Bearing
Reference speed	1100 r/min
finish/coating:	Uncoated
Precision Class	ABEC 1   ISO P0
Inner Race Width	0 Inch   0 Millimeter
Long Description	750MM Bore; 920MM Outside Diameter; 78MM 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
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Outer Race Width	3.071 Inch   78 Millimeter
Outside Diameter	36.22 Inch   920 Millimeter
outer ring width:	78 mm
Manufacturer Name	SKF
precision rating:	Not Rated
outside diameter:	920 mm
Weight / Kilogram	147.14
Internal Clearance	C0-Medium
Bore Diameter (mm)	920
d <sub>a</sub> min.	768 mm
D <sub>a</sub> max.	902 mm
r <sub>a</sub> max.	4 mm
internal clearance:	C0
Outer Diameter (mm)	750
snap ring included:	Without Snap Ring

$r_{1,2}$ min.	5 mm
$d_a$ - min.	768 mm
$D_a$ - max.	902 mm
$r_a$ - max.	4 mm
Minimum Buy Quantity	N/A
static load capacity:	1250 kN
$d_1$ ?	804.5 mm
$D_1$ ?	865.02 mm
row type & fill slot:	Single Row Non-Fill Slot
$r_{1,2}$ - min.	5 mm
dynamic load capacity:	527 kN
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	618/750 MA
Internal Special Features	No
Basic dynamic load rating C	527 kN
Basic dynamic load rating - C	527 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit $P_u$	18.3 kN
Calculation factor $k_r$	0.015
Calculation factor $f_0$	17
Fatigue load limit - $P_u$	18.3 kN
Calculation factor - $f_0$	17
Calculation factor - $k_r$	0.015
Basic static load rating $C_0$	1250 kN
Basic static load rating - $C_0$	1250 kN