



**Bearing No. 618/670 MA**

D	820 mm
d	670 mm
B	69 mm
Noun	Bearing
Bore	26.378 Inch   670 Millimeter
UNSPSC	31171504
series:	61
Category	Single Row Ball Bearing
Size (mm)	820x670x69
Enclosure	Open
Inventory	0.0
Snap Ring	No
Width (mm)	69
bore type:	Round
Weight / LBS	228.654
Mass bearing	83.5 kg
maximum rpm:	1100 RPM
Inch - Metric	Metric
Product Group	B00308
Cage Material	Brass
D <sub>1</sub>	771.25 mm
closure type:	Open
d <sub>1</sub>	718.3 mm
Keyword String	Ball
bore diameter:	670 mm
cage material:	Brass
Other Features	Deep Groove   Centered Outer Ring
fillet radius:	3 mm

overall width:	69 mm
Bearing number	618/670 MA
Limiting speed	1100 r/min
Rolling Element	Ball Bearing
Reference speed	1300 r/min
finish/coating:	Uncoated
Precision Class	ABEC 1   ISO P0
Inner Race Width	0 Inch   0 Millimeter
Long Description	670MM Bore; 820MM Outside Diameter; 69MM 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>
Outside Diameter	32.283 Inch   820 Millimeter
Outer Race Width	2.717 Inch   69 Millimeter
outer ring width:	69 mm
Manufacturer Name	SKF
precision rating:	Not Rated
outside diameter:	820 mm
Weight / Kilogram	104.72
Internal Clearance	C0-Medium
Bore Diameter (mm)	820
d <sub>a</sub> min.	685 mm
D <sub>a</sub> max.	805 mm
r <sub>a</sub> max.	3 mm
internal clearance:	C0
Outer Diameter (mm)	670
snap ring included:	Without Snap Ring

$r_{1,2}$ min.	4 mm
$d_a$ - min.	685 mm
$D_a$ - max.	805 mm
$r_a$ - max.	3 mm
Minimum Buy Quantity	N/A
static load capacity:	1000 kN
$d_1$ ?	718.3 mm
$D_1$ ?	771.25 mm
row type & fill slot:	Single Row Non-Fill Slot
$r_{1,2}$ - min.	4 mm
dynamic load capacity:	442 kN
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	618/670 MA
Internal Special Features	No
Basic dynamic load rating C	442 kN
Basic dynamic load rating - C	442 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit $P_u$	15.6 kN
Calculation factor $k_r$	0.015
Calculation factor $f_0$	17
Fatigue load limit - $P_u$	15.6 kN
Calculation factor - $f_0$	17
Calculation factor - $k_r$	0.015
Basic static load rating $C_0$	1000 kN
Basic static load rating - $C_0$	1000 kN