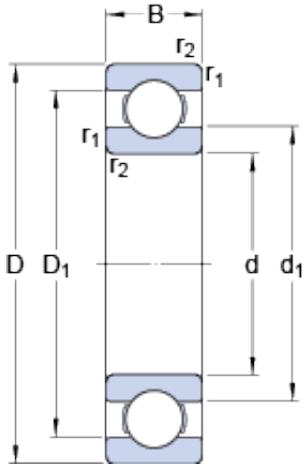
Loyal | 618/850 MA



Bearing No. 618/850 MA

D	1030 mm
d	850 mm
B	82 mm
Noun	Bearing
Bore	33.465 Inch | 850 Millimeter
UNSPSC	31171504
weight:	309 lbs
series:	61
Category	Single Row Ball Bearing
Enclosure	Open
Snap Ring	No
Inventory	0.0
Size (mm)	1030x850x82
bore type:	Round
Width (mm)	82
Weight / LBS	362.76
maximum rpm:	950 rpm
Mass bearing	140 kg
Cage Material	Brass
d_1	907.6 mm
closure type:	Open
D_1	971.78 mm
Product Group	B00308
Inch - Metric	Metric
Limiting speed	750 r/min
fillet radius:	5 mm
cage material:	Steel
overall width:	82 mm
bore diameter:	850 mm

Keyword String	Ball
Bearing number	618/850 MA
finish/coating:	Uncoated
Precision Class	ABEC 1 | ISO P0
Reference speed	950 r/min
Rolling Element	Ball Bearing
Outer Race Width	3.228 Inch | 82 Millimeter
Outside Diameter	40.551 Inch | 1,030 Millimeter
Long Description	850MM Bore; 1030MM Outside Diameter; 82MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 | ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Manufacturer URL	http://www.skf.com
Manufacturer Name	SKF
bearing material:	Steel
Weight / Kilogram	180.09
outside diameter:	1030 mm
D_a max.	1012 mm
r_a max.	4 mm
Internal Clearance	C0-Medium
Bore Diameter (mm)	1030
d_a min.	868 mm
internal clearance:	C0
snap ring included:	Without Snap Ring
Outer Diameter (mm)	850
d_a - min.	868 mm
$r_{1,2}$ min.	5 mm
D_a - max.	1012 mm
Minimum Buy Quantity	N/A

r_a - max.	4 mm
d_1 ?	907.6 mm
static load capacity:	1430 kN
D_1 ?	971.78 mm
row type & fill slot:	Single Row Non-Fill Slot
$r_{1,2}$ - min.	5 mm
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	559 kN
Manufacturer Item Number	618/850 MA
manufacturer upc number:	7316570154184
Internal Special Features	No
manufacturer product page:	Click here
Basic dynamic load rating C	559 kN
operating temperature range:	Max 250 °F
Basic dynamic load rating - C	559 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	19.6 kN
Calculation factor k_r	0.015
Calculation factor f_0	17
Calculation factor - f_0	17
Calculation factor - k_r	0.015
Fatigue load limit - P_u	19.6 kN
Basic static load rating C_0	1430 kN
Basic static load rating - C_0	1430 kN