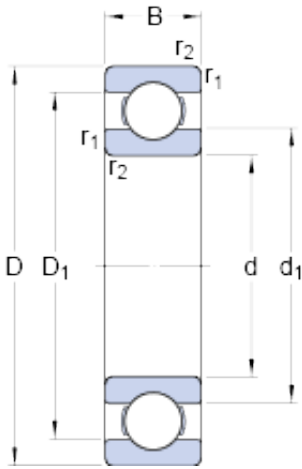




Timken BEARING CORP.of CANADA LTD.



850 mm x 1030 mm x 82 mm SKF 618/850 MA deep groove ball bearings

Bearing No. 618/850 MA

618/850 MA Bearing 2D drawings and 3D CAD models

Size	1030x850x82 mm
Bore Diameter	1030 mm
Outer Diameter	850 mm
Width	82 mm
d	850 mm
D	1030 mm
B	82 mm
d ₁	907.6 mm
D ₁	971.78 mm
r _{1,2} - min.	5 mm
d _a - min.	868 mm
D _a - max.	1012 mm
r _a - max.	4 mm
Basic dynamic load rating - C	559 kN
Basic static load rating - C ₀	1430 kN
Fatigue load limit - P _u	19.6 kN
Reference speed	950 r/min
Limiting speed	750 r/min
Calculation factor - k _r	0.015
Calculation factor - f ₀	17
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



Timken BEARING CORP.of CANADA LTD.

Weight / Kilogram	180.09
EAN	7316570154184
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	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
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	618/850 MA
Weight / LBS	362.76
Outer Race Width	3.228 Inch 82 Millimeter
Bore	33.465 Inch 850 Millimeter
Outside Diameter	40.551 Inch 1,030 Millimeter
bore diameter:	850 mm
static load capacity:	1430 kN
outside diameter:	1030 mm



Timken BEARING CORP.of CANADA LTD.

finish/coating:	Uncoated
overall width:	82 mm
bearing material:	Steel
bore type:	Round
cage material:	Steel
closure type:	Open
fillet radius:	5 mm
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm:	950 rpm
snap ring included:	Without Snap Ring
series:	61
internal clearance:	C0
weight:	309 lbs
operating temperature range:	Max 250 ° F
manufacturer product page:	Click here
dynamic load capacity:	559 kN
manufacturer upc number:	7316570154184
d_1	907.6 mm
D_1	971.78 mm
$r_{1,2}$ min.	5 mm
d_a min.	868 mm
D_a max.	1012 mm
r_a max.	4 mm
Basic dynamic load rating C	559 kN
Basic static load rating C_0	1430 kN
Fatigue load limit P_u	19.6 kN
Calculation factor k_r	0.015
Calculation factor f_0	17
Mass bearing	140 kg