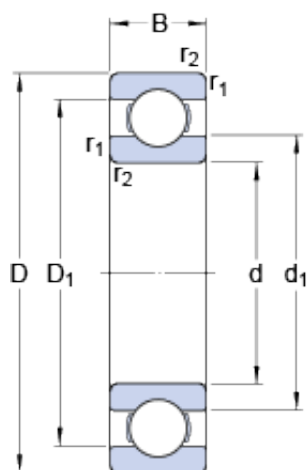




Bearing No. 618/900 MA

D	1090 mm
d	900 mm
B	85 mm
Noun	Bearing
Bore	35.433 Inch 900 Millimeter
UNSPSC	31171504
weight:	368 lbs
series:	61
Category	Single Row Ball Bearing
Enclosure	Open
Snap Ring	No
Inventory	0.0
Size (mm)	1090x900x85
bore type:	Round
Width (mm)	85
Weight / LBS	429
maximum rpm:	850 rpm
Mass bearing	167 kg
Cage Material	Brass
d ₁	960.7 mm
closure type:	Open
D ₁	1028.6 mm
Product Group	B00308
Inch - Metric	Metric
Limiting speed	700 r/min
fillet radius:	5 mm
cage material:	Steel
overall width:	85 mm
bore diameter:	900 mm

Keyword String	Ball
Bearing number	618/900 MA
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Reference speed	850 r/min
Rolling Element	Ball Bearing
Outer Race Width	3.346 Inch 85 Millimeter
Outside Diameter	42.913 Inch 1,090 Millimeter
Long Description	900MM Bore; 1090MM Outside Diameter; 85MM 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	210.649
outside diameter:	1090 mm
D _a max.	1072 mm
r _a max.	4 mm
Internal Clearance	C0-Medium
Bore Diameter (mm)	1090
d _a min.	918 mm
internal clearance:	C0
snap ring included:	Without Snap Ring
Outer Diameter (mm)	900
d _a - min.	918 mm
r _{1,2} min.	5 mm
D _a - max.	1072 mm
Minimum Buy Quantity	N/A

r_a - max.	4 mm
d_1 ?	960.7 mm
static load capacity:	1600 kN
D_1 ?	1028.6 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:	618 kN
Manufacturer Item Number	618/900 MA
manufacturer upc number:	7316577100597
Internal Special Features	No
manufacturer product page:	Click here
Basic dynamic load rating C	618 kN
operating temperature range:	Max 250 °F
Basic dynamic load rating - C	618 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	21.6 kN
Calculation factor k_r	0.015
Calculation factor f_0	18
Calculation factor - f_0	18
Calculation factor - k_r	0.015
Fatigue load limit - P_u	21.6 kN
Basic static load rating C_0	1600 kN
Basic static load rating - C_0	1600 kN