



USK BEARING COMPANY



900 mm x 1090 mm x 85 mm skf 618/900 MA
Deep groove ball bearings

Bearing No. 618/900 MA

618/900 MA Bearing 2D drawings and 3D CAD models

Size	1090x900x85 mm
Bore Diameter	1090 mm
Outer Diameter	900 mm
Width	85 mm
d	900 mm
D	1090 mm
B	85 mm
d ₁	960.7 mm
D ₁	1028.6 mm
r _{1,2} - min.	5 mm
d _a - min.	918 mm
D _a - max.	1072 mm
r _a - max.	4 mm
Basic dynamic load rating - C	618 kN
Basic static load rating - C ₀	1600 kN
Fatigue load limit - P _u	21.6 kN
Reference speed	850 r/min
Limiting speed	700 r/min
Calculation factor - k _r	0.015
Calculation factor - f ₀	18
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



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Weight / Kilogram	210.649
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	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
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	618/900 MA
Weight / LBS	429
Bore	35.433 Inch 900 Millimeter
Outer Race Width	3.346 Inch 85 Millimeter
Outside Diameter	42.913 Inch 1,090 Millimeter
bore diameter:	900 mm
static load capacity:	1600 kN
outside diameter:	1090 mm
finish/coating:	Uncoated



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overall width:	85 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:	850 rpm
snap ring included:	Without Snap Ring
series:	61
internal clearance:	C0
weight:	368 lbs
operating temperature range:	Max 250 ° F
manufacturer product page:	Click here
dynamic load capacity:	618 kN
manufacturer upc number:	7316577100597
d_1	960.7 mm
D_1	1028.6 mm
$r_{1,2}$ min.	5 mm
d_a min.	918 mm
D_a max.	1072 mm
r_a max.	4 mm
Basic dynamic load rating C	618 kN
Basic static load rating C_0	1600 kN
Fatigue load limit P_u	21.6 kN
Calculation factor k_r	0.015
Calculation factor f_0	18
Mass bearing	167 kg