



NTN bearing de Mexico, S.A.



500 mm x 620 mm x 56 mm skf 618/500 MA
Deep groove ball bearings

Bearing No. 618/500 MA

618/500 MA Bearing 2D drawings and 3D CAD models

Size	620x500x56 mm
Bore Diameter	620 mm
Outer Diameter	500 mm
Width	56 mm
d	500 mm
D	620 mm
B	56 mm
d ₁	538.1 mm
D ₁	581.49 mm
r _{1,2} - min.	3 mm
d _a - min.	513 mm
D _a - max.	607 mm
r _a - max.	2.5 mm
Basic dynamic load rating - C	332 kN
Basic static load rating - C ₀	620 kN
Fatigue load limit - P _u	11.2 kN
Reference speed	1800 r/min
Limiting speed	1500 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



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Weight / Kilogram	55.289
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	C3-Loose
Inch - Metric	Metric
Long Description	500MM Bore; 620MM Outside Diameter; 56MM 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	618/500 MA
Weight / LBS	110
Outside Diameter	24.409 Inch 620 Millimeter
Outer Race Width	2.205 Inch 56 Millimeter
Bore	19.685 Inch 500 Millimeter
bore diameter:	500 mm
static load capacity:	620 kN
outside diameter:	620 mm
precision rating:	Not Rated



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overall width:	56 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Brass
closure type:	Open
outer ring width:	56 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	2.5 mm
snap ring included:	Without Snap Ring
maximum rpm:	1500 RPM
internal clearance:	C0
series:	61
dynamic load capacity:	332 kN
d_1	538.1 mm
D_1	581.49 mm
$r_{1,2}$ min.	3 mm
d_a min.	513 mm
D_a max.	607 mm
r_a max.	2.5 mm
Basic dynamic load rating C	332 kN
Basic static load rating C_0	620 kN
Fatigue load limit P_u	11.2 kN
Calculation factor k_r	0.015
Calculation factor f_0	17
Mass bearing	40.5 kg