



BEARING CORP.OF AMERICA



170 mm x 310 mm x 52 mm skf 6234 M Deep groove ball bearings

Bearing No. 6234 M

6234 M Bearing 2D drawings and 3D CAD models

Size	310x170x52 mm
Bore Diameter	310 mm
Outer Diameter	170 mm
Width	52 mm
d	170 mm
D	310 mm
B	52 mm
d ₁	218.65 mm
D ₁	259 mm
r _{1,2} - min.	4 mm
d _a - min.	187 mm
D _a - max.	293 mm
r _a - max.	3 mm
Basic dynamic load rating - C	212 kN
Basic static load rating - C ₀	224 kN
Fatigue load limit - P _u	6.1 kN
Reference speed	4300 r/min
Limiting speed	3800 r/min
Calculation factor - k _r	0.025
Calculation factor - f ₀	15.3
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



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Weight / Kilogram	17.712
EAN	7316576618864
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	170MM Bore; 310MM Outside Diameter; 52MM 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	6234 M
Weight / LBS	39
Bore	6.693 Inch 170 Millimeter
Outside Diameter	12.205 Inch 310 Millimeter
Outer Race Width	2.047 Inch 52 Millimeter
bore diameter:	170 mm
static load capacity:	224 kN
outside diameter:	310 mm



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precision rating:	ABEC 1 (ISO Class Normal)
overall width:	52 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Brass
closure type:	Open
outer ring width:	52 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	3 mm
snap ring included:	Without Snap Ring
maximum rpm:	3800 RPM
internal clearance:	C0
series:	62
dynamic load capacity:	212 kN
d_1	218.65 mm
D_1	259 mm
$r_{1,2}$ min.	4 mm
d_a min.	187 mm
D_a max.	293 mm
r_a max.	3 mm
Basic dynamic load rating C	212 kN
Basic static load rating C_0	224 kN
Fatigue load limit P_u	6.1 kN
Calculation factor k_r	0.025
Calculation factor f_0	15.3
Mass bearing	17.5 kg