



Bearing No. 6234 M

D	310 mm
d	170 mm
B	52 mm
Bore	6.693 Inch 170 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	62
Category	Single Row Ball Bearing
Enclosure	Open
Inventory	0.0
Size (mm)	310x170x52
Snap Ring	No
Width (mm)	52
bore type:	Round
Weight / LBS	39
Mass bearing	17.5 kg
maximum rpm:	3800 RPM
closure type:	Open
D ₁	259 mm
d ₁	218.65 mm
Inch - Metric	Metric
Cage Material	Brass
Product Group	B00308
bore diameter:	170 mm
cage material:	Brass
Keyword String	Ball
fillet radius:	3 mm
overall width:	52 mm
Bearing number	6234 M

Limiting speed	3800 r/min
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	4300 r/min
Outer Race Width	2.047 Inch 52 Millimeter
Manufacturer URL	http://www.skf.com
Outside Diameter	12.205 Inch 310 Millimeter
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
Manufacturer Name	SKF
Weight / Kilogram	17.712
outer ring width:	52 mm
precision rating:	ABEC 1 (ISO Class Normal)
outside diameter:	310 mm
Internal Clearance	C0-Medium
D _a max.	293 mm
Bore Diameter (mm)	310
d _a min.	187 mm
r _a max.	3 mm
internal clearance:	C0
snap ring included:	Without Snap Ring
Outer Diameter (mm)	170
Minimum Buy Quantity	N/A
r _a - max.	3 mm
D _a - max.	293 mm

d_a - min.	187 mm
$r_{1,2}$ min.	4 mm
static load capacity:	224 kN
d_1 ?	218.65 mm
D_1 ?	259 mm
row type & fill slot:	Single Row Non-Fill Slot
dynamic load capacity:	212 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	4 mm
Manufacturer Item Number	6234 M
Internal Special Features	No
Basic dynamic load rating C	212 kN
Basic dynamic load rating - C	212 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	6.1 kN
Calculation factor k_r	0.025
Calculation factor f_0	15.3
Fatigue load limit - P_u	6.1 kN
Calculation factor - k_r	0.025
Calculation factor - f_0	15.3
Basic static load rating C_0	224 kN
Basic static load rating - C_0	224 kN