



**Bearing No. 6234**

D	310 mm
d	170 mm
B	52 mm
Bore	6.693 Inch   170 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	Open
Size (mm)	310x170x52
Snap Ring	No
Width (mm)	52
Mass bearing	16 kg
Weight / LBS	16
Inch - Metric	Metric
Cage Material	Steel
D <sub>1</sub>	259 mm
d <sub>1</sub>	218.65 mm
Product Group	B00308
Other Features	Deep Groove
Keyword String	Ball
Bearing number	6234
Limiting speed	2800 r/min
Rolling Element	Ball Bearing
Reference speed	4300 r/min
Precision Class	ABEC 1   ISO P0
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Inner Race Width	0 Inch   0 Millimeter
Long Description	170MM Bore; 310MM

	Outside Diameter; 52MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage
Outer Race Width	2.047 Inch   52 Millimeter
Outside Diameter	12.205 Inch   310 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	0
$d_a$ min.	187 mm
$D_a$ max.	293 mm
$r_a$ max.	3 mm
Bore Diameter (mm)	310
Internal Clearance	C0-Medium
Outer Diameter (mm)	170
$r_{1,2}$ min.	4 mm
$r_a$ - max.	3 mm
$D_a$ - max.	293 mm
$d_a$ - min.	187 mm
Minimum Buy Quantity	N/A
$D_1$ ?	259 mm
$d_1$ ?	218.65 mm
$r_{1,2}$ - min.	4 mm
Harmonized Tariff Code	8482.10.50.68
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