



**Bearing No. 6040 M**

D	310 mm
d	200 mm
B	51 mm
Noun	Bearing
Bore	7.874 Inch   200 Millimeter
UNSPSC	31171504
series:	60
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	Open
Size (mm)	310x200x51
Snap Ring	No
Width (mm)	51
bore type:	Round
Weight / LBS	31.95
Mass bearing	14 kg
maximum rpm:	3600 RPM
Inch - Metric	Metric
Product Group	B00308
Cage Material	Brass
closure type:	Open
D <sub>1</sub>	274.95 mm
d <sub>1</sub>	235.1 mm
Keyword String	Ball
bore diameter:	200 mm
cage material:	Brass
fillet radius:	2 mm
overall width:	51 mm
Bearing number	6040 M

Limiting speed	3600 r/min
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Precision Class	ABEC 1   ISO P0
Reference speed	4300 r/min
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Outside Diameter	12.205 Inch   310 Millimeter
Outer Race Width	2.008 Inch   51 Millimeter
Long Description	200MM Bore; 310MM Outside Diameter; 51MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Manufacturer Name	SKF
outer ring width:	51 mm
outside diameter:	310 mm
Weight / Kilogram	14.507
precision rating:	ABEC 1 (ISO Class Normal)
D <sub>a</sub> max.	300 mm
Bore Diameter (mm)	310
d <sub>a</sub> min.	210 mm
r <sub>a</sub> max.	2 mm
Internal Clearance	C0-Medium
internal clearance:	C0
Outer Diameter (mm)	200
snap ring included:	Without Snap Ring
D <sub>a</sub> - max.	300 mm
d <sub>a</sub> - min.	210 mm
r <sub>1,2</sub> min.	2.1 mm

$r_a$ - max.	2 mm
Minimum Buy Quantity	N/A
$d_1$ ?	235.1 mm
row type & fill slot:	Single Row Non-Fill Slot
static load capacity:	245 kN
$D_1$ ?	274.95 mm
dynamic load capacity:	216 kN
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6040 M
Internal Special Features	No
Basic dynamic load rating C	216 kN
Basic dynamic load rating - C	216 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit $P_u$	6.4 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	15.6
Fatigue load limit - $P_u$	6.4 kN
Calculation factor - $k_r$	0.025
Calculation factor - $f_0$	15.6
Basic static load rating $C_0$	245 kN
Basic static load rating - $C_0$	245 kN