



**Bearing No. 6324 M**

D	260 mm
d	120 mm
B	55 mm
Bore	4.724 Inch   120 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	63
Category	Single Row Ball Bearing
Enclosure	Open
Inventory	0.0
Size (mm)	260x120x55
Snap Ring	No
Width (mm)	55
bore type:	Round
Weight / LBS	32.92
Mass bearing	14.2 kg
maximum rpm:	3400 RPM
closure type:	Open
D <sub>1</sub>	214.7 mm
d <sub>1</sub>	164.6 mm
Inch - Metric	Metric
Cage Material	Brass
Product Group	B00308
bore diameter:	120 mm
cage material:	Brass
Keyword String	Ball
fillet radius:	2.5 mm
overall width:	55 mm
Bearing number	6324 M

Limiting speed	5000 r/min
finish/coating:	Uncoated
Precision Class	ABEC 1   ISO P0
Rolling Element	Ball Bearing
Reference speed	5600 r/min
Outer Race Width	2.165 Inch   55 Millimeter
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Outside Diameter	10.236 Inch   260 Millimeter
Long Description	120MM Bore; 260MM Outside Diameter; 55MM 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	14.95
outer ring width:	55 mm
precision rating:	ABEC 1 (ISO Class Normal)
outside diameter:	260 mm
Internal Clearance	C0-Medium
D <sub>a</sub> max.	246 mm
Bore Diameter (mm)	260
d <sub>a</sub> min.	134 mm
r <sub>a</sub> max.	2.5 mm
internal clearance:	C0
snap ring included:	Without Snap Ring
Outer Diameter (mm)	120
Minimum Buy Quantity	N/A
r <sub>a</sub> - max.	2.5 mm
D <sub>a</sub> - max.	246 mm

$d_a$ - min.	134 mm
$r_{1,2}$ min.	3 mm
static load capacity:	186 kN
$d_1$ ?	164.6 mm
$D_1$ ?	214.7 mm
row type & fill slot:	Single Row Non-Fill Slot
dynamic load capacity:	208 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	3 mm
Manufacturer Item Number	6324 M
Internal Special Features	No
Basic dynamic load rating C	208 kN
Basic dynamic load rating - C	208 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit $P_u$	5.7 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	13.5
Fatigue load limit - $P_u$	5.7 kN
Calculation factor - $k_r$	0.03
Calculation factor - $f_0$	13.5
Basic static load rating $C_0$	186 kN
Basic static load rating - $C_0$	186 kN