



**Bearing No. 6232 M**

D	290 mm
d	160 mm
B	48 mm
Bore	6.299 Inch   160 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	62
Category	Single Row Ball Bearing
Enclosure	Open
Inventory	0.0
Size (mm)	290x160x48
Snap Ring	No
Width (mm)	48
bore type:	Round
Weight / LBS	31.88
Mass bearing	14.1 kg
maximum rpm:	3000 RPM
closure type:	Open
D <sub>1</sub>	242.35 mm
d <sub>1</sub>	205.65 mm
Inch - Metric	Metric
Cage Material	Brass
Product Group	B00308
bore diameter:	160 mm
cage material:	Brass
Keyword String	Ball
fillet radius:	2.5 mm
overall width:	48 mm
Bearing number	6232 M

Limiting speed	4300 r/min
finish/coating:	Uncoated
Precision Class	ABEC 1   ISO P0
Rolling Element	Ball Bearing
Reference speed	4500 r/min
Outside Diameter	11.417 Inch   290 Millimeter
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Outer Race Width	1.89 Inch   48 Millimeter
Long Description	160MM Bore; 290MM Outside Diameter; 48MM 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	14.47
outer ring width:	48 mm
precision rating:	ABEC 1 (ISO Class Normal)
outside diameter:	290 mm
Internal Clearance	C0-Medium
D <sub>a</sub> max.	276 mm
Bore Diameter (mm)	290
d <sub>a</sub> min.	174 mm
r <sub>a</sub> max.	2.5 mm
internal clearance:	C0
snap ring included:	Without Snap Ring
Outer Diameter (mm)	160
Minimum Buy Quantity	N/A
r <sub>1,2</sub> min.	3 mm
r <sub>a</sub> - max.	2.5 mm
D <sub>a</sub> - max.	276 mm

$d_a$ - min.	174 mm
static load capacity:	186 kN
$d_1$ ?	205.65 mm
$D_1$ ?	242.35 mm
row type & fill slot:	Single Row Non-Fill Slot
dynamic load capacity:	186 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	3 mm
Manufacturer Item Number	6232 M
Internal Special Features	No
Basic dynamic load rating C	186 kN
Basic dynamic load rating - C	186 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit $P_u$	5.3 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	15
Fatigue load limit - $P_u$	5.3 kN
Calculation factor - $k_r$	0.025
Calculation factor - $f_0$	15
Basic static load rating $C_0$	186 kN
Basic static load rating - $C_0$	186 kN