



Bearing No. 6238 M

D	340 mm
d	190 mm
B	55 mm
Bore	7.48 Inch 190 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	62
Category	Single Row Ball Bearing
Enclosure	Open
Inventory	0.0
Size (mm)	340x190x55
Snap Ring	No
Width (mm)	55
bore type:	Round
Weight / LBS	48.64
Mass bearing	21.7 kg
maximum rpm:	3400 RPM
closure type:	Open
D ₁	289.75 mm
d ₁	239.5 mm
Inch - Metric	Metric
Cage Material	Brass
Product Group	B00308
bore diameter:	190 mm
cage material:	Brass
Keyword String	Ball
fillet radius:	3 mm
overall width:	55 mm
Bearing number	6238 M

Limiting speed	3400 r/min
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	3800 r/min
Outer Race Width	2.165 Inch 55 Millimeter
Manufacturer URL	http://www.skf.com
Outside Diameter	13.386 Inch 340 Millimeter
Long Description	190MM Bore; 340MM 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	21.839
outer ring width:	55 mm
precision rating:	ABEC 1 (ISO Class Normal)
outside diameter:	340 mm
Internal Clearance	C0-Medium
D _a max.	323 mm
Bore Diameter (mm)	340
d _a min.	207 mm
r _a max.	3 mm
internal clearance:	C0
snap ring included:	Without Snap Ring
Outer Diameter (mm)	190
Minimum Buy Quantity	N/A
r _a - max.	3 mm
D _a - max.	323 mm

d_a - min.	207 mm
$r_{1,2}$ min.	4 mm
static load capacity:	280 kN
d_1 ?	239.5 mm
D_1 ?	289.75 mm
row type & fill slot:	Single Row Non-Fill Slot
dynamic load capacity:	255 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	4 mm
Manufacturer Item Number	6238 M
Internal Special Features	No
Basic dynamic load rating C	255 kN
Basic dynamic load rating - C	255 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	7.35 kN
Calculation factor k_r	0.025
Calculation factor f_0	15
Fatigue load limit - P_u	7.4 kN
Calculation factor - k_r	0.025
Calculation factor - f_0	15
Basic static load rating C_0	280 kN
Basic static load rating - C_0	280 kN