



Bearing No. 6230 M

D	270 mm
d	150 mm
B	45 mm
Bore	5.906 Inch 150 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	62
Category	Single Row Ball Bearing
Enclosure	Open
Inventory	0.0
Size (mm)	270x150x45
Snap Ring	No
Width (mm)	45
bore type:	Round
Weight / LBS	25.51
Mass bearing	11.3 kg
maximum rpm:	3200 RPM
closure type:	Open
D ₁	227.35 mm
d ₁	190.6 mm
Inch - Metric	Metric
Cage Material	Brass
Product Group	B00308
bore diameter:	150 mm
cage material:	Brass
Keyword String	Ball
fillet radius:	2.5 mm
overall width:	45 mm
Bearing number	6230 M

Limiting speed	4500 r/min
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	5000 r/min
Outside Diameter	10.63 Inch 270 Millimeter
Outer Race Width	1.772 Inch 45 Millimeter
Long Description	150MM Bore; 270MM Outside Diameter; 45MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Manufacturer URL	http://www.skf.com
outer ring width:	45 mm
precision rating:	ABEC 1 (ISO Class Normal)
outside diameter:	270 mm
Manufacturer Name	SKF
Weight / Kilogram	11.58
D _a max.	256 mm
Bore Diameter (mm)	270
Internal Clearance	C0-Medium
r _a max.	2.5 mm
d _a min.	164 mm
snap ring included:	Without Snap Ring
Outer Diameter (mm)	150
internal clearance:	C0
r _a - max.	2.5 mm
D _a - max.	256 mm
d _a - min.	164 mm

$r_{1,2}$ min.	3 mm
Minimum Buy Quantity	N/A
static load capacity:	166 kN
d_1 ?	190.6 mm
row type & fill slot:	Single Row Non-Fill Slot
D_1 ?	227.35 mm
dynamic load capacity:	174 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	3 mm
Manufacturer Item Number	6230 M
Internal Special Features	No
Basic dynamic load rating C	174 kN
Basic dynamic load rating - C	174 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	4.9 kN
Calculation factor k_r	0.025
Calculation factor f_0	15.1
Fatigue load limit - P_u	4.9 kN
Calculation factor - k_r	0.025
Calculation factor - f_0	15.1
Basic static load rating C_0	166 kN
Basic static load rating - C_0	166 kN