



Bearing No. 51412 M

D	130 mm
d	60 mm
H	51 mm
Noun	Bearing
UNSPSC	31171507
Height	2.008 Inch 51 Millimeter
Bore 1	2.362 Inch 60 Millimeter
Bore 2	2.441 Inch 62 Millimeter
Banded	No
series:	514
Category	Thrust Ball Bearings
Size (mm)	130x60x51
Inventory	0.0
Width (mm)	51
maximum rpm:	2200 RPM
Weight / LBS	7.959
Inch - Metric	Metric
Product Group	B00308
Cage Material	Brass
D_1	62 mm
d_1	130 mm
Keyword String	Ball Thrust
overall width:	51 mm
cage material:	Steel
Other Features	Single Row Roller Guided
fillet radius:	1.5 mm
bore diameter:	60 mm

Bearing number	51412 M
Thrust Bearing	Yes
Limiting speed	2200 r/min
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Reference speed	1600 r/min
Outside Diameter	5.118 Inch 130 Millimeter
Long Description	60MM Bore 1; 62MM Bore 2; 130MM Outside Diameter; 51MM Height; Ball Bearing; Single Direction; Not Banded; Brass Cage; ABEC 1 ISO P0 Precision
Manufacturer URL	http://www.skf.com
outside diameter:	130 mm
precision rating:	ABEC 1 (ISO Class Normal)
Weight / Kilogram	3.613
Manufacturer Name	SKF
Bore Diameter (mm)	130
d _a min.	102 mm
D _a max.	88 mm
r _a max.	1.5 mm
Outer Diameter (mm)	60
d _a - min.	102 mm
thrust bearing type:	Single-Direction
r _a - max.	1.5 mm
Minimum Buy Quantity	N/A
separable or banded:	Separable
D _a - max.	88 mm
r _{1,2} min.	1.5 mm
d ₁ ?	130 mm
Component Description	Roller Assembly Plus

	Raceways
Minimum load factor A	0.96
static load capacity:	430 kN
D_1 ?	62 mm
$r_{1,2}$ - min.	1.5 mm
dynamic load capacity:	199 kN
Harmonized Tariff Code	8482.10.50.08
Minimum load factor - A	0.96
outside diameter design:	Straight
Manufacturer Item Number	51412 M
Single or Double Direction	Single Direction
Basic dynamic load rating C	199 kN
Basic dynamic load rating - C	199 kN
Fatigue load limit P_u	16 kN
Fatigue load limit - P_u	16 kN
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Basic static load rating C_0	430 kN
Basic static load rating - C_0	430 kN
Mass bearing (including seat washer where applicable)	3.1 kg