



Bearing No. 51416 M

D	170 mm
d	80 mm
H	68 mm
Noun	Bearing
Banded	No
Height	2.677 Inch 68 Millimeter
Bore 1	3.15 Inch 80 Millimeter
UNSPSC	31171507
Bore 2	3.268 Inch 83 Millimeter
Category	Thrust Ball Bearings
Size (mm)	170x80x68
Inventory	0.0
Width (mm)	68
Weight / LBS	17.843
Product Group	B00308
D_1	83 mm
Inch - Metric	Metric
Cage Material	Brass
d_1	170 mm
Keyword String	Ball Thrust
Other Features	Single Row Roller Guided
Thrust Bearing	Yes
Bearing number	51416 M
Limiting speed	1700 r/min
Rolling Element	Ball Bearing
Reference speed	1200 r/min
Precision Class	ABEC 1 ISO P0
Manufacturer URL	http://www.skf.com

Outside Diameter	6.693 Inch 170 Millimeter
Long Description	80MM Bore 1; 83MM Bore 2; 170MM Outside Diameter; 68MM Height; Ball Bearing; Single Direction; Not Banded; Brass Cage; ABEC 1 ISO P0 Precision
Manufacturer Name	SKF
Weight / Kilogram	8.101
d_a min.	133 mm
Bore Diameter (mm)	170
r_a max.	2 mm
D_a max.	117 mm
Outer Diameter (mm)	80
$r_{1,2}$ min.	2.1 mm
d_a - min.	133 mm
Minimum Buy Quantity	N/A
D_a - max.	117 mm
r_a - max.	2 mm
D_1 ?	83 mm
Component Description	Roller Assembly Plus Raceways
Minimum load factor A	2.3
d_1 ?	170 mm
Harmonized Tariff Code	8482.10.50.08
$r_{1,2}$ - min.	2.1 mm
Minimum load factor - A	2.3
Manufacturer Item Number	51416 M
Single or Double Direction	Single Direction
Basic dynamic load rating C	302 kN

Basic dynamic load rating - C	302 kN
Fatigue load limit P_u	25 kN
Fatigue load limit - P_u	25 kN
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Basic static load rating C_0	750 kN
Basic static load rating - C_0	750 kN
Mass bearing (including seat washer where applicable)	7.95 kg