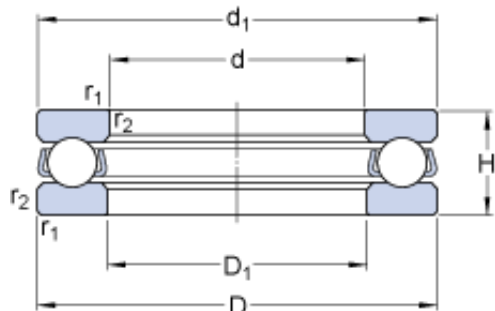




## Bearing Rolamentos do Brasil Ltda.



### SKF 51416 M thrust ball bearings

Bearing No. 51416 M

Size	170x80x68 mm
Bore Diameter	170 mm
Outer Diameter	80 mm
Width	68 mm
d	80 mm
D	170 mm
H	68 mm
d <sub>1</sub>	170 mm
D <sub>1</sub>	83 mm
r <sub>1,2</sub> - min.	2.1 mm
d <sub>a</sub> - min.	133 mm
D <sub>a</sub> - max.	117 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	302 kN
Basic static load rating - C <sub>0</sub>	750 kN
Fatigue load limit - P <sub>u</sub>	25 kN
Reference speed	1200 r/min
Limiting speed	1700 r/min
Minimum load factor - A	2.3
Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	8.101
Product Group	B00308

51416 M Bearing 2D drawings and 3D CAD models



## Bearing Rolamentos do Brasil Ltda.

Rolling Element	Ball Bearing
Thrust Bearing	Yes
Single or Double Direction	Single Direction
Banded	No
Cage Material	Brass
Precision Class	ABEC 1   ISO P0
Component Description	Roller Assembly Plus Raceways
Other Features	Single Row   Roller Guided
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
Inch - Metric	Metric
Category	Thrust Ball Bearings
UNSPSC	31171507
Harmonized Tariff Code	8482.10.50.08
Noun	Bearing
Keyword String	Ball Thrust
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	51416 M
Weight / LBS	17.843
Bore 2	3.268 Inch   83 Millimeter
Overall Height with Aligning Washer	0 Inch   0 Millimeter
Outside Diameter	6.693 Inch   170 Millimeter
Bore 1	3.15 Inch   80 Millimeter
Height	2.677 Inch   68 Millimeter
d <sub>1</sub>	170 mm
D <sub>1</sub>	83 mm
r <sub>1,2</sub> min.	2.1 mm
d <sub>a</sub> min.	133 mm



## Bearing Rolamentos do Brasil Ltda.

$D_a$ max.	117 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	302 kN
Basic static load rating $C_0$	750 kN
Fatigue load limit $P_u$	25 kN
Minimum load factor A	2.3
Mass bearing (including seat washer where applicable)	7.95 kg