



# Bearing Driveshaft USA CORP.

## SKF 51234 M Thrust Ball Bearing



Bearing No. 51234 M

51234 M Bearing 2D drawings and 3D CAD models

Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	7.85
EAN	7316577059666
Product Group	B00308
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	170MM Bore 1; 173MM Bore 2; 240MM Outside Diameter; 55MM 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



## Bearing Driveshaft USA CORP.

Keyword String	Ball Thrust
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	51234 M
Weight / LBS	17.667
Bore 1	6.693 Inch   170 Millimeter
Height	2.165 Inch   55 Millimeter
Overall Height with Aligning Washer	0 Inch   0 Millimeter
D	9.449 Inch   240 Millimeter
Bore 2	6.811 Inch   173 Millimeter
bore diameter:	170 mm
static load capacity:	930 kN
outside diameter:	240 mm
dynamic load capacity:	270 kN
overall width:	51 mm
maximum rpm:	1700 RPM
thrust bearing type:	Single-Direction
cage material:	Brass
outside diameter design:	Straight
fillet radius:	1.5 mm
separable or banded:	Separable
series:	512
precision rating:	ABEC 1 (ISO Class Normal)
d	170 mm
D	240 mm
H	55 mm
d <sub>1</sub>	237 mm
D <sub>1</sub>	173 mm
r <sub>1,2</sub> min.	1.5 mm
d <sub>a</sub> min.	212 mm
D <sub>a</sub> max.	198 mm
r <sub>a</sub> max.	1.5 mm



## Bearing Driveshaft USA CORP.

Basic dynamic load rating C	281 kN
Basic static load rating $C_0$	980 kN
Fatigue load limit $P_u$	25 kN
Reference speed	1100 r/min
Limiting speed	1600 r/min
Minimum load factor A	5.4
Mass bearing (including seat washer where applicable)	8.15 kg