



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



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Keyword String	Ball Thrust
Manufacturer URL	http://www.skf.com
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 ₁	237 mm
D ₁	173 mm
r _{1,2} min.	1.5 mm
d _a min.	212 mm
D _a max.	198 mm
r _a max.	1.5 mm



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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