

SKF 51230 M Thrust Ball Bearing



51230 M Bearing 2D drawings and 3D CAD models

Bearing No. 51230 M

Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	6.15
EAN	7316577121127
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	150MM Bore 1; 153MM Bore 2; 215MM Outside Diameter; 50MM 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	51230 M
Weight / LBS	13.556
Bore 2	6.024 Inch 153 Millimeter
D	8.465 Inch 215 Millimeter
Height	1.969 Inch 50 Millimeter
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Bore 1	5.906 Inch 150 Millimeter
bore diameter:	150 mm
static load capacity:	800 kN
outside diameter:	215 mm
dynamic load capacity:	238 kN
overall width:	50 mm
maximum rpm:	1800 RPM
thrust bearing type:	Single-Direction
cage material:	Brass
outside diameter design:	Straight
fillet radius:	1.5 mm
precision rating:	Not Rated
series:	512
d	150 mm
D	215 mm
H	50 mm
d ₁	212 mm
D ₁	153 mm
r _{1,2} min.	1.5 mm
d _a min.	189 mm
D _a max.	176 mm
r _a max.	1.5 mm
Basic dynamic load rating C	247 kN
Basic static load rating C ₀	800 kN



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Fatigue load limit P_u	21.6 kN
Reference speed	1300 r/min
Limiting speed	1800 r/min
Minimum load factor A	3.3
Mass bearing (including seat washer where applicable)	6.1 kg