



# FTR BEARING WHOLESALE LTD

## skf 51130 M Single direction thrust ball bearings



51130 M Bearing 2D drawings and 3D CAD models

Bearing No. 51130 M

Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	2.24
EAN	7316572051658
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; 152MM Bore 2; 190MM Outside Diameter; 31MM 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	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	51130 M
Weight / LBS	4.933
Bore 1	5.906 Inch   150 Millimeter
Height	1.22 Inch   31 Millimeter
Overall Height with Aligning Washer	0 Inch   0 Millimeter
D	7.48 Inch   190 Millimeter
Bore 2	5.984 Inch   152 Millimeter
bore diameter:	150 mm
static load capacity:	440 kN
outside diameter:	190 mm
dynamic load capacity:	111 kN
overall width:	31 mm
maximum rpm:	2400 RPM
thrust bearing type:	Single-Direction
cage material:	Brass
outside diameter design:	Straight
fillet radius:	1 mm
separable or banded:	Separable
series:	511
precision rating:	ABEC 1 (ISO Class Normal)
d	150 mm
D	190 mm
H	31 mm
d <sub>1</sub>	188 mm
D <sub>1</sub>	152 mm
r <sub>1,2</sub> min.	1 mm
d <sub>a</sub> min.	174 mm
D <sub>a</sub> max.	166 mm
r <sub>a</sub> max.	1 mm



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Basic dynamic load rating C	111 kN
Basic static load rating $C_0$	440 kN
Fatigue load limit $P_u$	12.5 kN
Reference speed	1700 r/min
Limiting speed	2400 r/min
Minimum load factor A	1
Mass bearing (including seat washer where applicable)	2.2 kg