



BEARING ITALIA S.P.A

skf 51156 M Single direction thrust ball bearings



Bearing No. 51156 M

51156 M Bearing 2D drawings and 3D CAD models

Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	12.29
EAN	7316572052020
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	280MM Bore 1; 283MM Bore 2; 350MM Outside Diameter; 53MM 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	51156 M
Weight / LBS	27.071
D	13.78 Inch 350 Millimeter
Height	2.087 Inch 53 Millimeter
Bore 1	11.024 Inch 280 Millimeter
Bore 2	11.142 Inch 283 Millimeter
Overall Height with Aligning Washer	0 Inch 0 Millimeter
bore diameter:	280 mm
static load capacity:	1460 kN
outside diameter:	350 mm
dynamic load capacity:	319 kN
overall width:	53 mm
maximum rpm:	1300 RPM
thrust bearing type:	Single-Direction
cage material:	Steel
outside diameter design:	Straight
fillet radius:	1.5 mm
separable or banded:	Separable
series:	511
precision rating:	ABEC 1 (ISO Class Normal)
d	280 mm
D	350 mm
H	53 mm
d ₁	347 mm
D ₁	283 mm
r _{1,2} min.	1.5 mm
d _a min.	322 mm
D _a max.	308 mm
r _a max.	1.5 mm



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Basic dynamic load rating C	319 kN
Basic static load rating C_0	1460 kN
Fatigue load limit P_u	30.5 kN
Reference speed	950 r/min
Limiting speed	1300 r/min
Minimum load factor A	11
Mass bearing (including seat washer where applicable)	12 kg