



Bearing No. 51311

D	105 mm
d	55 mm
H	35 mm
d1	105 mm
D1	57 mm
Noun	Bearing
Height	1.378 Inch 35 Millimeter
Bore 2	2.244 Inch 57 Millimeter
Bore 1	2.165 Inch 55 Millimeter
UNSPSC	31171507
Banded	No
Weight	1,3 Kg
ra max.	1 mm
da min.	85 mm
Da max.	75 mm
r2 min.	1,1 mm
r1 min.	1,1 mm
series:	513
Category	Thrust Ball Bearings
Inventory	0.0
Size (mm)	55x105x35
Width (mm)	35
Weight / LBS	2.84
maximum rpm:	3200 RPM
Cage Material	Steel
Inch - Metric	Metric
Product Group	B00308
Keyword String	Ball Thrust

bore diameter:	55 mm
overall width:	35 mm
Other Features	Single Row
fillet radius:	1 mm
cage material:	Steel
Bearing number	51311
Limiting speed	3200 r/min
Thrust Bearing	Yes
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	2200 r/min
Outside Diameter	4.134 Inch 105 Millimeter
Long Description	55MM Bore 1; 57MM Bore 2; 105MM Outside Diameter; 35MM Height; Ball Bearing; Single Direction; Not Banded; Steel Cage; ABEC 1 ISO P0 Precision
Manufacturer URL	http://www.skf.com
outside diameter:	105 mm
Manufacturer Name	SKF
precision rating:	ABEC 1 (ISO Class Normal)
Weight / Kilogram	1.289
D _a max.	75 mm
Bore Diameter (mm)	55
r _a max.	1 mm
d _a min.	85 mm
Outer Diameter (mm)	105
r _{1,2} min.	1.1 mm
separable or banded:	Separable
Minimum Buy Quantity	N/A
thrust bearing type:	Single-Direction

D ₁ ?	57 mm
Minimum load factor A	0.26
static load capacity:	224 kN
d ₁ ?	105 mm
Component Description	Roller Assembly Plus Raceways
dynamic load capacity:	101 kN
Harmonized Tariff Code	8482.10.50.08
Fatigue load limit (P _u)	8,3
outside diameter design:	Straight
Manufacturer Item Number	51311
Single or Double Direction	Single Direction
Basic dynamic load rating C	101 kN
Basic dynamic load rating (C)	101 kN
Basic static load rating (C ₀)	224 kN
Fatigue load limit P _u	8.3 kN
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Basic static load rating C ₀	224 kN
Mass bearing (including seat washer where applicable)	1.3 kg