



**Bearing No. 51312**

D	110 mm
d	60 mm
H	35 mm
d1	110 mm
D1	62 mm
Noun	Bearing
Bore 1	2.362 Inch   60 Millimeter
Height	1.378 Inch   35 Millimeter
Bore 2	2.441 Inch   62 Millimeter
UNSPSC	31171507
Banded	No
Weight	1,35 Kg
ra max.	1 mm
da min.	90 mm
Da max.	80 mm
r2 min.	1,1 mm
r1 min.	1,1 mm
series:	513
Category	Thrust Ball Bearings
Inventory	0.0
Size (mm)	60x110x35
Width (mm)	35
Weight / LBS	2.963
maximum rpm:	3000 RPM
Cage Material	Steel
Inch - Metric	Metric
Product Group	B00308
Keyword String	Ball Thrust

bore diameter:	60 mm
overall width:	35 mm
Other Features	Single Row
fillet radius:	1 mm
cage material:	Steel
Bearing number	51312
Limiting speed	3000 r/min
Thrust Bearing	Yes
Precision Class	ABEC 1   ISO P0
Rolling Element	Ball Bearing
Reference speed	2200 r/min
Outside Diameter	4.331 Inch   110 Millimeter
Long Description	60MM Bore 1; 62MM Bore 2; 110MM Outside Diameter; 35MM Height; Ball Bearing; Single Direction; Not Banded; Steel Cage; ABEC 1   ISO P0 Precision
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
outside diameter:	110 mm
Manufacturer Name	SKF
precision rating:	ABEC 1 (ISO Class Normal)
Weight / Kilogram	1.345
D <sub>a</sub> max.	80 mm
Bore Diameter (mm)	60
r <sub>a</sub> max.	1 mm
d <sub>a</sub> min.	90 mm
Outer Diameter (mm)	110
Minimum Buy Quantity	N/A
r <sub>1,2</sub> min.	1.1 mm
separable or banded:	Separable
thrust bearing type:	Single-Direction

D <sub>1</sub> ?	62 mm
Minimum load factor A	0.26
static load capacity:	224 kN
d <sub>1</sub> ?	110 mm
Component Description	Roller Assembly Plus Raceways
dynamic load capacity:	101 kN
Harmonized Tariff Code	8482.10.50.08
Fatigue load limit (P <sub>u</sub> )	8,3
outside diameter design:	Straight
Manufacturer Item Number	51312
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 <sub>0</sub> )	224 kN
Fatigue load limit P <sub>u</sub>	8.3 kN
Overall Height with Aligning Washer	0 Inch   0 Millimeter
Basic static load rating C <sub>0</sub>	224 kN
Mass bearing (including seat washer where applicable)	1.35 kg