



**Bearing No. 51122**

D	145 mm
d	110 mm
H	25 mm
d1	145 mm
D1	112 mm
Noun	Bearing
Bore 1	4.331 Inch   110 Millimeter
Height	0.984 Inch   25 Millimeter
Bore 2	4.409 Inch   112 Millimeter
UNSPSC	31171507
Banded	No
Weight	1,05 Kg
ra max.	1 mm
da min.	131 mm
Da max.	124 mm
r2 min.	1 mm
r1 min.	1 mm
series:	511
Category	Thrust Ball Bearings
Inventory	0.0
Size (mm)	110x145x25
Width (mm)	25
Weight / LBS	2.425
maximum rpm:	3200 RPM
Cage Material	Steel
Inch - Metric	Metric
Product Group	B00308
Keyword String	Ball Thrust

bore diameter:	110 mm
overall width:	25 mm
Other Features	Single Row
fillet radius:	1 mm
cage material:	Steel
Bearing number	51122
Limiting speed	3200 r/min
Thrust Bearing	Yes
Precision Class	ABEC 1   ISO P0
Rolling Element	Ball Bearing
Reference speed	2200 r/min
Long Description	110MM Bore 1; 112MM Bore 2; 145MM Outside Diameter; 25MM 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	5.709 Inch   145 Millimeter
Manufacturer Name	SKF
outside diameter:	145 mm
precision rating:	ABEC 1 (ISO Class Normal)
Weight / Kilogram	1.101
D <sub>a</sub> max.	124 mm
Bore Diameter (mm)	110
r <sub>a</sub> max.	1 mm
d <sub>a</sub> min.	131 mm
Outer Diameter (mm)	145
Minimum Buy Quantity	N/A
r <sub>1,2</sub> min.	1 mm
separable or banded:	Separable
thrust bearing type:	Single-Direction

D <sub>1</sub> ?	112 mm
Minimum load factor A	0.52
static load capacity:	285 kN
d <sub>1</sub> ?	145 mm
Component Description	Roller Assembly Plus Raceways
dynamic load capacity:	83.2 kN
Harmonized Tariff Code	8482.10.50.08
Fatigue load limit (P <sub>u</sub> )	9,5
outside diameter design:	Straight
Manufacturer Item Number	51122
Single or Double Direction	Single Direction
Basic dynamic load rating C	83.2 kN
Basic dynamic load rating (C)	83,2 kN
Basic static load rating (C <sub>0</sub> )	285 kN
Fatigue load limit P <sub>u</sub>	9.5 kN
Overall Height with Aligning Washer	0 Inch   0 Millimeter
Basic static load rating C <sub>0</sub>	285 kN
Mass bearing (including seat washer where applicable)	1.05 kg