

51122 SKF 110x145x25mm cage material: Steel Thrust ball bearings

Bearing number	51122
Size (mm)	110x145x25
Brand	SKF
Bore Diameter (mm)	110
Outer Diameter (mm)	145
Width (mm)	25
d	110 mm
D	145 mm
H	25 mm
d1	145 mm
r1 min.	1 mm
r2 min.	1 mm
D1	112 mm
da min.	131 mm
Da max.	124 mm
ra max.	1 mm
Weight	1.05 Kg
Basic dynamic load rating (C)	83.2 kN
Basic static load rating (C0)	285 kN
Fatigue load limit (Pu)	9.5
Reference speed	2200 r/min
Limiting speed	3200 r/min
Category	Thrust Ball Bearing
BDI Inventory	0.0

Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.101
EAN	7316577006578
Product Group – BDI	B00308
Rolling Element	Ball Bearing
Thrust Bearing	Yes
Single or Double Direction	Single Direction
Banded	No
Cage Material	Steel
Precision Class	ABEC 1 ISO P0
Component Description	Roller Assembly Plus Raceways
Other Features	Single Row
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
Inch – Metric	Metric
Category – BDI	Thrust Ball Bearings
UNSPSC	31171507
Harmonized Tariff Code	8482.10.50.08
Noun	Bearing
Keyword String	Ball Thrust
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	51122
Weight / LBS	2.425
Bore 1	4.331 Inch 110 Millimeter
Height	0.984 Inch 25 Millimeter
Outside Diameter	5.709 Inch 145 Millimeter

Overall Height with Aligning Washer	Ø Inch Ø Millimeter
Bore 2	4.409 Inch 112 Millimeter
bore diameter:	110 mm
static load capacity:	285 kN
outside diameter:	145 mm
dynamic load capacity:	83.2 kN
overall width:	25 mm
maximum rpm:	3200 RPM
thrust bearing type:	Single-Direction
cage material:	Steel
outside diameter design:	Straight
fillet radius:	1 mm
separable or banded:	Separable
series:	511
precision rating:	ABEC 1 (ISO Class Normal)
$d_1 \approx$	145 mm
$D_1 \approx$	112 mm
$r_{1,2} \text{ min.}$	1 mm
$d_a \text{ min.}$	131 mm
$D_a \text{ max.}$	124 mm
$r_a \text{ max.}$	1 mm
Basic dynamic load rating C	83.2 kN
Basic static load rating C_0	285 kN
Fatigue load limit P_u	9.5 kN
Minimum load factor A	0.52
Mass bearing (including seat washer where applicable)	1.05 kg