



Timken BEARINGS INDUSTRY

SKF 51124 thrust ball bearings



Bearing No. 51124

51124 Bearing 2D drawings and 3D CAD models

Size	120x155x25 mm
Bore Diameter	120 mm
Outer Diameter	155 mm
Width	25 mm
d	120 mm
D	155 mm
H	25 mm
d1	155 mm
r1 min.	1 mm
r2 min.	1 mm
D1	122 mm
da min.	141 mm
Da max.	134 mm
ra max.	1 mm
Weight	1,15 Kg
Basic dynamic load rating (C)	85,2 kN
Basic static load rating (C0)	305 kN
Fatigue load limit (Pu)	9,65
Reference speed	2200 r/min
Limiting speed	3000 r/min
Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.174
EAN	7316577006585



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Product Group	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	120MM Bore 1; 122MM Bore 2; 155MM Outside Diameter; 25MM Height; Ball Bearing; Single Direction; Not Banded; Steel Cage; ABEC 1 ISO P0 Precision
Inch - Metric	Metric
Category	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	51124
Weight / LBS	2.585
Bore 1	4.724 Inch 120 Millimeter
Bore 2	4.803 Inch 122 Millimeter
Height	0.984 Inch 25 Millimeter
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Outside Diameter	6.102 Inch 155 Millimeter
bore diameter:	120 mm
static load capacity:	305 kN



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outside diameter:	155 mm
dynamic load capacity:	85.2 kN
overall width:	25 mm
maximum rpm:	3000 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	155 mm
D_1	122 mm
$r_{1,2}$ min.	1 mm
d_a min.	141 mm
D_a max.	134 mm
r_a max.	1 mm
Basic dynamic load rating C	85.2 kN
Basic static load rating C_0	305 kN
Fatigue load limit P_u	9.65 kN
Minimum load factor A	0.58
Mass bearing (including seat washer where applicable)	1.15 kg