



skf 51114 bearing

Bearing No. 51114

Size	70x95x18 mm
Bore Diameter	70 mm
Outer Diameter	95 mm
Width	18 mm
d	70 mm
D	95 mm
H	18 mm
d1	95 mm
r1 min.	1 mm
r2 min.	1 mm
D1	72 mm
da min.	85 mm
Da max.	80 mm
ra max.	1 mm
Weight	0,35 Kg
Basic dynamic load rating (C)	40,3 kN
Basic static load rating (C0)	120 kN
Fatigue load limit (Pu)	4,4
Reference speed	3400 r/min
Limiting speed	4500 r/min
Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.358
EAN	7316577312075

51114 Bearing 2D drawings and 3D CAD models



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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	70MM Bore 1; 72MM Bore 2; 95MM Outside Diameter; 18MM 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	51114
Weight / LBS	0.788
Outside Diameter	3.74 Inch 95 Millimeter
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Height	0.709 Inch 18 Millimeter
Bore 1	2.756 Inch 70 Millimeter
Bore 2	2.835 Inch 72 Millimeter
bore diameter:	70 mm
static load capacity:	120 kN
outside diameter:	95 mm



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dynamic load capacity:	40.3 kN
overall width:	18 mm
maximum rpm:	4500 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	95 mm
D_1	72 mm
$r_{1,2}$ min.	1 mm
d_a min.	85 mm
D_a max.	80 mm
r_a max.	1 mm
Basic dynamic load rating C	40.3 kN
Basic static load rating C_0	120 kN
Fatigue load limit P_u	4.4 kN
Minimum load factor A	0.074
Mass bearing (including seat washer where applicable)	0.35 kg