

# 51114 SKF 70x95x18mm Other Features Single Row Thrust ball bearings

Bearing number	51114
Size (mm)	70x95x18
Brand	SKF
Bore Diameter (mm)	70
Outer Diameter (mm)	95
Width (mm)	18
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
BDI Inventory	0.0

Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.358
EAN	7316577312075
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	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 – BDI	Thrust Ball Bearings
UNSPSC	31171507
Harmonized Tariff Code	8482.10.50.08
Noun	Bearing
Keyword String	Ball Thrust
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
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
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)
$d_1 \approx$	95 mm
$D_1 \approx$	72 mm
$r_{1,2} \text{ min.}$	1 mm
$d_a \text{ min.}$	85 mm
$D_a \text{ max.}$	80 mm
$r_a \text{ max.}$	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