



NTN Bearing Brazil Bearings Ltda.



Factory Price Direct Supply SKF 51102 8102
51104 8104 51106 8106 Thrust Ball Bearing in
Stock

Bearing No. 51102

51102 Bearing 2D drawings and 3D CAD models

Size	15x28x9 mm
Bore Diameter	15 mm
Outer Diameter	28 mm
Width	9 mm
d	15 mm
D	28 mm
H	9 mm
d1	28 mm
r1 min.	0,3 mm
r2 min.	0,3 mm
D1	16 mm
da min.	23 mm
Da max.	20 mm
ra max.	0,3 mm
Weight	0,023 Kg
Basic dynamic load rating (C)	10,6 kN
Basic static load rating (C0)	18,3 kN
Fatigue load limit (Pu)	0,67
Reference speed	8500 r/min
Limiting speed	12000 r/min
Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



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Weight / Kilogram	0.028
EAN	7316577058409
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	15MM Bore 1; 16MM Bore 2; 28MM Outside Diameter; 9MM 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	51102
Weight / LBS	0.062
Bore 2	0.63 Inch 16 Millimeter
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Outside Diameter	1.102 Inch 28 Millimeter
Bore 1	0.591 Inch 15 Millimeter
Height	0.354 Inch 9 Millimeter
bore diameter:	15 mm



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static load capacity:	18.3 kN
outside diameter:	28 mm
dynamic load capacity:	10.6 kN
overall width:	9 mm
maximum rpm:	12000 RPM
thrust bearing type:	Single-Direction
cage material:	Steel
outside diameter design:	Straight
fillet radius:	0.3 mm
separable or banded:	Separable
series:	511
precision rating:	ABEC 1 (ISO Class Normal)
d_1	28 mm
D_1	16 mm
$r_{1,2}$ min.	0.3 mm
d_a min.	23 mm
D_a max.	20 mm
r_a max.	0.3 mm
Basic dynamic load rating C	10.6 kN
Basic static load rating C_0	18.3 kN
Fatigue load limit P_u	0.67 kN
Minimum load factor A	0.0017
Mass bearing (including seat washer where applicable)	0.023 kg