



NTNY BEARING LTD



skf 51103 bearing

Bearing No. 51103

51103 Bearing 2D drawings and 3D CAD models

Size	17x30x9 mm
Bore Diameter	17 mm
Outer Diameter	30 mm
Width	9 mm
d	17 mm
D	30 mm
H	9 mm
d1	30 mm
r1 min.	0,3 mm
r2 min.	0,3 mm
D1	18 mm
da min.	25 mm
Da max.	22 mm
ra max.	0,3 mm
Weight	0,025 Kg
Basic dynamic load rating (C)	11,4 kN
Basic static load rating (C0)	21,2 kN
Fatigue load limit (Pu)	0,78
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
Weight / Kilogram	0.03
EAN	7316577058669



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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	17MM Bore 1; 18MM Bore 2; 30MM 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	51103
Weight / LBS	0.066
Bore 1	0.669 Inch 17 Millimeter
Height	0.354 Inch 9 Millimeter
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Outside Diameter	1.181 Inch 30 Millimeter
Bore 2	0.709 Inch 18 Millimeter
bore diameter:	17 mm
static load capacity:	21.2 kN
outside diameter:	30 mm



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dynamic load capacity:	11.4 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	30 mm
D_1	18 mm
$r_{1,2}$ min.	0.3 mm
d_a min.	25 mm
D_a max.	22 mm
r_a max.	0.3 mm
Basic dynamic load rating C	11.4 kN
Basic static load rating C_0	21.2 kN
Fatigue load limit P_u	0.78 kN
Minimum load factor A	0.0023
Mass bearing (including seat washer where applicable)	0.025 kg