



NACHI BEARINGS TRAINING INDUSTRY



SKF 51306 thrust ball bearings

Bearing No. 51306

Size	30x60x21 mm
Bore Diameter	30 mm
Outer Diameter	60 mm
Width	21 mm
d	30 mm
D	60 mm
H	21 mm
d1	60 mm
r1 min.	1 mm
r2 min.	1 mm
D1	32 mm
da min.	48 mm
Da max.	42 mm
ra max.	1 mm
Weight	0,26 Kg
Basic dynamic load rating (C)	35,8 kN
Basic static load rating (C0)	65,5 kN
Fatigue load limit (Pu)	2,4
Reference speed	3800 r/min
Limiting speed	5300 r/min
Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.265
EAN	7316577058737

51306 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	30MM Bore 1; 32MM Bore 2; 60MM Outside Diameter; 21MM 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	51306
Weight / LBS	0.584
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Bore 2	1.26 Inch 32 Millimeter
Height	0.827 Inch 21 Millimeter
Bore 1	1.181 Inch 30 Millimeter
Outside Diameter	2.362 Inch 60 Millimeter
bore diameter:	30 mm
static load capacity:	65.5 kN
outside diameter:	60 mm



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dynamic load capacity:	35.8 kN
overall width:	21 mm
maximum rpm:	5300 RPM
thrust bearing type:	Single-Direction
cage material:	Steel
outside diameter design:	Straight
fillet radius:	1 mm
separable or banded:	Separable
series:	513
precision rating:	ABEC 1 (ISO Class Normal)
d_1	60 mm
D_1	32 mm
$r_{1,2}$ min.	1 mm
d_a min.	48 mm
D_a max.	42 mm
r_a max.	1 mm
Basic dynamic load rating C	35.8 kN
Basic static load rating C_0	65.5 kN
Fatigue load limit P_u	2.4 kN
Minimum load factor A	0.026
Mass bearing (including seat washer where applicable)	0.26 kg