



BEARING DRIVESHAFT, INC.



skf 51216 bearing

Bearing No. 51216

Size	80x115x28 mm
Bore Diameter	80 mm
Outer Diameter	115 mm
Width	28 mm
d	80 mm
D	115 mm
H	28 mm
d1	115 mm
r1 min.	1 mm
r2 min.	1 mm
D1	82 mm
da min.	101 mm
Da max.	94 mm
ra max.	1 mm
Weight	0,91 Kg
Basic dynamic load rating (C)	76,1 kN
Basic static load rating (C0)	208 kN
Fatigue load limit (Pu)	7,65
Reference speed	2400 r/min
Limiting speed	3400 r/min
Category	Thrust Ball Bearing
Inventory	1.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.911
Product Group	B00308

51216 Bearing 2D drawings and 3D CAD models



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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	80MM Bore 1; 82MM Bore 2; 115MM Outside Diameter; 28MM 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	51216
Weight / LBS	2.006
Outside Diameter	4.528 Inch 115 Millimeter
Bore 2	3.228 Inch 82 Millimeter
Height	1.102 Inch 28 Millimeter
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Bore 1	3.15 Inch 80 Millimeter
bore diameter:	80 mm
static load capacity:	208 kN
outside diameter:	115 mm



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dynamic load capacity:	76.1 kN
overall width:	28 mm
maximum rpm:	3400 RPM
thrust bearing type:	Single-Direction
cage material:	Steel
outside diameter design:	Straight
fillet radius:	1 mm
separable or banded:	Separable
series:	512
precision rating:	ABEC 1 (ISO Class Normal)
d_1	115 mm
D_1	82 mm
$r_{1,2}$ min.	1 mm
d_a min.	101 mm
D_a max.	94 mm
r_a max.	1 mm
Basic dynamic load rating C	76.1 kN
Basic static load rating C_0	208 kN
Fatigue load limit P_u	7.65 kN
Minimum load factor A	0.22
Mass bearing (including seat washer where applicable)	0.91 kg