



skf 51105 bearing

Bearing No. 51105

Size	25x42x11 mm
Bore Diameter	25 mm
Outer Diameter	42 mm
Width	11 mm
d	25 mm
D	42 mm
H	11 mm
d1	42 mm
r1 min.	0,6 mm
r2 min.	0,6 mm
D1	26 mm
da min.	35 mm
Da max.	32 mm
ra max.	0,6 mm
Weight	0,056 Kg
Basic dynamic load rating (C)	18,2 kN
Basic static load rating (C0)	39 kN
Fatigue load limit (Pu)	1,43
Reference speed	6300 r/min
Limiting speed	9000 r/min
Category	Thrust Ball Bearing
Inventory	4.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.062
EAN	7316577058645

51105 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	25MM Bore 1; 26MM Bore 2; 42MM Outside Diameter; 11MM 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	51105
Weight / LBS	0.136
Bore 2	1.024 Inch 26 Millimeter
Outside Diameter	1.654 Inch 42 Millimeter
Bore 1	0.984 Inch 25 Millimeter
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Height	0.433 Inch 11 Millimeter
bore diameter:	25 mm
static load capacity:	39 kN
outside diameter:	42 mm



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dynamic load capacity:	18.2 kN
overall width:	11 mm
maximum rpm:	9000 RPM
thrust bearing type:	Single-Direction
cage material:	Steel
outside diameter design:	Straight
fillet radius:	0.6 mm
separable or banded:	Separable
series:	511
precision rating:	ABEC 1 (ISO Class Normal)
d_1	42 mm
D_1	26 mm
$r_{1,2}$ min.	0.6 mm
d_a min.	35 mm
D_a max.	32 mm
r_a max.	0.6 mm
Basic dynamic load rating C	18.2 kN
Basic static load rating C_0	39 kN
Fatigue load limit P_u	1.43 kN
Minimum load factor A	0.0079
Mass bearing (including seat washer where applicable)	0.056 kg