



51109 Bearing 2D drawings and 3D CAD models

## HF0612KFR Drawn Cup Oneway Clutches

Bearing No. 51109

Size	45x65x14 mm
Bore Diameter	45 mm
Outer Diameter	65 mm
Width	14 mm
d	45 mm
D	65 mm
T	14 mm
d1	65 mm
r min.	0,6 mm
D1	47 mm
da min.	57 mm
Da max.	53 mm
ra max.	0,6 mm
Weight	0,143 Kg
Basic dynamic load rating (C)	28,1 kN
Basic static load rating (C0)	69 kN
(Grease) Lubrication Speed	3400 r/min
Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.14
EAN	0029176028953
Product Group	B00308
Rolling Element	Ball Bearing
Thrust Bearing	Yes



## UG Ball Bearing CORP.

Single or Double Direction	Single Direction
Banded	No
Cage Material	Steel
Precision Class	Non-Precision
Component Description	Roller Assembly Plus Raceways
Other Features	Single Row   With Flat Seat
Long Description	45MM Bore 1; 47MM Bore 2; 65MM Outside Diameter; 14MM Height; Ball Bearing; Single Direction; Not Banded; Steel Cage; Non-Precision
Inch - Metric	Metric
Category	Thrust Ball Bearings
UNSPSC	31171552
Harmonized Tariff Code	8482.10.50.08
Noun	Bearing
Keyword String	Ball Thrust
Manufacturer URL	<a href="http://www.nskamericas.com">http://www.nskamericas.com</a>
Manufacturer Item Number	51109
Weight / LBS	0.31526
Bore 2	1.85 Inch   47 Millimeter
Height	0.551 Inch   14 Millimeter
Bore 1	1.772 Inch   45 Millimeter
Outside Diameter	2.559 Inch   65 Millimeter
Overall Height with Aligning Washer	0 Inch   0 Millimeter
bore diameter:	45 mm
static load capacity:	7050 kg
outside diameter:	65 mm
dynamic load capacity:	2860 kg
overall width:	14 mm



## UG Ball Bearing CORP.

operating temperature range:	Maximum of +120 ° C
thrust bearing type:	Single-Direction
maximum rpm:	5000 RPM
outside diameter design:	Straight
cage material:	Steel
separable or banded:	Separable
fillet radius:	0.6 mm
race type:	Flat
series:	511
precision rating:	ABEC 1 (ISO Class Normal)
SRI	3.9
hidYobi	51109
LangID	1
D_	65
SREX	0.04
C	28.1
B_	14
hidTable	ecat_NSSDTB
Oil rpm	5000
SRE	3.9
mass	0.143
GRS rpm	3400
ra	0.6
SRIX	0.04
D_a	53
SRIN	0
C0	69
SREN	0
D_1	47
Prod_Type3	TB_SD_WFS
da	57



## UG Ball Bearing CORP.

DA_	7.144
Z_	22
yobi	51109
SDM_	55
r	0.6
T_	14
KBRG	5111