



NTN BEARING CORP.OF America LTD.



10 mm x 19 mm x 5 mm NSK 6800 Bearing

Bearing No. 6800

Size	10x19x5 mm
Bore Diameter	10 mm
Outer Diameter	19 mm
Width	5 mm
d	10 mm
D	19 mm
B	5 mm
C	5 mm
r min.	0,3 mm
da min.	12 mm
da max	12 mm
Da max.	17 mm
ra max.	0,3 mm
Weight	0,005 Kg
Basic dynamic load rating (C)	1,72 kN
Basic static load rating (C0)	0,84 kN
(Grease) Lubrication Speed	34 000 r/min
(Oil) Lubrication Speed	40 000 r/min
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.005
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1 ISO P0

6800 Bearing 2D drawings and 3D CAD models



NTN BEARING CORP.OF America LTD.

Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	10MM Bore; 19MM Outside Diameter; 5MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.nskamericas.com
Manufacturer Item Number	6800
Weight / LBS	0.005
Bore	0.394 Inch 10 Millimeter
Outside Diameter	0.748 Inch 19 Millimeter
Outer Race Width	0.197 Inch 5 Millimeter
bore diameter:	10 mm
internal clearance:	C0
outside diameter:	19 mm
dynamic load capacity:	1720 N
overall width:	5 mm
static load capacity:	840 N
bore type:	Round



NTN BEARING CORP.OF America LTD.

precision rating:	ABEC1, P0
closure type:	Open
finish/coating:	Uncoated
row type & fill slot:	Single Row Non-Fill Slot
cage material:	Steel Cage
snap ring included:	Without Snap Ring
maximum rpm:	40000 rpm
SRI	1.23
hidYobi	6800
LangID	1
D_	19
SREX	0.01
B_	5
da min	12
hidTable	ecat_NSRDGB
Oil rpm	40000
SRE	1.23
mass	0.005
GRS rpm	34000
ra	0.3
SRIX	0.01
D_a	17
SRIN	-0.01
C0	0.84
fo	14.8
SREN	-0.01
DE_	16.881
Prod_Type3	DGBB_SR_OT
DA_	2.381
bomp	0
Z_	10
yobi	6800



NTN BEARING CORP.OF America LTD.

C_conv	1720
ALPHA_	0
SDM_	14.5
r	0.3
KBRG	6101
SBRG	18
DI_	12.119