



# High Temperature BEARINGS CO., LTD



## NSK 6303 Bearing

Bearing No. 6303

Size	17x47x14 mm
Bore Diameter	17 mm
Outer Diameter	47 mm
Width	14 mm
d	17 mm
D	47 mm
B	14 mm
C	14 mm
r min.	1 mm
da min.	22 mm
da max	25,5 mm
Da max.	42 mm
ra max.	1 mm
Weight	0,113 Kg
Basic dynamic load rating (C)	13,6 kN
Basic static load rating (C0)	6,65 kN
(Grease) Lubrication Speed	15 000 r/min
(Oil) Lubrication Speed	18 000 r/min
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.05
EAN	0029176016387
Product Group	B00308
Enclosure	Open

6303 Bearing 2D drawings and 3D CAD models



## High Temperature BEARINGS CO., LTD

Precision Class	ABEC 1   ISO P0
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	17MM Bore; 47MM Outside Diameter; 14MM 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	<a href="http://www.nskamericas.com">http://www.nskamericas.com</a>
Manufacturer Item Number	6303
Weight / LBS	0.11
Outside Diameter	1.85 Inch   47 Millimeter
Outer Race Width	0.551 Inch   14 Millimeter
Bore	0.669 Inch   17 Millimeter
bore diameter:	17 mm
internal clearance:	C0
outside diameter:	47 mm
dynamic load capacity:	13600 N
overall width:	14 mm
precision rating:	ABEC1, P0



## High Temperature BEARINGS CO., LTD

bore type:	Round
finish/coating:	Uncoated
closure type:	Open
cage material:	Steel Cage
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm:	18000 rpm
snap ring included:	Without Snap Ring
SRI	4.41
hidYobi	6303
LangID	1
D_	47
SREX	0.04
B_	14
da min	22
hidTable	ecat_NSRDGB
Oil rpm	18000
SRE	4.63
mass	0.113
GRS rpm	15000
ra	1
SRIX	0.02
D_a	42
SRIN	0
C0	6.65
fo	12.4
SREN	0
DE_	41.731
Prod_Type3	DGBB_SR_OT
DA_	8.731
bomp	0
Z_	7
yobi	6303



## High Temperature BEARINGS CO., LTD

C_conv	13600
ALPHA_	0
SDM_	33
r	1
KBRG	6101
SBRG	3
DI_	24.269