



BEARING SCIENCE & TECHNOLOGY CO.,LTD.



Black Deep Groove Ball Bearing NSK 6306 6228
6210 6001 6802 RS 696zz Chrome Steel Bearing
698 F603zz

Bearing No. 6306

6306 Bearing 2D drawings and 3D CAD models

Size	30x72x19 mm
Bore Diameter	30 mm
Outer Diameter	72 mm
Width	19 mm
d	30 mm
D	72 mm
B	19 mm
C	19 mm
r min.	1,1 mm
da min.	36,5 mm
da max	42,5 mm
Da max.	65,5 mm
ra max.	1 mm
Weight	0,345 Kg
Basic dynamic load rating (C)	26,7 kN
Basic static load rating (C0)	15 kN
(Grease) Lubrication Speed	9 500 r/min
(Oil) Lubrication Speed	12 000 r/min
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.352
Product Group	B00308



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Enclosure	Open
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	30MM Bore; 72MM Outside Diameter; 19MM 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	6306
Weight / LBS	0.342
Outer Race Width	0.748 Inch 19 Millimeter
Outside Diameter	2.835 Inch 72 Millimeter
Bore	1.181 Inch 30 Millimeter
bore diameter:	30 mm
internal clearance:	C0
outside diameter:	72 mm
dynamic load capacity:	26700 N
overall width:	19 mm
precision rating:	ABEC1, P0



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bore type:	Round
finish/coating:	Uncoated
closure type:	Open
cage material:	Steel Cage
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm:	12000 rpm
snap ring included:	Without Snap Ring
SRI	6.01
hidYobi	6306
LangID	1
D_	72
SREX	0.05
B_	19
da min	36.5
hidTable	ecat_NSRDGB
Oil rpm	12000
SRE	6.25
mass	0.345
GRS rpm	9500
ra	1
SRIX	0.025
D_a	65.5
SRIN	0
C0	15
fo	13.3
SREN	0
DE_	63.906
Prod_Type3	DGBB_SR_OT
DA_	11.906
bomp	0
Z_	8
yobi	6306



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C_conv	26700
ALPHA_	0
SDM_	52
r	1.1
KBRG	6101
SBRG	3
DI_	40.094