



Timken MANUFACTURING (THAILAND)CO.,LTD.



60 mm x 130 mm x 31 mm NSK 6312 deep groove ball bearings

Bearing No. 6312

6312 Bearing 2D drawings and 3D CAD models

Size	60x130x31 mm
Bore Diameter	60 mm
Outer Diameter	130 mm
Width	31 mm
d	60 mm
D	130 mm
B	31 mm
C	31 mm
r min.	2,1 mm
da min.	71 mm
da max	79 mm
Da max.	119 mm
ra max.	2 mm
Weight	1,72 Kg
Basic dynamic load rating (C)	82 kN
Basic static load rating (C0)	52 kN
(Grease) Lubrication Speed	5 300 r/min
(Oil) Lubrication Speed	6 300 r/min
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	732.25
EAN	0029176017230
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	60MM Bore; 130MM Outside Diameter; 31MM 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	6312
Weight / LBS	1.73
Outer Race Width	1.22 Inch 31 Millimeter
Outside Diameter	5.118 Inch 130 Millimeter
Bore	2.362 Inch 60 Millimeter
bore diameter:	60 mm
internal clearance:	C0
outside diameter:	130 mm
dynamic load capacity:	82000 N
overall width:	31 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:	6300 rpm
snap ring included:	Without Snap Ring
SRI	11.5
hidYobi	6312
LangID	1
D_	130
SREX	0.08
B_	31
da min	71
hidTable	ecat_NS RDGB
Oil rpm	6300
SRE	11.78
mass	1.72
GRS rpm	5300
ra	2
SRIX	0.04
D_a	119
SRIN	-0.04
C0	52
fo	13.1
SREN	0
DE_	117.225
Prod_Type3	DGBB_SR_OT
DA_	22.225
bomp	0
Z_	8
yobi	6312



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C_conv	82000
ALPHA_	0
SDM_	95
r	2.1
KBRG	6101
SBRG	3
DI_	72.775