



SKF BEARING MANUFACTURING CO.,LTD.



50 mm x 110 mm x 27 mm NSK 6310 deep groove ball bearings

Bearing No. 6310

6310 Bearing 2D drawings and 3D CAD models

Size	50x110x27 mm
Bore Diameter	50 mm
Outer Diameter	110 mm
Width	27 mm
d	50 mm
D	110 mm
B	27 mm
C	27 mm
r min.	2 mm
da min.	59 mm
da max	68 mm
Da max.	101 mm
ra max.	2 mm
Weight	1,06 Kg
Basic dynamic load rating (C)	62 kN
Basic static load rating (C0)	38,5 kN
(Grease) Lubrication Speed	6 000 r/min
(Oil) Lubrication Speed	7 500 r/min
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	1.06
EAN	0029176017070
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	50MM Bore; 110MM Outside Diameter; 27MM 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	6310
Weight / LBS	1.062
Outside Diameter	4.331 Inch 110 Millimeter
Outer Race Width	1.063 Inch 27 Millimeter
Bore	1.969 Inch 50 Millimeter
bore diameter:	50 mm
internal clearance:	C0
outside diameter:	110 mm
dynamic load capacity:	62000 N
overall width:	27 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:	7500 rpm
snap ring included:	Without Snap Ring
SRI	9.86
hidYobi	6310
LangID	1
D_	110
SREX	0.04
B_	27
da min	59
hidTable	ecat_NSRDGB
Oil rpm	7500
SRE	9.86
mass	1.06
GRS rpm	6000
ra	2
SRIX	0.04
D_a	101
SRIN	-0.04
C0	38.5
fo	13.2
SREN	-0.04
DE_	101.05
Prod_Type3	DGBB_SR_OT
DA_	19.05
bomp	0
Z_	8
yobi	6310



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C_conv	62000
ALPHA_	0
SDM_	82
r	2
KBRG	6101
SBRG	3
DI_	62.95