



## BEARING USA CORP.



### 50 mm x 65 mm x 7 mm 013.35.1250 Inner Gear Single Row Ball Slewing Ring For Excavator

Bearing No. 6810

6810 Bearing 2D drawings and 3D CAD models

Size	50x65x7 mm
Bore Diameter	50 mm
Outer Diameter	65 mm
Width	7 mm
d	50 mm
D	65 mm
B	7 mm
C	7 mm
r min.	0,3 mm
da min.	52 mm
da max	52,5 mm
Da max.	63 mm
ra max.	0,3 mm
Weight	0,05 Kg
Basic dynamic load rating (C)	6,4 kN
Basic static load rating (C0)	6,2 kN
(Grease) Lubrication Speed	9 500 r/min
(Oil) Lubrication Speed	11 000 r/min
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.02
EAN	0029176029875
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; 65MM Outside Diameter; 7MM 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	6810
Weight / LBS	0.052
Bore	1.969 Inch   50 Millimeter
Outside Diameter	2.559 Inch   65 Millimeter
Outer Race Width	0.276 Inch   7 Millimeter
bore diameter:	50 mm
internal clearance:	C0
outside diameter:	65 mm
dynamic load capacity:	6400 N
overall width:	7 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:	11000 rpm
snap ring included:	Without Snap Ring
SRI	2.05
hidYobi	6810
LangID	1
D_	65
SREX	0.015
B_	7
da min	52
hidTable	ecat_NSRDGB
Oil rpm	11000
SRE	2.05
mass	0.05
GRS rpm	9500
ra	0.3
SRIX	0.015
D_a	63
SRIN	-0.015
C0	6.2
fo	17.2
SREN	-0.015
DE_	61.469
Prod_Type3	DGBB_SR_OT
DA_	3.969
bomp	0
Z_	23
yobi	6810



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C_conv	6400
ALPHA_	0
SDM_	57.5
r	0.3
KBRG	6101
SBRG	18
DI_	53.531