



GQ BEARING PROCESSING LTD



105 mm x 130 mm x 13 mm NSK 6821 deep groove ball bearings

Bearing No. 6821

6821 Bearing 2D drawings and 3D CAD models

Size	105x130x13 mm
Bore Diameter	105 mm
Outer Diameter	130 mm
Width	13 mm
d	105 mm
D	130 mm
B	13 mm
C	13 mm
r min.	1 mm
da min.	110 mm
da max	110,5 mm
Da max.	125 mm
ra max.	1 mm
Weight	0,324 Kg
Basic dynamic load rating (C)	19,8 kN
Basic static load rating (C0)	23,9 kN
(Grease) Lubrication Speed	4 800 r/min
(Oil) Lubrication Speed	5 600 r/min
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.35
EAN	0029176029967
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	105MM Bore; 130MM Outside Diameter; 13MM 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	6821
Weight / LBS	0.37
Outside Diameter	5.118 Inch 130 Millimeter
Bore	4.134 Inch 105 Millimeter
Outer Race Width	0.512 Inch 13 Millimeter
bore diameter:	105 mm
internal clearance:	C0
outside diameter:	130 mm
dynamic load capacity:	19800 N
overall width:	13 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:	5600 rpm
snap ring included:	Without Snap Ring
SRI	3.7
hidYobi	6821
LangID	1
D_	130
SREX	0.02
B_	13
da min	110
hidTable	ecat_NSRDGB
Oil rpm	5600
SRE	3.7
mass	0.324
GRS rpm	4800
ra	1
SRIX	0.02
D_a	125
SRIN	-0.02
C0	23.9
fo	17.4
SREN	-0.02
DE_	124.644
Prod_Type3	DGBB_SR_OT
DA_	7.144
bomp	0
Z_	27
yobi	6821



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C_conv	19800
ALPHA_	0
SDM_	117.5
r	1
KBRG	6101
SBRG	18
DI_	110.356