



Shandong Chik Bearing Co., Ltd.



60 mm x 78 mm x 10 mm NSK 6812 deep groove ball bearings

Bearing No. 6812

6812 Bearing 2D drawings and 3D CAD models

Size	60x78x10 mm
Bore Diameter	60 mm
Outer Diameter	78 mm
Width	10 mm
d	60 mm
D	78 mm
B	10 mm
C	10 mm
r min.	0,3 mm
da min.	62 mm
da max	64 mm
Da max.	76 mm
ra max.	0,3 mm
Weight	0,103 Kg
Basic dynamic load rating (C)	11,5 kN
Basic static load rating (C0)	10,9 kN
(Grease) Lubrication Speed	8 000 r/min
(Oil) Lubrication Speed	9 500 r/min
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.06
EAN	0029176029899
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; 78MM Outside Diameter; 10MM 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	6812
Weight / LBS	0.125
Outer Race Width	0.394 Inch 10 Millimeter
Bore	2.362 Inch 60 Millimeter
Outside Diameter	3.071 Inch 78 Millimeter
bore diameter:	60 mm
internal clearance:	C0
outside diameter:	78 mm
dynamic load capacity:	11500 N
overall width:	10 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:	9500 rpm
snap ring included:	Without Snap Ring
SRI	2.88
hidYobi	6812
LangID	1
D_	78
SREX	0.015
B_	10
da min	62
hidTable	ecat_NS RDGB
Oil rpm	9500
SRE	2.88
mass	0.103
GRS rpm	8000
ra	0.3
SRIX	0.015
D_a	76
SRIN	-0.015
C0	10.9
fo	16.9
SREN	-0.015
DE_	74.556
Prod_Type3	DGBB_SR_OT
DA_	5.556
bomp	0
Z_	21
yobi	6812



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C_conv	11500
ALPHA_	0
SDM_	69
r	0.3
KBRG	6101
SBRG	18
DI_	63.444