



Bearing No. 6010DDU

Size	50x80x16 mm
Bore Diameter	50 mm
Outer Diameter	80 mm
Width	16 mm
d	50 mm
D	80 mm
B	16 mm
C	16 mm
r min.	1 mm
da min.	55 mm
da max	58,5 mm
Da max.	75 mm
ra max.	1 mm
Weight	0,261 Kg
Basic dynamic load rating (C)	21,8 kN
Basic static load rating (C0)	16,6 kN
(Grease) Lubrication Speed	4 800 r/min
Category	Single Row Ball Bearings
BDI Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.26
EAN	0029176063077
Product Group - BDI	B00308
Enclosure	2 Seals
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
Enclosure Type	Contact Seal
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	50MM Bore; 80MM Outside Diameter; 16MM Outer Race Width; 2 Seals; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage; Contact Seal Enclosure
Other Features	Deep Groove Rubber Seal
Category - BDI	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	6010DDU
Weight / LBS	0.57319
Outside Diameter	3.15 Inch 80 Millimeter
Bore	1.969 Inch 50 Millimeter
Outer Race Width	0.63 Inch 16 Millimeter
Inner Race Width	0 Inch 0 Millimeter
SRI	4.52

hidYobi	6010DDU
LangID	1
D_	80
SREX	0.02
B_	16
CAD	https://service.web2cad.co.jp/pcom/maker_login.php?Maker=NSK_RB&language=ja&info=nsk_rb/roller_bearings/deep_groove_bb/single_row_dgbb/contact_sealed_type_dd_ddu_asmtab.prj&vareset={STAN=Standard},{ORDER=6010DDU},{SD=50},{D=80},{B=16},{R=1.0},{CR1=21800},{COR1=16600},{FO=15.6},{LG=4800},{DAM1=55.0},{DA1=58.5},{DA2=75.0},{RA=1.0},{MASS=0.261}
da min	55
hidTable	ecat_NSRDGB
SRE	4.52
mass	0.261
GRS rpm	4800
ra	1
SRIX	0.02
D_a	75
SRIN	-0.02
C0	16.6
fo	15.6
SREN	-0.02
DE_	74.731
Prod_Type3	DGBB_SR_DD
DA_	8.731
bomp	0

Z_	14
yobi	6010DDU
C_conv	21800
ALPHA_	0
SDM_	66
r	1
KBRG	6161
SBRG	10
DI_	57.269
calcUrl	/BearingGuide/html/calculation.jsp