

# 16008 NSK 40x68x9mm SBRG 0

## Deep groove ball bearings

Bearing number	16008
Size (mm)	40x68x9
Brand	NSK
Bore Diameter (mm)	40
Outer Diameter (mm)	68
Width (mm)	9
d	40 mm
D	68 mm
B	9 mm
C	9 mm
r min.	0.3 mm
da min.	42 mm
Da max.	66 mm
ra max.	0.3 mm
Weight	0.13 Kg
Basic dynamic load rating (C)	12.6 kN
Basic static load rating (C0)	9.65 kN
(Grease) Lubrication Speed	10 000 r/min
(Oil) Lubrication Speed	12 000 r/min
Category	Single Row Ball Bearings
BDI Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.12
EAN	0029176059438
Product Group - BDI	B00308
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	40MM Bore; 68MM Outside Diameter; 9MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Category - BDI	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>
Weight / LBS	0.265
Outside Diameter	2.677 Inch   68 Millimeter
Bore	1.575 Inch   40 Millimeter
Outer Race Width	0.354 Inch   9 Millimeter
bore diameter:	40 mm
static load capacity:	9650 N
outside diameter:	68 mm
precision rating:	Not Rated
overall width:	9 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	9 mm
row type & fill slot:	Single Row Non-Fill Slot

fillet radius:	0.3 mm
internal clearance:	C0
maximum rpm:	12000 RPM
dynamic load capacity:	12600 N
series:	160
DI_	47.65
calcUrl	/BearingGuide/html/calculation.jsp
SRI	3.29
hidYobi	16008
LangID	1
D_	68
SREX	0.02
B_	9
CAD	<a href="https://service.web2cad.co.jp/pcom/maker_login.php?Maker=NSK_RB&amp;language=ja&amp;info=nsk_rb/roller_bearings/deep_groove_bb/single_row_dgbb/open_type_asmtab.prj&amp;varset={STAN=(gevmsg NSK_RB 210)}.{ORDER=16008}.{SD=40}.{D=68}.{B=9}.{R=0.3}.{CR1=12600}.{COR1=9650}.{FO=16.0}.{LG=10000}.{LO=12000}.{DAM1=42.0}.{DA1=0.0}.{DA2=66.0}.{RA=0.3}.{MASS=0.130}">https://service.web2cad.co.jp/pcom/maker_login.php?Maker=NSK_RB&amp;language=ja&amp;info=nsk_rb/roller_bearings/deep_groove_bb/single_row_dgbb/open_type_asmtab.prj&amp;varset={STAN=(gevmsg NSK_RB 210)}.{ORDER=16008}.{SD=40}.{D=68}.{B=9}.{R=0.3}.{CR1=12600}.{COR1=9650}.{FO=16.0}.{LG=10000}.{LO=12000}.{DAM1=42.0}.{DA1=0.0}.{DA2=66.0}.{RA=0.3}.{MASS=0.130}</a>
da min	42
hidTable	ecat_NSXDGB
Oil rpm	12000
SRE	3.29
mass	0.13
GRS rpm	10000
ra	0.3
SRIX	0.02
D_a	66
SRIN	-0.02
C0	9.65
fo	16
SREN	-0.02
DE_	60.35
Prod_Type3	DGDB_SR_OT
DA_	6.35
bomp	0
Z_	15
yobi	16008
C_conv	12600
ALPHA_	0
SDM_	54
r	0.3
KBRG	6101
SBRG	0