

# 16009 NSK closure type: Open 45x75x10mm Deep groove ball bearings

Category	Single Row Ball Bearings
BDI Inventory	2.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.16
EAN	0029176059445
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	45MM Bore; 75MM Outside Diameter; 10MM 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	0.353
Bore	1.772 Inch   45 Millimeter
Outside Diameter	2.953 Inch   75 Millimeter
Outer Race Width	0.394 Inch   10 Millimeter
Bearing number	16009
Size (mm)	45x75x10
Brand	NSK
Bore Diameter (mm)	45
Outer Diameter (mm)	75
Width (mm)	10
d	45 mm
D	75 mm
B	10 mm
C	10 mm
r min.	0.6 mm
da min.	49 mm
Da max.	71 mm
ra max.	0.6 mm
Weight	0.167 Kg
Basic dynamic load rating (C)	14.9 kN
Basic static load rating (C0)	11.4 kN
(Grease) Lubrication Speed	9 000 r/min
(Oil) Lubrication Speed	11 000 r/min
bore diameter:	45 mm
static load capacity:	11400 N
outside diameter:	75 mm
precision rating:	Not Rated
overall width:	10 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel

closure type:	Open
outer ring width:	10 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.6 mm
internal clearance:	C0
maximum rpm:	11000 RPM
dynamic load capacity:	14900 N
series:	160
SRI	3.7
hidYobi	16009
LangID	1
D_	75
SREX	0.02
B_	10
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=16009}.{SD=45}.{D=75}.{B=10}.{R=0.6}.{CR1=14900}.{COR1=11400}.{FO=15.9}.{LG=9000}.{LO=11000}.{DAM1=49.0}.{DA1=0.0}.{DA2=71.0}.{RA=0.6}.{MASS=0.167}">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=16009}.{SD=45}.{D=75}.{B=10}.{R=0.6}.{CR1=14900}.{COR1=11400}.{FO=15.9}.{LG=9000}.{LO=11000}.{DAM1=49.0}.{DA1=0.0}.{DA2=71.0}.{RA=0.6}.{MASS=0.167}</a>
da min	49
hidTable	ecat_NSRDGB
Oil rpm	11000
SRE	3.7
mass	0.167
GRS rpm	9000
ra	0.6
SRIX	0.02
D_a	71
SRIN	-0.02
C0	11.4
fo	15.9
SREN	-0.02
DE_	67.144
Prod_Type3	DGBB_SR_OT
DA_	7.144
bomp	0
Z_	14
yobi	16009
C_conv	14900
ALPHA_	0
SDM_	60
r	0.6
KBRG	6101
SBRG	0
DI_	52.856
calcUrl	/BearingGuide/html/calculation.jsp