

# 16005 NSK row type & fill slot: Single Row Non-Fill Slot 25x47x8mm Deep groove ball bearings

Bearing number	16005
Size (mm)	25x47x8
Brand	NSK
Bore Diameter (mm)	25
Outer Diameter (mm)	47
Width (mm)	8
d	25 mm
D	47 mm
B	8 mm
C	8 mm
r min.	0.3 mm
da min.	27 mm
Da max.	45 mm
ra max.	0.3 mm
Weight	0.059 Kg
Basic dynamic load rating (C)	8.85 kN
Basic static load rating (C0)	5.6 kN
(Grease) Lubrication Speed	15 000 r/min
(Oil) Lubrication Speed	18 000 r/min
Category	Single Row Ball Bearings
BDI Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.06
EAN	0029176059407
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	25MM Bore; 47MM Outside Diameter; 8MM 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	0.132
Outside Diameter	1.85 Inch   47 Millimeter
Outer Race Width	0.315 Inch   8 Millimeter
Bore	0.984 Inch   25 Millimeter
bore diameter:	25 mm
static load capacity:	5600 N
outside diameter:	47 mm

precision rating:	Not Rated
overall width:	8 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	8 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.3 mm
internal clearance:	C0
maximum rpm:	18000 RPM
dynamic load capacity:	8850 N
series:	160
SRI	2.88
hidYobi	16005
LangID	1
D_	47
SREX	0.015
B_	8
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=16005}. {SD=25}. {D=47}. {B=8}. {R=0.3}. {CR1=8850}. {COR1=5600}. {FO=15.1}. {LG=15000}. {LO=18000}. {DAM1=27.0}. {DA1=0.0}. {DA2=45.0}. {RA=0.3}. {MASS=0.059}">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=16005}. {SD=25}. {D=47}. {B=8}. {R=0.3}. {CR1=8850}. {COR1=5600}. {FO=15.1}. {LG=15000}. {LO=18000}. {DAM1=27.0}. {DA1=0.0}. {DA2=45.0}. {RA=0.3}. {MASS=0.059}</a>
da min	27
hidTable	ecat_NSRDGB
Oil rpm	18000
SRE	2.88
mass	0.059
GRS rpm	15000
ra	0.3
SRIX	0.015
D_a	45
SRIN	-0.015
C0	5.6
fo	15.1
SREN	-0.015
DE_	42.056
Prod_Type3	DGBB_SR_OT
DA_	5.556
bomp	0
Z_	12
yobi	16005
C_conv	8850
ALPHA_	0
SDM_	36.5
r	0.3
KBRG	6101
SBRG	0
DI_	38.944
calcUrl	/BearingGuide/html/calculation.jsp