

# 16003 NSK LangID 1 17x35x8mm Deep groove ball bearings

Category	Single Row Ball Bearings
BDI Inventory	2.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.032
EAN	0029176059384
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	17MM Bore; 35MM 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	0.066
Outer Race Width	0.315 Inch   8 Millimeter
Bore	0.669 Inch   17 Millimeter
Outside Diameter	1.378 Inch   35 Millimeter
Bearing number	16003
Size (mm)	17x35x8
Brand	NSK
Bore Diameter (mm)	17
Outer Diameter (mm)	35
Width (mm)	8
d	17 mm
D	35 mm
B	8 mm
C	8 mm
r min.	0.3 mm
da min.	19 mm
Da max.	33 mm
ra max.	0.3 mm
Weight	0.033 Kg
Basic dynamic load rating (C)	6 kN
Basic static load rating (C0)	3.25 kN
(Grease) Lubrication Speed	22 000 r/min
(Oil) Lubrication Speed	26 000 r/min
bore diameter:	17 mm
static load capacity:	3250 N
outside diameter:	35 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:	26000 RPM
dynamic load capacity:	6000 N
series:	160
SRI	2.46
hidYobi	16003
LangID	1
D_	35
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=16003}.{SD=17}.{D=35}.{B=8}.{R=0.3}.{CR1=6000}.{COR1=3250}.{FO=14.4}.{LG=22000}.{LO=26000}.{DAMI=19.0}.{DA1=0.0}.{DA2=33.0}.{RA=0.3}.{MASS=0.033}">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=16003}.{SD=17}.{D=35}.{B=8}.{R=0.3}.{CR1=6000}.{COR1=3250}.{FO=14.4}.{LG=22000}.{LO=26000}.{DAMI=19.0}.{DA1=0.0}.{DA2=33.0}.{RA=0.3}.{MASS=0.033}</a>
da min	19
hidTable	ecat_NSRDGB
Oil rpm	26000
SRE	2.46
mass	0.033
GRS rpm	22000
ra	0.3
SRIX	0.015
D_a	33
SRIN	-0.015
C0	3.25
fo	14.4
SREN	-0.015
DE_	30.762
Prod_Type3	DGBB_SR_OT
DA_	4.762
bomp	0
Z_	10
yobi	16003
C_conv	6000
ALPHA_	0
SDM_	26
r	0.3
KBRG	6101
SBRG	0
DI_	21.238
calcUrl	/BearingGuide/html/calculation.jsp