

# 16004 NSK SRE 2.88 20x42x8mm Deep groove ball bearings

Category	Single Row Ball Bearings
BDI Inventory	3.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.05
EAN	0029176059391
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	20MM Bore; 42MM 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	0.11
Outside Diameter	1.654 Inch   42 Millimeter
Outer Race Width	0.315 Inch   8 Millimeter
Bore	0.787 Inch   20 Millimeter
Bearing number	16004
Size (mm)	20x42x8
Brand	NSK
Bore Diameter (mm)	20
Outer Diameter (mm)	42
Width (mm)	8
d	20 mm
D	42 mm
B	8 mm
C	8 mm
r min.	0.3 mm
da min.	22 mm
Da max.	40 mm
ra max.	0.3 mm
Weight	0.048 Kg
Basic dynamic load rating (C)	7.9 kN
Basic static load rating (C0)	4.45 kN
(Grease) Lubrication Speed	18 000 r/min
(Oil) Lubrication Speed	20 000 r/min
bore diameter:	20 mm
static load capacity:	4450 N
outside diameter:	42 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:	20000 RPM
dynamic load capacity:	7900 N
series:	160
SRI	2.88
hidYobi	16004
LangID	1
D_	42
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=16004}.{SD=20}.{D=42}.{B=8}.{R=0.3}.{CR1=7900}.{COR1=4450}.{FO=14.5}.{LG=18000}.{LO=20000}.{DAMI=22.0}.{DA1=0.0}.{DA2=40.0}.{RA=0.3}.{MASS=0.048}">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=16004}.{SD=20}.{D=42}.{B=8}.{R=0.3}.{CR1=7900}.{COR1=4450}.{FO=14.5}.{LG=18000}.{LO=20000}.{DAMI=22.0}.{DA1=0.0}.{DA2=40.0}.{RA=0.3}.{MASS=0.048}</a>
da min	22
hidTable	ecat_NSRDGB
Oil rpm	20000
SRE	2.88
mass	0.048
GRS rpm	18000
ra	0.3
SRIX	0.015
D_a	40
SRIN	-0.015
C0	4.45
fo	14.5
SREN	-0.015
DE_	36.556
Prod_Type3	DGBB_SR_OT
DA_	5.556
bomp	0
Z_	10
yobi	16004
C_conv	7900
ALPHA_	0
SDM_	31
r	0.3
KBRG	6101
SBRG	0
DI_	25.444
calcUrl	/BearingGuide/html/calculation.jsp