

16011 NSK 55x90x11mm mass

0.257 Deep groove ball

bearings

Bearing number	16011
Size (mm)	55x90x11
Brand	NSK
Bore Diameter (mm)	55
Outer Diameter (mm)	90
Width (mm)	11
d	55 mm
D	90 mm
B	11 mm
C	11 mm
r Min.	0.6 mm
d1 Min.	58 mm
D1 Max.	88 mm
ra Max.	0.6 mm
Weight	0.257 Kg
Basic dynamic load rating (C)	19.4 kN
Basic static load rating (C0)	16.3 kN
(Grease) Lubrication Speed	7 500 r/min
(Oil) Lubrication Speed	9 000 r/min
Category	Single Row Ball Bearings
BDI Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.271
EAN	0029176031281
Product Group - BDI	800308
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	55MM Bore; 90MM Outside Diameter; 11MM 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	8482.10.50.00
Item	Bearing
Keyword String	Ball
Manufacturer URL	http://www.nskamericas.com
Weight / LBS	0.551
Outside Diameter	3.543 Inch 90 Millimeter
Bore	2.165 Inch 55 Millimeter
Outer Race Width	0.433 Inch 11 Millimeter
bore diameter:	55 mm
static load capacity:	16300 N
outside diameter:	90 mm
precision rating:	Not Rated
overall width:	11 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	11 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.6 mm
internal clearance:	C0
maximum rpm:	9000 RPM
dynamic load capacity:	19400 N
series:	160
SRI	4.11
h3d/h3d1	16011
LangID	1
D_	90
SREX	0.02
E_	11
CAD	https://service.web2cad.co.jp/pcom/maker_login.php?Maker=NSK_R&language=j&info=nsk_rb/roller_bearings/deep_groove_ba/single_row_dgb/open_type_asmtab.prj&varset=(STAN=1).(ORDER=16011).(SD=55).(D=90).(B=11).(B4=0.6).(CR1=19400).(C0R1=16300).(FD=16.2).(LG=7500).(LO=9000).(DAMI=59.8).(DA1=0.6).(DA2=06.6).(RA=0.6).(RMSS=0.257)
da_min	59
hidTable	ecat_MSRDGB
d11_rpm	9000
vd	4.11
mass	0.257
GWS_rpm	7500
ra	0.6
SRI1	0.02
D_a	86
SRIN	-0.02
C0	16.3
F0	16.2
SREN	-0.02
DE	80.438
Prod_Type3	DGBB_SR_OT
DA_	7.938
bump	6
Z_	16
yob1	16011
C_conv	19400
ALPHA	0
SRI_	72.5
r	0.6
KBRG	6101
SBRG	0
EL_	54.563
calcURL	/BearingGuide/html/calculation.jsp