

# 24136CE4 NSK 180x300x118mm SIR 46 Spherical roller bearings

Bearing number	24136CE4
Size (mm)	180x300x118
Brand	NSK
Bore Diameter (mm)	180
Outer Diameter (mm)	300
Width (mm)	118
d	180 mm
D	300 mm
B	118 mm
C	118 mm
r min.	3 mm
d <sub>a</sub> min.	194 mm
d <sub>a</sub> max.	202 mm
d <sub>w</sub> min.	252 mm
d <sub>w</sub> max.	258 mm
r <sub>a</sub> max.	2.5 mm
Weight	33.1 Kg
Basic dynamic load rating (C)	1100 kN
Basic static load rating (C <sub>0</sub> )	2900 kN
(Grease) Lubrication Speed	900 r/min
(Oil) Lubrication Speed	1200 r/min
Calculation Factor (a)	0.37
Calculation Factor (f <sub>0</sub> )	1.8
Calculation Factor (f <sub>1</sub> )	2.7
Category	Spherical Roller Bearings
ISI Invention	0.0
Manufacturer Name	NSK
Minimum Qty	N/A
Weight / kilogram	33
EMN	002019602914
Product Group - ISI	804311
Internal Clearance	C0-Medium
Mounting Method	Shaft Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Straight
Cage Material	Steel
Enclosure	Open
Number of Rows of Rollers	Double Row
Reversible	Yes
Without Shims	Not Applicable
ISI - Abstract	None
Long Description	120MM Straight Bore; 300MM Outside Diameter; 118MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Helicarbath
Category - ISI	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	84823000
Room	Bearing
Keyword String	Spherical
Manufacturer URL	<a href="http://www.nskamericas.com">http://www.nskamericas.com</a>
Manufacturer Item Number	24136CE4
Weight / LBS	33
Master Part Number	Not Applicable Inch   Not Applicable Millimeter
Outside Diameter	11.811 Inch   300 Millimeter
Width	4.646 Inch   118 Millimeter
Bore	7.087 Inch   180 Millimeter
V2	1.8
Wdth	24136CE4
Length	1
V1	1.8
D	300
V3	2.5
Nchs	0
E	118
CS	<a href="https://service.webdial.co.jp/gson/maker_login.php?maker=NSK_NBLlanguage=j&amp;language=rb/roller_bearings/spherical_rb/ryLndrcaL_bore_watub.prj&amp;server=ESTM-1">https://service.webdial.co.jp/gson/maker_login.php?maker=NSK_NBLlanguage=j&amp;language=rb/roller_bearings/spherical_rb/ryLndrcaL_bore_watub.prj&amp;server=ESTM-1</a> ; (DB=180) (D=180) (E=118.0) (B=2.5) (CS=1120000) (CDB=2040000) (L7=1000) (Dm=) (L5=900) (L3=1200) (DA1=194) (DA2=202.000) (DA3=266) (DA4=251) (DA5=2.5) (E=0.37) (F1=2.7) (F0=1.8) (RMS=33.10)
da min	194
isfTable	ecat_NOSPBR
ISI rpm	1200
V2	1.8
max	33.1
ISI rpm	900
F4	2.5
TSR rpm	1100
C0	2900
C	270.033
IS	1
Prod_Type	SMO_C18_C0
SI	1
V2	0.67
SIR	46
a	0.37
DA	30.5
comp	24136CE4
Z	20
ALF2	45
ALF1	13
ALF3	0
D <sub>a</sub> max	266
D <sub>w</sub> min	252
VMS	24136CE4
ALMA	0.24
SPH	240.407
r	3
KMG	2322
SRG	41
SI	230.351
calcDr1	/bearingcode/Html/Calculation.jsp