

# 1320 NSK Calculation factor (Y2) 4.1 100x215x47mm Self aligning ball bearings

Bearing number	1320
Size (mm)	100x215x47
Brand	NSK
Bore Diameter (mm)	100
Outer Diameter (mm)	215
Width (mm)	47
d	100 mm
D	215 mm
B	47 mm
C	47 mm
r min.	2 mm
da min.	113 mm
da max.	202 mm
ra max.	2.5 mm
Weight	8.46 Kg
Basic dynamic load rating (C)	140 kN
Basic static load rating (C0)	57.5 kN
(Grease) Lubrication Speed	2 800 r/min
(Oil) Lubrication Speed	3 400 r/min
Calculation factor (a)	0.24
Calculation factor (Y0)	2.8
Calculation factor (Y2)	4.1
SR1	14.57
Y3	2.7
ISO9001	1320
LangID	1
PCD	158
D <sub>1</sub>	215
Y2	4.1
SREX	0
cyl count	15
B <sub>1</sub>	47
CAD	<a href="http://service.web2cad.co.jp/pcsm/MakeNSK_BBInfo=nsk_rb/roller_bearings/self_aligning_bb/cylindrical_bore_axstab.prj">http://service.web2cad.co.jp/pcsm/MakeNSK_BBInfo=nsk_rb/roller_bearings/self_aligning_bb/cylindrical_bore_axstab.prj</a> axstab=(STAB= J).(90DEG-1320).(50=100).(D=215).(B=47).(B=3.0).(CR1=140000).(CR1=57500).(CR2=14300).(CR2=5850).(LG=2000).(LD=3400).(DA1=115.0).(DA2=202.0).(RA=2.5).(E=0.24).(Y2=4.1).(Y3=2.70).(Y0=2.80).(PMS=8.300)
ISO9001	eca1_30548
Oil rpm	3400
SRE	0
Y0	2.8
max	0.3
ra	2.5
GRS rpm	2800
SREX	0.1
groove inner	130.904
D <sub>1a</sub>	202
SREN	0
C0	57.5
groove outer	106.954
SREN	0
Y0	1
Prod_Type3	SAB8_SA_CB
X1	1
da	113
X2	0.60
e	0.24
y0a1	1320
r	3
WMS	1320
CANG	0.993
cyl dia	26.988
calc0r1	/BearingGuide/html/calculation.jsp