

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
ra 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
S1	14.57
Y0	2.7
ISO9000 LangID	1320
PCD	158
D ₁	215
Y2	4.1
SREX	0
cyl count	15
B ₁	47
CAD	http://service.web2cad.co.jp/pcnm/MakeNSK_R6Info=nsk_r6/roller_bearings/self_aligning_bb/cylindrical_bore_asmtab.prj?charset=(STAB=)_(ORIG=1320)_(SD=100)_(D=215)_(B=47)_(R=3.0)_(RI=140000)_(COR1=57500)_(COR2=14300)_(COR3=8550)_(LG=2000)_(LD=3400)_(DA1=115.0)_(DA2=202.0)_(RA=2.5)_(E=0.24)_(Y2=4.1)_(Y0=2.70)_(YB=2.80)_(PMS=8.300)
ISO9000	ecol_30558
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 _{1a}	202
SREN	0
C0	57.5
groove outer	186.904
SREN	0
Y0	1
Prod_Type3	SAB8_SA_CB
X1	1
da	113
X2	0.68
e	0.24
y0a	1320
F	3
WMS	1320
CAN0	8.993
cyl dia	26.988
calc0r1	/BearingGuide/html/calculation.jsp