

# 1312 NSK 60x130x31mm B\_ 31 Self aligning ball bearings

Bearing number	1312
Size (mm)	60x130x31
Brand	NSK
Bore Diameter (mm)	60
Outer Diameter (mm)	130
Width (mm)	31
d	60 mm
D	130 mm
B	31 mm
C	31 mm
r min.	2.1 mm
da min.	71 mm
Da max.	119 mm
ra max.	2 mm
Weight	2.03 kg
Basic dynamic load rating (C)	57.5 kN
Basic static load rating (C0)	28.8 kN
(Grease) Lubrication Speed	4 500 r/min
(Oil) Lubrication Speed	5 600 r/min
Calculation factor (e)	0.23
Calculation factor (YB)	2.9
Calculation factor (Y2)	4.3
SR1	0.33
Y3	2.8
ISO9001 LangSD	1312
PCD	98.4
D <sub>a</sub>	130
Y2	4.3
SRX	0
cyl count	16
B	31
CAD	<a href="http://service.web2cad.co.jp/pcom/?Maker=NSK_R&amp;Info=nsk_rotl_bearings/self_aligning_bb/cylindrical_bore_assttab.prj&amp;varset={STAN=1, (ORDER=1312), (S0=60), (D=130), (B=31), (R=2.1), (CR1=57500), (COR1=20000), (CR2=5900), (COR2=2130), (LG=4500), (LD=5600), (DA1=71.0), (DA2=119.0), (RA=2.0), (E=0.23), (Y2=4.3), (YB=2.80), (Y0=2.90), (MASS=1.950)}">http://service.web2cad.co.jp/pcom/?Maker=NSK_R&amp;Info=nsk_rotl_bearings/self_aligning_bb/cylindrical_bore_assttab.prj&amp;varset={STAN=1, (ORDER=1312), (S0=60), (D=130), (B=31), (R=2.1), (CR1=57500), (COR1=20000), (CR2=5900), (COR2=2130), (LG=4500), (LD=5600), (DA1=71.0), (DA2=119.0), (RA=2.0), (E=0.23), (Y2=4.3), (YB=2.80), (Y0=2.90), (MASS=1.950)}</a>
ISOtable	eca_305AB
G11 rpm	5000
SRE	0
YB	2.9
mass	1.95
ra	2
G15 rpm	4500
SRX	0.065
groove inner	82.516
D <sub>a</sub>	119
SRIN	0
C0	28.8
groove outer	115.382
SREN	0
XB	1
Prod_Type3	5488_SA_CB
X1	1
da	71
X2	0.65
e	0.23
y0B1	1312
r	2.1
KBRG	1352
CAN0	0.554
cyl dia	15.875
calc01	/bearingguide/html/calculation.jsp