

# 1214 NSK C0 13.8 70x125x24mm Self aligning ball bearings

Bearing number	1214
Size (mm)	70x125x24
Brand	NSK
Bore Diameter (mm)	70
Outer Diameter (mm)	125
Width (mm)	24
d	70 mm
D	125 mm
B	24 mm
C	24 mm
r min.	1.5 mm
da min.	70 mm
Da max.	117 mm
ra max.	1.5 mm
Weight	1.3 kg
Basic dynamic load rating (C)	35 kN
Basic static load rating (C0)	13.8 kN
(Grease) Lubrication Speed	4 800 r/min
(Oil) Lubrication Speed	5 600 r/min
Calculation factor (e)	0.18
Calculation factor (YB)	3.6
Calculation factor (Y2)	5.3
SR1	6.25
Y3	3.4
ISO9001 LangID	1
PCD	96.1
D <sub>1</sub>	125
Y2	5.3
SRX	0
cyl count	20
B	24
CAD	<a href="http://service.web2cad.co.jp/pcom/?Maker=NSK_R&amp;Info=nsk_rotl_bearings/self_aligning_bb/cylindrical_bore_asmtab.prj&amp;varset={STAN=1, (ORDER=1214), (S0=70), (D=125), (B=24), (R=1.5), (CR1=35000), (COR1=13800), (CR2=3550), (COR2=1410), (LG=800), (L0=5600), (DA1=78.0), (DA2=117.0), (RA=1.5), (E=0.18), (Y2=5.3), (YB=3.60), (Y3=1.300)}">http://service.web2cad.co.jp/pcom/?Maker=NSK_R&amp;Info=nsk_rotl_bearings/self_aligning_bb/cylindrical_bore_asmtab.prj&amp;varset={STAN=1, (ORDER=1214), (S0=70), (D=125), (B=24), (R=1.5), (CR1=35000), (COR1=13800), (CR2=3550), (COR2=1410), (LG=800), (L0=5600), (DA1=78.0), (DA2=117.0), (RA=1.5), (E=0.18), (Y2=5.3), (YB=3.60), (Y3=1.300)}</a>
ISOtable	eca_3500AB
G11 rpm	5600
SRE	0
YB	3.6
mas	1.3
ra	1.5
G15 rpm	4800
SRX	0.65
groove inner	84.189
D <sub>1a</sub>	117
SRIN	0
CB	13.8
groove outer	108.716
SREN	0
XB	1
Prod_Type3	5489_SA_CB
X1	1
da	78
X2	0.65
w	0.18
y0d1	1214
r	1.5
KBRG	1352
Cdng	6.941
cyl dia	11.986
calc01	/bearingguide/html/calculation.jsp