

# 1310 NSK 50x110x27mm Oil rpm 6700 Self aligning ball bearings

Bearing number	1310
Size (mm)	50x110x27
Brand	NSK
Bore Diameter (mm)	50
Outer Diameter (mm)	110
Width (mm)	27
d	50 mm
D	110 mm
B	27 mm
C	27 mm
r min.	2 mm
da min.	50 mm
Da max.	101 mm
ra max.	2 mm
Weight	1.25 Kg
Basic dynamic load rating (C)	43.5 kN
Basic static load rating (C0)	14.1 kN
(Grease) Lubrication Speed (GSI)	5 600 r/min
(Oil) Lubrication Speed (OSI)	6 700 r/min
Calculation factor (e)	0.23
Calculation factor (Y0)	2.8
Calculation factor (Y2)	4.2
S01	7.5
Y3	2.7
hi4Y0d1	1310
LangID	1
PCD	80.6
D	110
Y2	4.2
SREX	0
cyl count	13
R	27
CAD	<a href="http://service.web2cad.co.jp/pcor/Maker-NSK_R8&amp;info=nsk_rb/roller_bearings/self_aligning_bb/cylindrical_bore_asstb-prj&amp;varset={STAN-1, (ORDER=1310), (S0=50), (D=110), (B=27), (R=2.8), (CR1=43500), (COR1=14100), (CR2=44500), (COR2=14400), (LG=5600), (LO=4700), (DA1=50.0), (DA2=101.0), (RA=2.0), (E=0.23), (Y2=4.2), (Y3=2.70), (Y0=2.80), (MSS=1.250)}">http://service.web2cad.co.jp/pcor/Maker-NSK_R8&amp;info=nsk_rb/roller_bearings/self_aligning_bb/cylindrical_bore_asstb-prj&amp;varset={STAN-1, (ORDER=1310), (S0=50), (D=110), (B=27), (R=2.8), (CR1=43500), (COR1=14100), (CR2=44500), (COR2=14400), (LG=5600), (LO=4700), (DA1=50.0), (DA2=101.0), (RA=2.0), (E=0.23), (Y2=4.2), (Y3=2.70), (Y0=2.80), (MSS=1.250)}</a>
hdTable	ecat_H55AB
G1 rpm	6700
S01	0
Y0	2.8
mas	1.25
ra	2
GSI rpm	5600
SRI	0.865
groove inner	66.303
Q <sub>a</sub>	301
SRI	0
C0	14.1
groove outer	95.852
SREN	0
X0	1
Prod_Type3	SAB0_SA_CB
X1	1
da	50
X2	0.65
e	0.23
y0d1	1310
r	2
KBRG	1352
CAnG	8.816
cyl dia	14.288
calcort	/bearingguide/html/calculation.jsp