

# 2316 NSK 80x170x58mm SRIN 0

## Self aligning ball bearings

Bearing number	2316
Size (mm)	80x170x58
Brand	NSK
Bore Diameter (mm)	80
Outer Diameter (mm)	170
Width (mm)	58
d	80 mm
D	170 mm
B	58 mm
C	58 mm
r min.	2.1 mm
da min.	91 mm
Da max.	159 mm
ra max.	2 mm
Weight	5.54 Kg
Basic dynamic load rating (C)	130 kN
Basic static load rating (C0)	45 kN
(Grease) Lubrication Speed	3 200 r/min
(Oil) Lubrication Speed	4 000 r/min
Calculation factor (a)	0.39
Calculation factor (YB)	1.7
Calculation factor (Y2)	2.5
SRI	13.34
YB	1.6
NSKID	2316
LangID	1
PCD	125
D <sub>g</sub>	170
Y2	2.5
SREX	0
cyl count	13
B	58
CAD	<a href="http://service.web2cad.co.jp/pcom/7Maker-NSK_RBAInfo-nsk_rotler_bearings/self_aligning_0/cylindrical_bore_sontab.prj?varset={STAN-}_.(R00R-2316).(SD-00).(D-170).(B-58).(B-2.1).(CR1-130000).(COR1-65000).(CR2-12200).(COR2-46000).(LG-3200).(L0-4000).(DA1-91.0).(DA2-159.0).(Ra-2.0).(E-0.39).(Y2-2.5).(YB-1.60).(YB-1.70).(YBSS-5.440)" }"="">http://service.web2cad.co.jp/pcom/7Maker-NSK_RBAInfo-nsk_rotler_bearings/self_aligning_0/cylindrical_bore_sontab.prj?varset={STAN-}_.(R00R-2316).(SD-00).(D-170).(B-58).(B-2.1).(CR1-130000).(COR1-65000).(CR2-12200).(COR2-46000).(LG-3200).(L0-4000).(DA1-91.0).(DA2-159.0).(Ra-2.0).(E-0.39).(Y2-2.5).(YB-1.60).(YB-1.70).(YBSS-5.440)</a>
hitTable	ecat_NSKAB
Oil rpm	4000
SRE	0
YB	1.7
max	1.44
ra	2
GRS rpm	3200
SREX	0.1
groove Inner	99.556
D <sub>g</sub>	159
SRIN	0
CR	45
groove outer	154.506
SREN	0
YB	1
Prod_Type3	SAB8_SA_CB
x1	1
da	91
x2	0.65
e	0.39
yob1	2316
F	2.1
NSK	1354
CAN	14.488
cyl dia	25.4
calcUrl	/BearingGuide/html/calculation.jsp