

1316 NSK calcUrl /BearingGuide/html/calculation.jsp 80x170x39mm Self aligning ball bearings

Bearing number	1316
Size (mm)	80x170x39
Brand	NSK
Bore Diameter (mm)	80
Outer Diameter (mm)	170
Width (mm)	39
d	80 mm
D	170 mm
B	39 mm
C	39 mm
r min.	2.1 mm
da min.	91 mm
Da max.	159 mm
Ca max.	2 mm
Weight	4.31 Kg
Basic dynamic load rating (C)	89 kN
Basic static load rating (C0)	33 kN
(G)rated Lubrication Speed	3 600 r/min
(G)1 Lubrication Speed	4 300 r/min
Calculation factor (e)	0.22
Calculation factor (Y0)	3.1
Calculation factor (Y2)	4.5
S1	10.83
Y2	2.9
ISO680	1316
LangID	1
PCD	126.5
D	170
Y2	4.5
SREX	8
cyl count	15
B	39
CAD	http://service.webcad.co.jp/pcom/?Maker=NSK_R6&Info=nsk_r6/roller_bearings/self_aligning_ba/cylindrical_bore_sontab.prj&varset={STAN=1, (P002=1316), (S0=0), (D=170), (D=170), (E=2.1), (CR1=80000), (CR0=13000), (CR2=1180), (CR3=1480), (LG=3600), (LG=4380), (DA1=91.0), (DA2=159.0), (RA=2.0), (E=4.22), (Y2=4.5), (Y3=2.90), (Y0=3.10), (PMS=4.200)}
h3fable	ecat_NSSAB
Oil rpm	4380
SRE	8
Y0	3.1
maxc	4.2
ra	2
GRS rpm	3600
SREX	8.88
groove inner	165.851
D_2	159
SRN	8
CA	33
groove outer	148.441
SREX	8
XB	1
Prod_Type3	SABB_SA_CB
X1	1
da	91
X2	0.65
e	0.22
y0b1	1316
F	2.1
h0b5	1316
CAng	8.187
cyl dia	20.638
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