

# 1203 NSK ra max. 0.6 mm 17x40x12mm Self aligning ball bearings

Bearing number	1203
Size (mm)	17x40x12
Brand	NSK
Bore Diameter (mm)	17
Outer Diameter (mm)	40
Width (mm)	12
d	17 mm
D	40 mm
B	12 mm
C	12 mm
r Min.	0.6 mm
da min.	21 mm
Da max.	36 mm
ra max.	0.6 mm
Weight	0.072 Kg
Basic dynamic load rating (C)	8 kN
Basic static load rating (C0)	2.01 kN
(Grease) Lubrication Speed	10 000 r/min
(Oil) Lubrication Speed	20 000 r/min
Calculation factor (e)	0.31
Calculation factor (Y0)	2.1
Calculation factor (Y2)	3.1
YS	2.92
Y2	2
ISO633	1203
LangID	1
PCD	27.9
D <sub>h</sub>	40
Y2	3.1
SREX	0
cyl count	12
B	12
CAD	<a href="http://service.web2cad.co.jp/pcor/Maker-NSK_NB6info-nk_rb/roller_bearings/self_aligning_bbr/cylindrical_bore_asotab.prj?varset={STAM=}. (ORDER=1203). (D=17). (D=40). (B=12). (W=0.6). (CR1=8000). (CR1=2010). (CR2=815). (CR2=205). (LG=10000). (LG=20000). (DA1=21.0). (DA2=36.0). (RA=0.6). (E=0.31). (Y2=3.1). (Y3=2.00). (Y0=2.10). (PKSS=0.872)">http://service.web2cad.co.jp/pcor/Maker-NSK_NB6info-nk_rb/roller_bearings/self_aligning_bbr/cylindrical_bore_asotab.prj?varset={STAM=}. (ORDER=1203). (D=17). (D=40). (B=12). (W=0.6). (CR1=8000). (CR1=2010). (CR2=815). (CR2=205). (LG=10000). (LG=20000). (DA1=21.0). (DA2=36.0). (RA=0.6). (E=0.31). (Y2=3.1). (Y3=2.00). (Y0=2.10). (PKSS=0.872)</a>
hitDate	oct_N5A8
oil rpm	20000
SFE	0
Y0	2.1
maxc	0.072
ra	0.6
GRS rpm	16000
SRIx	0.83
groove inner	22.338
D <sub>h</sub>	36
SRIW	0
CB	2.01
groove outer	34.052
SREN	0
Y0	1
Prod Type3	SAB0_SA_CB
X1	1
da	21
X2	0.65
e	0.31
y0b1	1203
r	0.6
KBRG	1352
Chng	11.744
cyl dia	5.556
calc0r1	/BearingGuide/html/calculation.jsp