

# 1204 NSK 20x47x14mm D\_a 42 Self aligning ball bearings

Bearing number	1204
Size (mm)	20x47x14
Brand	NSK
Bore Diameter (mm)	20
Outer Diameter (mm)	47
Width (mm)	14
d	20 mm
D	47 mm
B	14 mm
C	14 mm
r min.	1 mm
da min.	25 mm
Da max.	42 mm
ra max.	1 mm
Weight	0.12 Kg
Basic dynamic load rating (C)	10 kN
Basic static load rating (C0)	2.61 kN
(Grease) Lubrication Speed	14 000 r/min
(Oil) Lubrication Speed	17 000 r/min
Calculation factor (a)	0.29
Calculation factor (YB)	2.3
Calculation factor (YCa)	3.4
SR1	3.33
Y3	2.2
hidfobi	1204
LongID	1
PCB	33
D_	47
Y2	3.4
SREX	0
cyl count	12
B_	14
CAD	<a href="http://service.web2cad.co.jp/pcon/Maker-NSK_R86Info-nsk_rb/roller_bearings/self_aligning_bh/cylindrical_bore_assttab.prj?varset=(STAN-), (ORDER=1204), (SD=20), (D=47), (B=14), (R=1.0), (CR1=10000), (CR1=2010), (CR2=1020), (CR2=206), (LG=14000), (LD=17000), (DA1=25.0), (DA2=42.0), (RA=1.0), (E=0.29), (Y2=1.4), (Y3=2.20), (YB=2.30), (MSS=0.1204)">http://service.web2cad.co.jp/pcon/Maker-NSK_R86Info-nsk_rb/roller_bearings/self_aligning_bh/cylindrical_bore_assttab.prj?varset=(STAN-), (ORDER=1204), (SD=20), (D=47), (B=14), (R=1.0), (CR1=10000), (CR1=2010), (CR2=1020), (CR2=206), (LG=14000), (LD=17000), (DA1=25.0), (DA2=42.0), (RA=1.0), (E=0.29), (Y2=1.4), (Y3=2.20), (YB=2.30), (MSS=0.1204)</a>
hidfTable	ecat_NSAB
Oil rpm	17000
SRE	0
YB	2.3
Mass	0.12
ra	1
GRS rpm	14000
SR1x	0.84
groove inner	26.644
D_a	42
SR1W	0
CB	2.61
groove outer	39.955
SREN	0
XB	1
Prod_Type3	SAB8_SA_CB
X1	1
da	25
X2	0.65
e	0.29
ydb1	1204
r	1
KBRG	1352
CAng	10.892
cyl dia	0.35
calcort	/bearingguide/html/calculation.jsp