

# 1303 NSK 17x47x14mm da 22

## Self aligning ball bearings

Bearing number	1303
Size (mm)	17x47x14
Brand	NSK
Bore Diameter (mm)	17
Outer Diameter (mm)	47
Width (mm)	14
d	17 mm
D	47 mm
B	14 mm
C	14 mm
r min.	1 mm
da min.	22 mm
da max.	42 mm
ra max.	1 mm
Weight	0.13 Kg
Basic dynamic load rating (C)	12.7 kN
Basic static load rating (C0)	3.2 kN
(Grease) Lubrication Speed	14 000 r/min
(Oil) Lubrication Speed	17 000 r/min
Calculation factor (a)	0.32
Calculation factor (Y0)	2.1
Calculation factor (Y2)	3.1
SR1	3.75
Y3	2
hidf0b1	1303
LongID	1
PCB	31.5
D1	47
Y2	3.1
SREN	0
cyl count	11
B	14
CAD	<a href="http://service.web2cad.co.jp/pcon/Make-NSK_R&amp;Info=nsk_rb/roller_bearings/self_aligning_bh/cylindrical_bore_asstb.prj&amp;varset=(S100~);(O00E0~1303);(S0~17);(D~47);(B~14);(B~1.0);(CR1~12700);(CR1~1200);(CR2~1300);(CR2~125);(LG~14000);(LD~17000);(DA1~22.0);(DA2~42.0);(RA~1.0);(E~0.32);(Y2~3.1);(Y3~2.00);(Y0~2.10);(MA55~0.1303)">http://service.web2cad.co.jp/pcon/Make-NSK_R&amp;Info=nsk_rb/roller_bearings/self_aligning_bh/cylindrical_bore_asstb.prj&amp;varset=(S100~);(O00E0~1303);(S0~17);(D~47);(B~14);(B~1.0);(CR1~12700);(CR1~1200);(CR2~1300);(CR2~125);(LG~14000);(LD~17000);(DA1~22.0);(DA2~42.0);(RA~1.0);(E~0.32);(Y2~3.1);(Y3~2.00);(Y0~2.10);(MA55~0.1303)</a>
hidfTable	ecat_NSKAB
DL1_rpm	17000
SRE	0
Y0	2.1
mass	0.13
ra	1
GRS_rpm	14000
SR1x	0.64
groove inner	24.348
D_g	42
SR1W	0
C0	3.2
groove outer	39.338
SREN	0
X0	1
Prod_Type3	SAB0_SA_CB
X1	1
da	22
X2	0.65
e	0.32
y0b1	1303
r	1
KBRG	1352
CAng	11.921
cyl dia	7.144
calc0r1	/BearingGuide/html/calculation.jsp