

# 2303 NSK 17x47x19mm X1 1 Self aligning ball bearings

Bearing number	2303
Size (mm)	17x47x19
Brand	NSK
Bore Diameter (mm)	17
Outer Diameter (mm)	47
Width (mm)	19
d	17 mm
D	47 mm
B	19 mm
C	19 mm
r min.	3 mm
da min.	22 mm
Da max.	42 mm
ra max.	1 mm
Weight	0.15 Kg
Basic dynamic load rating (C)	14.7 kN
Basic static load rating (C0)	3.55 kN
(Grease) Lubrication Speed	13 000 r/min
(Oil) Lubrication Speed	16 000 r/min
Calculation factor (a)	0.51
Calculation factor (YB)	1.3
Calculation factor (YCa)	1.9
SR1	4.17
Y3	1.2
hidfoBa	2303
LongID	1
PCB	31.3
D <sub>c</sub>	47
Y2	1.9
SREX	0
cyl count	10
B	19
CAD	<a href="http://service.web2cad.co.jp/pcon/Make-NSK_R8Info=nsk_rb/roller_bearings/self_aligning_bh/cylindrical_bore_assttab.prj?varset=(STAN-), (ORDER=2303), (SD=17), (D=47), (B=19), (R=1.0), (CR1=14700), (COR1=3550), (CR2=1500), (COR2=365), (LG=13000), (LD=16000), (DA1=22.0), (DA2=42.0), (RA=1.0), (E=0.51), (Y2=1.9), (Y3=1.20), (YB=1.30), (MSS=0.150)">http://service.web2cad.co.jp/pcon/Make-NSK_R8Info=nsk_rb/roller_bearings/self_aligning_bh/cylindrical_bore_assttab.prj?varset=(STAN-), (ORDER=2303), (SD=17), (D=47), (B=19), (R=1.0), (CR1=14700), (COR1=3550), (CR2=1500), (COR2=365), (LG=13000), (LD=16000), (DA1=22.0), (DA2=42.0), (RA=1.0), (E=0.51), (Y2=1.9), (Y3=1.20), (YB=1.30), (MSS=0.150)</a>
hidfTable	ecat_NSKAB
Oil rpm	16000
SRE	0
YB	1.3
Mass	0.15
ra	1
GRS rpm	13000
SR1x	0.64
groove liner	23.34
D <sub>ca</sub>	42
SR1W	0
CB	3.55
groove outer	41.016
SREN	0
XB	1
Prod_Type3	SABB_SA_CB
X1	1
da	22
X2	0.65
e	0.51
ydb1	2303
r	1
KBRG	1354
CAnG	18.873
cyl dia	7.938
calcort	/bearingguide/html/calculation.jsp