

# 2304 NSK r 1.1 20x52x21mm Self aligning ball bearings

Bearing number	2304
Size (mm)	20x52x21
Brand	NSK
Bore diameter (mm)	20
Outer diameter (mm)	52
Width (mm)	21
d	20 mm
D	52 mm
B	21 mm
C	21 mm
r min.	1.1 mm
da min.	26.5 mm
Da max.	45.5 mm
ra max.	1 mm
Weight	0.193 kg
Basic dynamic load rating (C)	18.5 kN
Basic static load rating (C0)	4.7 kN
(Grease) Lubrication Speed	11 000 r/min
(Oil) Lubrication Speed	14 000 r/min
Calculation factor (a)	0.5
Calculation factor (YB)	1.3
Calculation factor (YCa)	1.9
SR1	4.58
Y3	1.2
hidfobi	2304
LongID	1
PCB	35.1
D <sub>1</sub>	52
Y2	1.9
SREX	0
cyl count	11
B	21
CAD	<a href="http://service.web2cad.co.jp/pcor/Make-NSK_R86Info-nsk_rb/roller_bearings/self_aligning_bh/cylindrical_bore_assttab.prj?varset=(STAN-), (ORDER=2304), (SD=20), (D=52), (B=21), (R=1.1), (CR1=18500), (CR1=4700), (CR2=1800), (CR2=480), (LG=11000), (LD=14000), (DA1=26.5), (DA2=45.5), (RA=1.0), (E=0.50), (Y2=1.9), (Y3=1.20), (YB=1.30), (MASS=0.193)">http://service.web2cad.co.jp/pcor/Make-NSK_R86Info-nsk_rb/roller_bearings/self_aligning_bh/cylindrical_bore_assttab.prj?varset=(STAN-), (ORDER=2304), (SD=20), (D=52), (B=21), (R=1.1), (CR1=18500), (CR1=4700), (CR2=1800), (CR2=480), (LG=11000), (LD=14000), (DA1=26.5), (DA2=45.5), (RA=1.0), (E=0.50), (Y2=1.9), (Y3=1.20), (YB=1.30), (MASS=0.193)</a>
hidfTable	ecat_NSKAB
Oil rpm	14000
SRE	0
YB	1.3
mass	0.193
ra	1
GRS rpm	11000
SR1x	0.84
groove liner	26.347
D <sub>2</sub>	45.5
SR1W	0
C0	4.7
groove outer	45.761
SREN	0
XB	1
Prod_Type3	SABB_SA_CB
X1	1
da	26.5
X2	0.65
e	0.5
ydb1	2304
r	1.1
KBRG	1354
CAnG	18.582
cyl dia	8.731
calcort	/bearingguide/html/calculation.jsp