

# 2307 NSK SRE 0 35x80x31mm

## Self aligning ball bearings

Bearing number	2307
Size (mm)	35x80x31
Brand	NSK
Bore diameter (mm)	35
Outer diameter (mm)	80
Width (mm)	31
d	35 mm
D	80 mm
B	31 mm
C	31 mm
r min.	1.5 mm
da min.	43 mm
Da max.	72 mm
ra max.	1.5 mm
Weight	0.642 kg
Basic dynamic load rating (C)	40 kN
Basic static load rating (C0)	11.3 kN
(Grease) Lubrication Speed	7 100 r/min
(Oil) Lubrication Speed	9 000 r/min
Calculation factor (a)	0.46
Calculation factor (YB)	1.4
Calculation factor (YCa)	2.1
SR1	7.88
Y3	1.4
hidfobi	2307
LongID	1
PCB	36.3
D <sub>1</sub>	80
Y2	2.1
SREX	0
cyl count	11
B <sub>1</sub>	31
CAD	<a href="http://service.web2cad.co.jp/pcon/Make-NSK_R8Info-nsk_rb/roller_bearings/self_aligning_b/cylindrical_bore_asstb.prj?varset=(STAN-), (ORDER=2307), (SD=35), (D=80), (B=31), (B=1.5), (CR1=60000), (CR1=11300), (CR2=4100), (CR2=1150), (LG=7100), (LO=9000), (DA1=43.0), (DA2=72.0), (RA=1.5), (E=0.46), (Y2=2.1), (Y3=1.40), (YB=1.40), (MASS=0.642)">http://service.web2cad.co.jp/pcon/Make-NSK_R8Info-nsk_rb/roller_bearings/self_aligning_b/cylindrical_bore_asstb.prj?varset=(STAN-), (ORDER=2307), (SD=35), (D=80), (B=31), (B=1.5), (CR1=60000), (CR1=11300), (CR2=4100), (CR2=1150), (LG=7100), (LO=9000), (DA1=43.0), (DA2=72.0), (RA=1.5), (E=0.46), (Y2=2.1), (Y3=1.40), (YB=1.40), (MASS=0.642)</a>
hidfTable	ecat_NSAB
d11 rpm	9000
SRE	0
YB	1.4
mass	0.642
ra	1.5
GRS rpm	7100
SR1x	0.05
groove inner	42.775
D <sub>2</sub>	72
SR1W	0
CB	11.3
groove outer	72.363
SREN	0
XB	1
Prod_Type3	SAB8_SA_CB
X1	1
da	43
X2	0.65
e	0.46
ydb1	2307
r	1.5
KBRG	1354
CAng	16.988
cyl dia	13.494
calcort	/bearingguide/html/calculation.jsp