

2309 NSK 45x100x36mm PCD 71.9 Self aligning ball bearings

Bearing number	2309
Size (mm)	45x100x36
Brand	NSK
Bore Diameter (mm)	45
Outer Diameter (mm)	100
Width (mm)	36
d	45 mm
D	100 mm
B	36 mm
C	36 mm
r min.	1.5 mm
da min.	53 mm
Da max.	92 mm
ra max.	1.5 mm
Weight	1.2 kg
Basic dynamic load rating (C)	55 kN
Basic static load rating (C0)	16.7 kN
(Grease) Lubrication Speed	5 600 r/min
(Oil) Lubrication Speed	7 100 r/min
Calculation factor (a1)	0.41
Calculation factor (YB)	1.6
Calculation factor (Y2)	2.4
SR1	0.33
Y3	1.5
hidf001	2309
LongID	1
PCD	71.9
D _o	100
Y2	2.4
SRE1	0
cyl count	12
B	36
CAD	http://service.webcad.co.jp/pcom/?Maker=NSK_R&Info=nsk_rb/roller_bearings/self_aligning_bb/cylindrical_bore_xmtab.prj&varset={STAB=1, {ORDER=2309}, {D=45}, {D=100}, {B=36}, {R=1.5}, {CR1=55000}, {CR2=5600}, {CR3=1700}, {CR4=1700}, {L6=5600}, {L10=7100}, {DA1=53.0}, {DA2=92.0}, {R6=1.5}, {E=0.41}, {Y2=2.4}, {Y3=1.50}, {YB=1.60}, {MASS=1.200}}
hidf001e	ecat_M05AB
Q11 rpm	7100
SRE	0
YB	1.6
mass	1.2
ra	1.5
GRS rpm	5600
SR1X	0.065
groove liner	55.994
D _o	92
SR1N	0
CB	16.7
groove outer	90.452
SREN	0
XB	1
Prod_Type2	SABR_SA_CB
X1	1
da	53
X2	0.65
e	0.41
hidf	2309
r	1.5
MBS	1354
Cd0	15.397
cyl dia	25.875
calc001	/bearingGuide/ntn/calculation.jsp