

# 1209 NSK groove outer 74.551 45x85x19mm Self aligning ball bearings

Bearing number	1209
Size (mm)	45x85x19
Brand	NSK
Bore Diameter (mm)	45
Outer Diameter (mm)	85
Width (mm)	19
d	45 mm
D	85 mm
B	19 mm
C	19 mm
r Min.	1.1 mm
da min.	51.5 mm
Da max.	78.5 mm
ra max.	1 mm
Weight	0.465 Kg
Basic dynamic load rating (C)	22 kN
Basic static load rating (C0)	7.35 kN
(Grease) Lubrication Speed	7 180 r/min
(Oil) Lubrication Speed	8 580 r/min
Calculation factor (e)	0.21
Calculation factor (Y0)	3.1
Calculation factor (Y2)	4.7
Y0	5
Y2	3
hidf001	1209
LangID	1
PCD	64.4
D <sub>a</sub>	85
Y2	4.7
SREX	0
cyl count	16
B	19
CS	<a href="http://service.web2cad.co.jp/pcsm/Make-NSK_NB6info-mk_rb/roller_bearings/self_aligning_bb/cylindrical_bore_assttab.prj?varset={STAB=}. (1000A-1209). (D=45). (B=19). (W=1.1). (CR1=22000). (CR1=7350). (CR2=2240). (CR2=750). (LG=7100). (LO=8500). (DA1=51.5). (DA2=78.5). (RA=1.0). (E=0.21). (Y2=4.7). (Y3=3.00). (Y0=3.10). (PKS5=0.465)">http://service.web2cad.co.jp/pcsm/Make-NSK_NB6info-mk_rb/roller_bearings/self_aligning_bb/cylindrical_bore_assttab.prj?varset={STAB=}. (1000A-1209). (D=45). (B=19). (W=1.1). (CR1=22000). (CR1=7350). (CR2=2240). (CR2=750). (LG=7100). (LO=8500). (DA1=51.5). (DA2=78.5). (RA=1.0). (E=0.21). (Y2=4.7). (Y3=3.00). (Y0=3.10). (PKS5=0.465)</a>
hidf001e	ecat NSKAB
oil rpm	8500
SFE	0
Y0	3.1
maxc	0.465
ra	1
GRS rpm	7180
SREX	0.04
groove inner	54.87
D <sub>a</sub>	78.5
SREN	0
CB	7.35
groove outer	74.551
SREN	0
Y0	1
Prod Type3	SAB0_SA_CB
X1	1
da	51.5
X2	0.65
e	0.21
y0b1	1209
r	1.1
KBRG	1352
Can	7.950
cyl dia	9.525
calc0r1	/BearingGuide/html/calculation.jsp