

1220NSK SRI 9.17

100x180x34mm Self aligning

ball bearings

Bearing number	1220
Size (mm)	100x180x34
Brand	NSK
Bore Diameter (mm)	100
Outer Diameter (mm)	180
Width (mm)	34
d	100 mm
D	180 mm
B	34 mm
C	34 mm
r min.	2.1 mm
Da min.	111 mm
Da max.	109 mm
ra max.	2 mm
Weight	3.82 Kg
Basic dynamic load rating (C)	69.5 kN
Basic static load rating (C0)	29.7 kN
(Grease) Lubrication Speed	3 200 r/min
(Oil) Lubrication Speed	3 800 r/min
Calculation factor (e)	0.17
Calculation factor (Y0)	3.8
Calculation factor (Y2)	5.6
SRI	0.17
Y3	3.6
hdfvbs	1220
Limfbs	1
PCB	140.5
D	180
Y2	5.6
SRIx	0
cyl count	28
B	34
CAD	http://service.web2cad.co.jp/pcm/7Maker-NSK_HB&info=nsk_rb/roller_bearings/self_aligning_bbr/cylindrical_bore_assttab.prj&varset={STAB= J. (ORDER=1220). (SD=100). (D=180). (B=34). (R=2.1). (CR1=69500). (CR1=20700). (CR2=7100). (CR2=3050). (LG=3200). (LD=3000). (DA1=111.0). (DA2=109.0). (Ra=2.0). (E=0.17). (Y2=5.6). (Y3=3.60). (Y0=3.80). (PMSS=3.7000) }
hdfTable	ecat_N55AB
DLT rpm	3000
SRI	0
Y0	3.8
mass	3.7
ra	2
GRS rpm	3200
SRIx	0.065
groove inner	123.032
D 2	109
SRIW	0
CB	20.7
groove outer	158.093
SREN	0
XB	1
Prod_Type2	S400_SA_CB
X1	1
da	111
X2	0.05
e	0.17
ydbi	1220
r	2.1
KBRG	1352
C&G	6.577
cyl dia	17.462
calc01r1	/bearingguide/html/calculation.jsp