

1210 NSK 50x90x20mm calcUrl /BearingGuide/html/calculation.jsp Self aligning ball bearings

Bearing number	1210
Size (mm)	50x90x20
Brand	NSK
Bore Diameter (mm)	50
Outer Diameter (mm)	90
Width (mm)	20
d	50 mm
D	90 mm
B	20 mm
C	20 mm
r min.	1.1 mm
da min.	56.5 mm
Da max.	83.5 mm
ra max.	1 mm
Weight	0.325 Kg
Basic dynamic load rating (C)	22.8 kN
Basic static load rating (C0)	8.1 kN
(Grease) Lubrication Speed	6 300 r/min
(Oil) Lubrication Speed	8 000 r/min
Calculation factor (a)	0.21
Calculation factor (YB)	3.2
Calculation factor (Y2)	4.7
SRI	5
Y3	3.1
hiOffSet	1210
LangID	1
PCD	69.4
D ₁	90
Y2	4.7
SRIx	0
cyl count	18
B	20
CAD	http://service.web2cad.co.jp/pcon/7Maker-NSK_RBInfo-nsk_rb/roller_bearings/self_aligning_ba/cylindrical_bore_assttab.prj?varset={STAB=}, {ORDER=1210}, {SD=50}, {D=90}, {B=20}, {R=1.1}, {CR1=22800}, {COR1=8100}, {CR2=2330}, {COR2=830}, {LG=6300}, {LO=8000}, {DA1=56.5}, {DA2=83.5}, {RA=1.0}, {E=0.21}, {Y2=4.7}, {Y3=3.10}, {YB=3.20}, {MSS=0.325}
hiOffSet	ecat_NCSAB
Oil rpm	8000
SRI	0
YB	3.2
MSS	0.325
ra	1
GRO rpm	6300
SRIx	0.04
groove inner	59.87
D ₁	83.5
SRIy	0
C0	8.1
groove outer	79.572
SRIy	0
XB	1
Prod_Type3	SAB0_SA_CB
X1	1
da	56.5
X2	0.65
e	0.21
yOff	1210
r	1.1
KBRG	1352
CAnq	7.795
cyl dia	0.325
calcUrl	/BearingGuide/html/calculation.jsp