

1222 NSK 110x200x38mm mass

5.2 Self aligning ball

bearings

Bearing number	1222
Size (mm)	110x200x38
Brand	NSK
Bore Diameter (mm)	110
Outer Diameter (mm)	200
Width (mm)	38
d	110 mm
D	200 mm
B	38 mm
C	38 mm
r min.	2.1 mm
da min.	121 mm
Da max.	189 mm
ra max.	2 mm
Weight	5.33 Kg
Basic dynamic load rating (C)	87 kN
Basic static load rating (C0)	38.5 kN
(Grease) Lubrication Speed (G1)	2 800 r/min
(Oil) Lubrication Speed (G1)	3 400 r/min
Calculation factor (e)	0.17
Calculation factor (Y0)	3.9
Calculation factor (Y2)	5.7
SR1	10.72
Y3	3.7
hidf0b1	1222
LongDB	1
PCB	156
D1	200
Y2	5.7
SREX	0
cyl count	28
B	38
CAD	http://service.web2cad.co.jp/pcm/7Maker-NSK_HB&info=nsk_rb/roller_bearings/self_aligning_ba/cylindrical_bore_assttab.prj&varset={STAB= J. (ORDER=1222). (SD=110). (D=200). (B=38). (R=2.1). (CR1=87000). (C0R1=38500). (CR2=8900). (C0R2=3950). (LG=2800). (LD=3400). (DA1=121.0). (DA2=189.0). (Ra=2.0). (E=0.17). (Y2=5.7). (Y3=3.70). (Y0=3.90). (PMAS)=5.200}
hidfTable	ecat_N55AB
G11 rpm	3400
SRE	0
Y0	3.9
mass	5.2
ra	2
G15 rpm	2800
SREX	0.88
groove inner	136.145
D 2	189
SR2N	0
CB	38.5
groove outer	176.856
SREN	0
XB	1
Prod_Type2	S400_SA_CB
X1	1
da	121
X2	0.65
e	0.17
ydb1	1222
r	2.1
KBRG	1352
C&B	6.509
cyl dia	10.844
calc01r1	/bearingguide/html/calculation.jsp