



## Bearing Electronic Instrument Co., Ltd.



HR33011J Bearing 2D drawings and 3D CAD models

### NSK HR33011J tapered roller bearings

Bearing No. HR33011J

Size	55x90x27 mm
Bore Diameter	55 mm
Outer Diameter	90 mm
Width	27 mm
d	55 mm
D	90 mm
T	27 mm
B	27 mm
C	21 mm
a	19,2 mm
r min.	1,5 mm
r1 min.	1,5 mm
da min.	66 mm
Da min	80 mm
Da max.	81 mm
db max.	62 mm
Db min.	86 mm
ra max.	1,5 mm
rb max.	1,5 mm
Weight	0,657 Kg
Basic dynamic load rating (C)	91,5 kN
Basic static load rating (C0)	138 kN
(Grease) Lubrication Speed	3800 r/min
(Oil) Lubrication Speed	5300 r/min
Calculation factor (e)	0,31
Calculation factor (Y0)	1,1



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LangID	1
outer r	1.5
D_	90
TC-BET22	20
TC-BET21	2
TC-BET23	0
inner r	1.5
mass	0.657
GRS rpm	3800
D_b	86
Cr	9300
TC-RA	209
DE_	81.024
T-ALP23	0
db	62
T-ALP22	30
Prod_Type3	TRBSR_MD_A
da	66
T-ALP21	23
Iso	2CE
ALPHA_	11.75
SDM_	73.092
SBRG	30
D_a2	80
hidYobi	HR33011J
Y1	1.9
D_a1	81
B_	27
hidTable	ecat_NSTPRM
Oil rpm	5300
C0r	14000
Y0	1.1



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TC-SLR	19.5
inner ra	1.5
outer rb	1.5
C0	138
Sa	5
Sb	6
e	0.31
DA_	8.115
Z_	24
C_	21
yobi	HR33011J
TC-DA1	8.511
TC-DA2	7.718
KBRG	3111
DI_	65.16