



# Zaozhuang Yiding Bearing Co., Ltd.



70 mm x 110 mm x 31 mm NSK HR33014J tapered roller bearings

Bearing No. HR33014J

HR33014J Bearing 2D drawings and 3D CAD models

Size	70x110x31 mm
Bore Diameter	70 mm
Outer Diameter	110 mm
Width	31 mm
d	70 mm
D	110 mm
T	31 mm
B	31 mm
C	25,5 mm
a	22,2 mm
r min.	1,5 mm
r1 min.	1,5 mm
da min.	81 mm
Da min	100 mm
Da max.	101 mm
db max.	78 mm
Db min.	105 mm
ra max.	1,5 mm
rb max.	1,5 mm
Weight	1,11 Kg
Basic dynamic load rating (C)	127 kN
Basic static load rating (C0)	204 kN
(Grease) Lubrication Speed	3000 r/min
(Oil) Lubrication Speed	4300 r/min
Calculation factor (e)	0,28



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Calculation factor (Y0)	1,2
LangID	1
outer r	1.5
D_	110
TC-BET22	0
TC-BET21	2
TC-BET23	0
inner r	1.5
mass	1.11
GRS rpm	3000
D_b	105
Cr	12900
TC-RA	278.987
DE_	99.863
T-ALP23	0
db	78
T-ALP22	30
Prod_Type3	TRBSR_MD_A
da	81
T-ALP21	21
Iso	2CE
ALPHA_	10.75
SDM_	90.628
SBRG	30
D_a2	100
hidYobi	HR33014J
Y1	2.1
D_a1	101
B_	31
hidTable	ecat_NSTPRM
Oil rpm	4300
C0r	20800



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Y0	1.2
TC-SLR	22.7
inner ra	1.5
outer rb	1.5
C0	204
Sa	5
Sb	5.5
e	0.28
DA_	9.343
Z_	26
C_	25.5
yobi	HR33014J
TC-DA1	9.738
TC-DA2	8.947
KBRG	3111
DI_	81.392