



# Bearings International Co., Ltd



## NSK HR33015J tapered roller bearings

Bearing No. HR33015J

Size	75x115x31 mm
Bore Diameter	75 mm
Outer Diameter	115 mm
Width	31 mm
d	75 mm
D	115 mm
T	31 mm
B	31 mm
C	25,5 mm
a	23 mm
r min.	1,5 mm
r1 min.	1,5 mm
da min.	86 mm
Da min	104 mm
Da max.	106 mm
db max.	83 mm
Db min.	110 mm
ra max.	1,5 mm
rb max.	1,5 mm
Weight	1,18 Kg
Basic dynamic load rating (C)	133 kN
Basic static load rating (C0)	220 kN
(Grease) Lubrication Speed	3000 r/min
(Oil) Lubrication Speed	4000 r/min
Calculation factor (e)	0,3
Calculation factor (Y0)	1,1

HR33015J Bearing 2D drawings and 3D CAD models



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LangID	1
outer r	1.5
D_	115
TC-BET22	0
TC-BET21	2
TC-BET23	0
inner r	1.5
mass	1.18
GRS rpm	3000
D_b	110
Cr	13500
TC-RA	278.987
DE_	104.473
T-ALP23	0
db	83
T-ALP22	30
Prod_Type3	TRBSR_MD_A
da	86
T-ALP21	22
Iso	2CE
ALPHA_	11.25
SDM_	95.238
SBRG	30
D_a2	104
hidYobi	HR33015J
Y1	2
D_a1	106
B_	31
hidTable	ecat_NSTPRM
Oil rpm	4000
C0r	22500
Y0	1.1



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TC-SLR	22.7
inner ra	1.5
outer rb	1.5
C0	220
Sa	6
Sb	5.5
e	0.3
DA_	9.343
Z_	28
C_	25.5
yobi	HR33015J
TC-DA1	9.738
TC-DA2	8.947
KBRG	3111
DI_	86.002