



## NTN Bearing Driveshaft do Brasil



105 mm x 190 mm x 36 mm 105 mm x 190 mm  
x 36 mm NSK HR30221J tapered roller bearings

Bearing No. HR30221J

HR30221J Bearing 2D drawings and 3D CAD models

Size	105x190x39 mm
Bore Diameter	105 mm
Outer Diameter	190 mm
Width	39 mm
d	105 mm
D	190 mm
T	39 mm
B	36 mm
C	30 mm
a	38,1 mm
r min.	3 mm
r1 min.	2,5 mm
da min.	123 mm
Da min	166 mm
Da max.	178 mm
db max.	123 mm
Db min.	177 mm
ra max.	2,5 mm
rb max.	2 mm
Weight	4,51 Kg
Basic dynamic load rating (C)	280 kN
Basic static load rating (C0)	365 kN
(Grease) Lubrication Speed	1900 r/min
(Oil) Lubrication Speed	2600 r/min
Calculation factor (e)	0,42



## NTN Bearing Driveshaft do Brasil

Calculation factor (Y0)	0,79
LangID	1
outer r	2.5
D_	190
TC-BET22	0
TC-BET21	4
TC-BET23	0
inner r	3
mass	4.51
GRS rpm	1900
D_b	177
Cr	28500
TC-RA	324
DE_	168.195
T-ALP23	4
db	123
T-ALP22	17
Prod_Type3	TRBSR_MD_A
da	123
T-ALP21	31
Iso	3FB
ALPHA_	15.643
SDM_	146.92
SBRG	2
D_a2	166
hidYobi	HR30221J
Y1	1.4
D_a1	178
B_	36
hidTable	ecat_NSTPRM
Oil rpm	2600
C0r	37500



## NTN Bearing Driveshaft do Brasil

Y0	0.79
TC-SLR	25
inner ra	2.5
outer rb	2
C0	365
Sa	6
Sb	9
e	0.42
DA_	21.748
Z_	20
C_	30
yobi	HR30221J
TC-DA1	22.613
TC-DA2	20.883
KBRG	3111
DI_	125.645