



# Bearing Power Machinery Co., Ltd.



## NSK HR30314J tapered roller bearings

Bearing No. HR30314J

Size	70x150x38 mm
Bore Diameter	70 mm
Outer Diameter	150 mm
Width	38 mm
d	70 mm
D	150 mm
T	38 mm
B	35 mm
C	30 mm
a	29,7 mm
r min.	3 mm
r1 min.	2,5 mm
da min.	88 mm
Da min	132 mm
Da max.	138 mm
db max.	89 mm
Db min.	140 mm
ra max.	2,5 mm
rb max.	2 mm
Weight	3,03 Kg
Basic dynamic load rating (C)	227 kN
Basic static load rating (C0)	268 kN
(Grease) Lubrication Speed	2400 r/min
(Oil) Lubrication Speed	3400 r/min
Calculation factor (e)	0,35
Calculation factor (Y0)	0,96

HR30314J Bearing 2D drawings and 3D CAD models



## Bearing Power Machinery Co., Ltd.

Category	Bearings
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0
Product Group	B04334
LangID	1
outer r	2.5
D_	150
TC-BET22	0
TC-BET21	4
TC-BET23	0
inner r	3
mass	3.03
GRS rpm	2400
D_b	140
Cr	23200
TC-RA	306.794
DE_	132.144
T-ALP23	20
db	89
T-ALP22	54
Prod_Type3	TRBSR_MD_A
da	88
T-ALP21	25
Iso	2GB
ALPHA_	12.953
SDM_	111.863
SBRG	3
D_a2	132
hidYobi	HR30314J
Y1	1.7



## Bearing Power Machinery Co., Ltd.

D_a1	138
B_	35
hidTable	ecat_NSTPRM
Oil rpm	3400
C0r	27400
Y0	0.96
TC-SLR	25
inner ra	2.5
outer rb	2
C0	268
Sa	4
Sb	8
e	0.35
DA_	20.547
Z_	16
C_	30
yobi	HR30314J
TC-DA1	21.412
TC-DA2	19.681
KBRG	3111
DI_	91.582