



# SKF BEARING MANUFACTURING CO.,LTD.



## 55 mm x 120 mm x 29 mm NSK HR30311J tapered roller bearings

Bearing No. HR30311J

HR30311J Bearing 2D drawings and 3D CAD models

Size	55x120x31.5 mm
Bore Diameter	55 mm
Outer Diameter	120 mm
Width	31,5 mm
d	55 mm
D	120 mm
T	31,5 mm
B	29 mm
C	25 mm
a	24,6 mm
r min.	2,5 mm
r1 min.	2 mm
da min.	70 mm
Da min	104 mm
Da max.	110 mm
db max.	71 mm
Db min.	111 mm
ra max.	2 mm
rb max.	2 mm
Weight	1,63 Kg
Basic dynamic load rating (C)	150 kN
Basic static load rating (C0)	171 kN
(Grease) Lubrication Speed	3200 r/min
(Oil) Lubrication Speed	4300 r/min
Calculation factor (e)	0,35



## SKF BEARING MANUFACTURING CO.,LTD.

Calculation factor (Y0)	0,96
Category	Bearings
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0
Product Group	B04334
LangID	1
outer r	2
D_	120
TC-BET22	0
TC-BET21	4
TC-BET23	0
inner r	2.5
mass	1.63
GRS rpm	3200
D_b	111
Cr	15200
TC-RA	243.995
DE_	104.896
T-ALP23	20
db	71
T-ALP22	54
Prod_Type3	TRBSR_MD_A
da	70
T-ALP21	25
Iso	2FB
ALPHA_	12.953
SDM_	88.855
SBRG	3
D_a2	104
hidYobi	HR30311J



## SKF BEARING MANUFACTURING CO.,LTD.

Y1	1.7
D_a1	110
B_	29
hidTable	ecat_NSTPRM
Oil rpm	4300
C0r	17500
Y0	0.96
TC-SLR	20
inner ra	2
outer rb	2
C0	171
Sa	4
Sb	6.5
e	0.35
DA_	16.337
Z_	16
C_	25
yobi	HR30311J
TC-DA1	17.029
TC-DA2	15.644
KBRG	3111
DI_	72.814