



SKF BEARING MANUFACTURING CO.,LTD.



55 mm x 120 mm x 29 mm NSK HR31311J tapered roller bearings

Bearing No. HR31311J

HR31311J 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	21 mm
a	37 mm
r min.	2,5 mm
r1 min.	2 mm
da min.	75 mm
Da min	94 mm
Da max.	110 mm
db max.	67 mm
Db min.	114 mm
ra max.	2 mm
rb max.	2 mm
Weight	1,58 Kg
Basic dynamic load rating (C)	131 kN
Basic static load rating (C0)	153 kN
(Grease) Lubrication Speed	2800 r/min
(Oil) Lubrication Speed	4000 r/min
Calculation factor (e)	0,83



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Calculation factor (Y0)	0,4
LangID	1
outer r	2
D_	120
TC-BET22	30
TC-BET21	8
TC-BET23	0
inner r	2.5
mass	1.58
GRS rpm	2800
D_b	114
Cr	13400
TC-RA	114.01
DE_	101.113
T-ALP23	18
db	67
T-ALP22	37
Prod_Type3	TRBSR_MD_A
da	75
T-ALP21	57
Iso	7FB
ALPHA_	28.811
SDM_	86.529
SBRG	3
D_a2	94
hidYobi	HR31311J
Y1	0.73
D_a1	110
B_	29
hidTable	ecat_NSTPRM
Oil rpm	4000
C0r	15600



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Y0	0.4
TC-SLR	20.5
inner ra	2
outer rb	2
C0	153
Sa	4
Sb	10.5
e	0.83
DA_	15.396
Z_	16
C_	21
yobi	HR31311J
TC-DA1	16.893
TC-DA2	13.898
KBRG	3111
DI_	71.944