



Demek Bearing Group Co., Ltd.



65 mm x 140 mm x 33 mm NSK HR31313J tapered roller bearings

Bearing No. HR31313J

HR31313J Bearing 2D drawings and 3D CAD models

Size	65x140x36 mm
Bore Diameter	65 mm
Outer Diameter	140 mm
Width	36 mm
d	65 mm
D	140 mm
T	36 mm
B	33 mm
C	23 mm
a	43,2 mm
r min.	3 mm
r1 min.	2,5 mm
da min.	89 mm
Da min	111 mm
Da max.	128 mm
db max.	80 mm
Db min.	133 mm
ra max.	2,5 mm
rb max.	2 mm
Weight	2,43 Kg
Basic dynamic load rating (C)	173 kN
Basic static load rating (C0)	205 kN
(Grease) Lubrication Speed	2400 r/min
(Oil) Lubrication Speed	3400 r/min
Calculation factor (e)	0,83



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Calculation factor (Y0)	0,4
LangID	1
outer r	2.5
D_	140
TC-BET22	30
TC-BET21	8
TC-BET23	0
inner r	3
mass	2.43
GRS rpm	2400
D_b	133
Cr	17700
TC-RA	134.343
DE_	119.009
T-ALP23	18
db	80
T-ALP22	37
Prod_Type3	TRBSR_MD_A
da	89
T-ALP21	57
Iso	7GB
ALPHA_	28.811
SDM_	102.02
SBRG	3
D_a2	111
hidYobi	HR31313J
Y1	0.73
D_a1	128
B_	33
hidTable	ecat_NSTPRM
Oil rpm	3400
C0r	20900



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Y0	0.4
TC-SLR	23.5
inner ra	2.5
outer rb	2
C0	205
Sa	4
Sb	13
e	0.83
DA_	18.19
Z_	16
C_	23
yobi	HR31313J
TC-DA1	19.906
TC-DA2	16.474
KBRG	3111
DI_	85.03