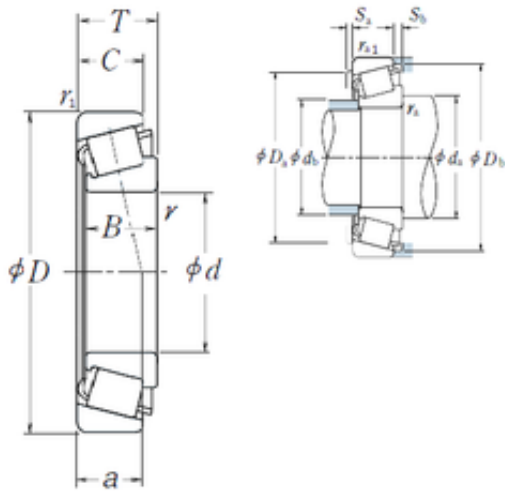




AMERICAN BEARING MFG.CORP.



90 mm x 190 mm x 43 mm NSK HR31318J tapered roller bearings

Bearing No. HR31318J

HR31318J Bearing 2D drawings and 3D CAD models

Size	90x190x46.5 mm
Bore Diameter	90 mm
Outer Diameter	190 mm
Width	46,5 mm
d	90 mm
D	190 mm
T	46,5 mm
B	43 mm
C	30 mm
a	58,6 mm
r min.	4 mm
r1 min.	3 mm
da min.	118 mm
Da min	152 mm
Da max.	176 mm
db max.	110 mm
Db min.	179 mm
ra max.	3 mm
rb max.	2,5 mm
Weight	5,52 Kg
Basic dynamic load rating (C)	264 kN
Basic static load rating (C0)	315 kN
(Grease) Lubrication Speed	1800 r/min
(Oil) Lubrication Speed	2400 r/min
Calculation factor (e)	0,83



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Calculation factor (Y0)	0,4
LangID	1
outer r	3
D_	190
TC-BET22	30
TC-BET21	8
TC-BET23	0
inner r	4
mass	5.52
GRS rpm	1800
D_b	179
Cr	26900
TC-RA	181.321
DE_	162.027
T-ALP23	18
db	110
T-ALP22	37
Prod_Type3	TRBSR_MD_A
da	118
T-ALP21	57
Iso	7GB
ALPHA_	28.811
SDM_	139.065
SBRG	3
D_a2	152
hidYobi	HR31318J
Y1	0.73
D_a1	176
B_	43
hidTable	ecat_NSTPRM
Oil rpm	2400
C0r	32000



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Y0	0.4
TC-SLR	28
inner ra	3
outer rb	2.5
C0	315
Sa	6
Sb	16.5
e	0.83
DA_	24.827
Z_	15
C_	30
yobi	HR31318J
TC-DA1	26.866
TC-DA2	22.787
KBRG	3111
DI_	116.102