



FAG BEARING LIMITED



25 mm x 50,005 mm x 14,26 mm NSK
07097/07196 tapered roller bearings

Bearing No. 07097/07196

07097/07196 Bearing 2D drawings and 3D CAD models

Size	25x50.005x13.495 mm
Bore Diameter	25 mm
Outer Diameter	50,005 mm
Width	13,495 mm
d	25 mm
D	50,005 mm
T	13,495 mm
B	14,26 mm
C	9,525 mm
ra1 max.	1 mm
a	10,6 mm
r min.	1,5 mm
r1 min.	1 mm
Da	44,5 mm
db	29 mm
ra max.	1,5 mm
da	31 mm
Db	47 mm
Weight	0,12 Kg
Basic dynamic load rating (C)	26 kN
Basic static load rating (C0)	27,9 kN
(Grease) Lubrication Speed	7500 r/min
(Oil) Lubrication Speed	10000 r/min
Calculation factor (e)	0,4
Calculation factor (Y0)	0,82



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LangID	1
ALP23	0
outer r	1
ALP22	0
D_	50.005
ALP21	30
SHOG_yobi	07097R/07196R
RAr	88.826
inner r	1.5
GRS rpm	7500
D_b	47
D_a	44.5
DE_	43.563
SLR	9.3
Prod_Type3	TRBSR_ID_A
BETA_	2
ALPHA_	15
SDM_	37.871
DA1	6.2
DA2	5.554
hidYobi	07097/07196
Y1	1.5
B_	14.26
Oil rpm	10000
hidTable	ecat_NSTPRI
Y0	0.82
inner ra	1.5
outer rb	1
C0	27.9
CUP	0.035
e	0.4
DA_	5.879



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BET21	4
BET22	0
BET23	0
Z_	16
C_	9.525
yobi	07097/07196
KBRG	3161
CONE	0.085
DI_	32.114