

07100/07196

NSK

**25.4×50.005×13.495mm hidTable
ecat_NSTPRI Tapered roller
bearings**

Bearing number	07100/07196
Size (mm)	25.4×50.005×13.495
Brand	NSK
Bore Diameter (mm)	25.4
Outer Diameter (mm)	50.005
Width (mm)	13.495
d	25.4 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 mm
r1 min.	1 mm
Da	44.5 mm
db	29.5 mm
ra max.	1 mm
da	30.5 mm
Db	47 mm
Weight	0.119 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
LangID	1
ALP23	0
outer r	1
ALP22	0
D_	50.005
ALP21	30
SHOG_yobi	07100R/07196R
RAr	88.826
inner r	1
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
calcUrl	/BearingGuide/html/calculation.jsp
DA1	6.2
DA2	5.554
hidYobi	07100/07196
Y1	1.5

B_	14.26
Oil rpm	10000
hidTable	ecat_NSTPRI
Y0	0.82
inner ra	1
outer rb	1
C0	27.9
CUP	0.035
e	0.4
DA_	5.879
BET21	4
BET22	0
BET23	0
Z_	16
C_	9.525
yobi	07100/07196
KBRG	3161
CONE	0.084
DI_	32.114