

1280/1220 NSK Calculation factor (e) 0.35

22.225×57.15×22.225mm Tapered roller bearings

Bearing number	1280/1220
Size (mm)	22.225×57.15×22.225
Brand	NSK
Bore Diameter (mm)	22.225
Outer Diameter (mm)	57.15
Width (mm)	22.225
d	22.225 mm
D	57.15 mm
T	22.225 mm
B	22.225 mm
C	17.462 mm
ra1 max.	1.5 mm
a	15.1 mm
r min.	0.8 mm
r1 min.	1.5 mm
Da	49 mm
db	29 mm
ra max.	0.8 mm
da	29.5 mm
Db	52 mm
Weight	0.289 Kg
Basic dynamic load rating (C)	48 kN

Basic static load rating (C0)	50 kN
(Grease) Lubrication Speed	7100 r/min
(Oil) Lubrication Speed	9500 r/min
Calculation factor (e)	0.35
Calculation factor (Y0)	0.95
LangID	1
ALP23	0
outer r	1.5
ALP22	2
D_	57.15
ALP21	26
SHOG_yobi	1280/1220
RAr	112.603
inner r	0.8
GRS rpm	7100
D_b	52
D_a	49
DE_	47.603
SLR	14.5
Prod_Type3	TRBSR_ID_A
BETA_	2
ALPHA_	13
SDM_	40.086
calcUrl	/BearingGuide/html/calculation.jsp
DA1	8.514
DA2	7.423
hidYobi	1280/1220
Y1	1.7

B_	22.225
Oil rpm	9500
hidTable	ecat_NSTPRI
Y0	0.95
inner ra	0.8
outer rb	1.5
C0	50
CUP	0.106
e	0.35
DA_	8.069
BET21	4
BET22	20
BET23	0
Z_	13
C_	17.462
yobi	1280/1220
KBRG	3161
CONE	0.183
DI_	32.114