

# 21320CKE4 NSK 100x215x47mm TSR rpm 3400 Spherical roller bearings

Bearing number	21320CKE4
Size (mm)	100x215x47
Brand	NSK
Bore	
Diameter (mm)	100
Outer Diameter (mm)	215
Width (mm)	47
d	100 mm
D	215 mm
B	47 mm
C	47 mm
r min	3 mm
d <sub>a</sub> min	114 mm
d <sub>a</sub> max	115 mm
D <sub>a</sub> min	184 mm
D <sub>a</sub> max	185 mm
r <sub>a</sub> max	2.5 mm
Weight	8.46 kg
Basic dynamic load rating (C)	365 kN
Basic static load rating (C0)	485 kN
UTM speed	1400 r/min
Lubrication speed	1900 r/min
Calculation factor (a)	0.21
Calculation factor (Y0)	3.1
Calculation factor (Y2)	4.7
Y3	3.2
ISO9001	21320CKE4
LangID	1
T1	3.1
S <sub>c</sub>	215
Y2	4.7
Mach. rpm	8
S <sub>c</sub>	47
URL	<a href="https://services.wb2ad.co.jp/pcom/maker_login.php?maker=NSK_R&amp;language=j&amp;info=nsk_rb/roller_bearings/spherical_rb/tapered_bore_ustab.prj&amp;viewer=ST&amp;w=1...">https://services.wb2ad.co.jp/pcom/maker_login.php?maker=NSK_R&amp;language=j&amp;info=nsk_rb/roller_bearings/spherical_rb/tapered_bore_ustab.prj&amp;viewer=ST&amp;w=1... (R02E)=21320CKE4 (D0=100) (D=115) (B=7.6) (B=3.6) (CR=495008) (CR0=495008) (L=3400) (L0=4500) (L1=1400) (L2=1000) (DA3=114) (DA2=47) (DA3=215) (DA4=184) (RA=2.5) (R=0.21) (Y0=3.1) (Y2=3.1) (Y3=3.1) (PMS)=8.46</a>
d <sub>a</sub> min	114
ISO9001	ecat_N5PWR
ISO 1 rpm	1000
Y0	3.1
max	8.46
ISO rpm	1400
r <sub>a</sub>	2.5
TSR rpm	3400
ISO	400
ISO	187, 122
X0	1
Prod_Type3	988_C16_TB
X1	1
X2	0.67
SNR	17
α	0.21
DA	26
Temp	21320CKE4
Z	16
ALP1	5
ALP1	8
ALP1	8
D <sub>a</sub> min	114
D <sub>a</sub> min	184
Y0B1	21320CKE4
ALP0B1	0.141
S0B1	161, 101
r	3
S0B0	2122
S0B0	3
D1	135, 630
calcURL	/bearingGuide/WEB/calculation.jsp