

# 24144CK30E4 NSK 220x370x150mm Y3 1.7 Spherical roller bearings

Bearing number	24144CK30E4
Size (mm)	220x370x150
Brand	NSK
Bore	
Outer diameter (mm)	220
Outer diameter (in)	
Width (mm)	150
d	220 mm
D	370 mm
B	150 mm
C	150 mm
r min.	4 mm
da min.	216 mm
da max.	248 mm
Da max.	353 mm
Da max.	352 mm
ra max.	3 mm
Weight	66.7 kg
Basic dynamic load rating (C)	1800 kN
Basic static load rating (C0)	3200 kN
(Grease) Lubrication speed	710 r/min
(Oil) Lubrication speed	950 r/min
Calculation factor (a1)	0.39
Calculation factor (Y0)	1.7
Calculation factor (Y2)	2.6
Y3	1.7
Material	24144CK30E4
LangID	1
I1	1.7
D1	170
Y2	2.6
Mach r.p.m.	0
B	150
CAD	<a href="https://service.webcad.co.jp/psm/maker_login.php?maker=NSK_R&amp;language=j&amp;infomsk_rb/roller_bearing/spherical_rb/tapered_bore_asmtab.prj&amp;verset=ESTAB-">https://service.webcad.co.jp/psm/maker_login.php?maker=NSK_R&amp;language=j&amp;infomsk_rb/roller_bearing/spherical_rb/tapered_bore_asmtab.prj&amp;verset=ESTAB-</a> (ORDER=24144CK30E4), (S0=20), (D=170), (B=150.0), (B=4.0), (CR1=1000000), (CR0=1000000), (L1=0.0), (L2=710), (L0=0.0), (DA1=2.0), (DA2=2.0), (DA3=3.0), (DA4=3.0), (E=0.0), (E=0.0), (E2=0.0), (E3=1.7), (E4=1.7), (E5=0.0)
da min	216
Da max	353
d1 r.p.m.	950
Y3	1.7
ra max	66.7
GR r.p.m.	710
ra	3
TOR r.p.m.	850
ra	3300
DE	332.075
Y3	1.7
Prod_Type3	900_C10_18
X1	1
X2	0.67
X	10
W	0.39
DA	37.5
Temp	24144CK30E4
Z	10
ALP1	30
ALP2	14
ALP3	8
D_a min	352
D_a min	313
Y3	24144CK30E4
ALPHA	0.253
SM	295.760
r	4
Y3	232
Y3	41
Y3	252.467
Y3	252.467
calc01	/bearingGuide/mml/calculation.jsp