

# 24144CE4 NSK 220x370x150mm Noun Bearing Spherical roller bearings

Bearing number	24144CE4
Size (mm)	220x370x150
Brand	NSK
Bore Diameter (mm)	220
Outer Diameter (mm)	370
Width (mm)	150
d	220 mm
D	370 mm
B	150 mm
r min.	150 mm
d <sub>a</sub> min.	4 mm
D <sub>a</sub> min.	220 mm
d <sub>a</sub> max.	248 mm
D <sub>a</sub> min.	313 mm
D <sub>a</sub> max.	332 mm
r <sub>a</sub> max.	3 mm
Weight	66.7 Kg
Basic dynamic load rating (C)	1800 kN
Basic static load rating (C <sub>0</sub> )	3200 kN
(Grease) Lubrication Speed	710 r/min
(Oil) Lubrication Speed	950 r/min
Calculation factor (a)	0.39
Calculation factor (f <sub>0</sub> )	1.7
Calculation factor (f <sub>1</sub> )	2.6
Category	Spherical Roller Bearings
ISO Inventory	6.0
Manufacturer Name	NSK
Minimum Qty	N/A
Weight / Kilograms	64
Product Group - ISO	094311
Internal Clearance	C0-Medium
Mounting Method	Shaft Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Straight
Cage Material	Steel
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Withdrawal Sleeve	Not Applicable
Inch - Metric	Metric
Long Description	220MM Straight Bore; 370MM Outside Diameter; 150MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Category - ISO	Spherical Roller Bearing
UNSPSC	31171000
Harmonized Tariff Code	84023000
Mean	Bearing
Keyword String	Spherical
Manufacturer URL	<a href="http://www.nskamericas.com">http://www.nskamericas.com</a>
Manufacturer Item Number	24144CE4
Weight / LBS	64
Bore	8.661 Inch   208 Millimeter
Width	5.906 Inch   150 Millimeter
Adapter Part Number	Not Applicable Inch   Not Applicable Millimeter
Outside Diameter	14.567 Inch   370 Millimeter
Y1	1.7
Y1High	24144CE4
LengthB	1
Y1	1.7
Z	370
Y2	2.6
Y2	2.6
Y	0
K	150
CAD	<a href="https://service.web2cad.co.jp/pcom/maker_login.php?maker=NSK_R&amp;language=j&amp;infoformsk_rb/roller_bearings/spherical_rb/cylindrical_bore_washb_prj&amp;srset=STAN-1_(0808)*24144CE4_(5D-220)-(0-170)-(0-150.0)-(0-4.0)-(01-1800000)-(001-3200000)-(1-4050)-(L0-1)-(L0-720)-(L0-050)-(0A-230)-(0A2-240.000)-(0A3-313)-(0A4-151)-(0A-3.0)-(0-0.39)-(Y2-0.5)-(Y1-1.7)-(Y0-1.7)-(M050-66.70)">https://service.web2cad.co.jp/pcom/maker_login.php?maker=NSK_R&amp;language=j&amp;infoformsk_rb/roller_bearings/spherical_rb/cylindrical_bore_washb_prj&amp;srset=STAN-1_(0808)*24144CE4_(5D-220)-(0-170)-(0-150.0)-(0-4.0)-(01-1800000)-(001-3200000)-(1-4050)-(L0-1)-(L0-720)-(L0-050)-(0A-230)-(0A2-240.000)-(0A3-313)-(0A4-151)-(0A-3.0)-(0-0.39)-(Y2-0.5)-(Y1-1.7)-(Y0-1.7)-(M050-66.70)</a>
da min	220
da max	www.305mm
D11 rpm	950
Y0	1.7
max	16.7
GD1 rpm	710
ra	3
ISO rpm	620
C0	3200
0C	332.075
0B	1
Prod Type3	SRB_C0B_C0
X1	1
X2	0.67
X3A	0.9
e	0.39
0K	31.3
0no	24144CE4
Z	20
ALP2	30
ALP1	14
ALP3	0
D <sub>a</sub> min	332
D <sub>a</sub> max	313
yoh1	24144CE4
ALP0	0.753
006	250.359
r	4
K00G	2322
006G	41
02	250.404
calcDr1	/bearingcode/Html/calculation.jsp