22219EAE4 NSK SBRG 22 95x170x43mm Spherical roller bearings

Bearing number	22219EAE4
Size (mm)	95x170x43
Brand	NSK
Bore Diameter (mm)	95
Outer Diameter (mm)	170
Width (mm)	43
d	95 mm
D	170 mm
B	43 mm
C	43 mm
r min.	2.1 mm
da min.	107 mm
da max	115 mm
Da min	152 mm
Da max.	158 mm
ra max.	2 mm
Weight	4.04 Kg
Basic dynamic load rating (C)	330 kN
Basic static load rating (C0)	450 kN
(Grease) Lubrication Speed	2600 r/min
(Oil) Lubrication Speed	3400 r/min
Calculation factor (e)	0.24
Calculation factor (Y0)	2.8
Calculation factor (Y2)	4.3
Category	Spherical Roller Bearings
BDI Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	4.2
EAN	0029176411427
Product Group – BDI	B04311
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	95MM Straight Bore; 170MM Outside Diameter; 43MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Category – BDI	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	8482308O
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.nskamericas.com
Manufacturer Item Number	22219EAE4
Weight / LBS	4.2
Bore	3.74 Inch | 95 Millimeter
Adapter Part Number	Not Applicable Inch | Not Applicable Millimeter
Outside Diameter	6.693 Inch | 170 Millimeter
Width	1.693 Inch | 43 Millimeter
bore diameter:	95 mm
maximum rpm:	3800 RPM
outside diameter:	170 mm
operating temperature range:	Maximum of +200 °C
overall width:	43 mm
cage material:	Steel
bore type:	Straight
bearing material:	Steel
outer ring type:	Not Split
cage type:	Roller Guided
internal clearance:	C0
precision rating:	ABEC 1 (ISO Class Normal)
closure type:	Open
finish/coating:	Uncoated
lubrication hole type:	Lubrication Groove & Hole
outer ring width:	43 mm
dynamic load capacity:	415000 N
fillet radius:	2.1 mm
static load capacity:	450000 N
series:	222
Y3	2.9
hidTobi	22219EAE4
LangID	1
Y1	2.9
D_	170
Y2	4.3
Macha rpm	4500
B_	43
CAD	https://service.web2cad.co.jp/pcom/maker_login.php?Maker=NSK_RB&language=ja&info=nsk_rb/roller_bearings/spherical_rb/cylindrical_bore_asmtab.prj&varset={STAN=HP5}.{ORDER=22219EAE4}.{SD=95}.{D=170}.{B=43.0}.{R=2.1}.{CR1=415000}.{COR1=450000}.{LT=3800}.{LM=4500}.{LG=3000}.{LO=3800}.{DA1=107}.{DA2=115.000}.{DA3=158}.{DA4=152}.{RA=2.0}.{E=0.24}.{Y2=4.3}.{Y3=2.9}.{Y0=2.8}.{MASS=4.04}
da min	107
hidTable	wcat_NOSPMR
Oil rpm	3800
Y0	2.8
mass	4.04
GRS rpm	3800
ra	2
TSR rpm	3800
C0	450
DE_	155.103
X0	1
Prod_Type3	SRB_CTR_CB
X1	1
X2	0.67
SIR	17.22
e	0.24
DA_	19.3
bomp	22219EAE4
Z_	20
ALP2	55
ALP1	8
ALP3	0
D_a max	158
D_a min	152
yobi	22219EAE4
HPS	HP5
ALPHA	0.156
SDM	136.036
r	2.1
KBRG	2328
SBRG	22
DI_	116.969
calcUrl	/BearingGuide/html/calculation.jsp