

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
r min.	4.3 mm
da min.	2.1 mm
da max.	107 mm
Da min.	115 mm
Da max.	152 mm
Da max.	158 mm
ra max.	2 mm
Weight	4.08 kg
Basic dynamic load rating (C)	130 kN
Basic static load rating (C0)	458 kN
(Grease) Lubrication Speed	2000 r/min
(Oil) Lubrication Speed	3400 r/min
Calculation factor (e)	0.24
Calculation factor (f0)	2.0
Calculation factor (f1)	4.3
Category	Spherical Roller Bearings
ISO Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / kilogram	4.2
EAN	002017641427
Product Group - ISO	084311
Internal Clearance	CO-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
Withstands Shock	Not Applicable
ISO - Metric Description	22219 Straight Bore; 120mm Outside Diameter; 43mm Width; CO-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Category - ISO	Spherical Roller Bearing
UNSPSC	31172510
Harmonized Tariff Code	84823000
NSM	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 Name	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:	3000 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:	CO
precision rating:	PREC 1 (ISO Class Normal)
closure type:	Open
lubrication:	Oil/Grease
lubrication hole type:	Lubrication Groove & Hole
outer ring width:	43 mm
dynamic load capacity:	410000 N
static load capacity:	2.1 mm
series:	222
NS	2.0
NSR	22219EAE4
NSR1	1
NSR2	2.0
NSR3	370
NSR4	4.3
NSR5	4300
B	43
CAD	https://service.web2cad.co.jp/pcmaker_login.php?maker=NSK&B&language=japanese&rb/roller_bearing/spherical_rb/cylindrical_bore_walab.prj&srset=STAN-SPS.(ORDER-22219EAE4).(02-01).(0-170).(0-43.0).(0-2.1).(C0-410000).(C0P-450000).(LT-3000).(LH-0000).(LD-0000).(DA2-115.000).(DA3-150).(DA4-152).(DA5-2.0).(0-2.24).(C2-4.3).(Y0-2.0).(Y0-2.0).(RMS-4.04)
cat	07
catalog	ecol_NSKPWR
oil rpm	3000
NS	2.0
max	4.04
OS rpm	3000
ra	2
TSR rpm	3000
CO	450
DC	550-553
X0	1
Prod_Type3	SMO_CTR_CO
X1	1
X2	0.47
SIR	17.22
H	8.24
DA	19.3
bump	22219EAE4
Z	20
ALP0	55
ALP1	8
ALP2	8
D_n_max	150
D_n_min	152
Y001	22219EAE4
HPS	HPS
ALPN	0.156
NSR	138-816
r	2.1
NSRC	2320
NSRC	22
SI	116-069
calc01	/BearingGuide/html/calculation.jsp