

22207CE4

NSK

ALP3

0

35x72x23mm

Spherical roller

bearings

Bearing number	22207CE4
Size (mm)	35x72x23
Brand	NSK
Bore Diameter (mm)	35
Outer Diameter (mm)	72
Width (mm)	23
d	35 mm
D	72 mm
B	23 mm
C	23 mm
r min.	1.1 mm
da min.	43 mm
da max.	43 mm
Da min.	63 mm
Da max.	65 mm
ra max.	1 mm
Weight	0.42 Kg
Basic dynamic load rating (C)	69 kN
Basic static load rating (C0)	71 kN
(Grease) Lubrication Speed	5300 r/min
(Oil) Lubrication Speed	6700 r/min
Calculation factor (a)	0.32
Calculation factor (Y0)	2
Calculation factor (Y2)	3.1
Category	Spherical Roller Bearings
ISO Inventory	0-0
Manufacturer Name	NSK
RoHS Com Quantity	N/A
Weight / Kilogram	0.43
EAN	6020176025662
Product Group - ISO	040411
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
Material - Steel	Not Applicable
Inch - Metric	Metric
Long Description	35MM Straight Bore; 72MM Outside Diameter; 23MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Category - ISO	Spherical Roller Bearing
UNSPSC	3121330
Harmonized Tariff Code	84020900
NSM	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.nskamericas.com
Manufacturer Item Number	22207CE4
Weight / LBS	0.43
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
Outside Diameter	7.875 Inch 72 Millimeter
Width	0.906 Inch 23 Millimeter
Bore	1.378 Inch 35 Millimeter
bore diameter:	35 mm
Maximum rpm	6700 RPM
outside diameter:	72 mm
operating temperature range:	Maximum of +200 °C
overall width:	23 mm
cage material:	Steel
bore type:	Straight
bearing material:	Steel
outer ring type:	Not Split
cage type:	Inner Ring Guided
internal clearance:	C0
precision rating:	P0EC 1 (ISO Class Normal)
closure type:	Open
finish/coating:	Uncoated
lubrication hole type:	Lubrication Groove & Hole
outer ring width:	23 mm
dynamic load capacity:	69000 N
fillet radius:	1.1 mm
static load capacity:	71000 N
series:	222
Y0	2.1
Y2Y0Y1	22207CE4
LangID	1
Y1	2.1
B	72
Y2	3.1
NSM	0
C0	23
da min	42
da1table	42x130,000
d11 rpm	6700
Y0	2
max	0.42
G05 rpm	5300
ra	1
T08 rpm	7500
C0	71
EC	64.538
X0	1
Prod_Type3	986_C0_C0
X1	1
X2	6.67
S0R	7.74
e	6.32
OK	10.2
bump	22207CE4
Z	14
ALP2	18
ALP1	12
ALP3	6
D_a max	65
D_a min	63
Y0Y1	22207CE4
ALP0A	0.212
S0R	54.547
Y1	1.1
ESRG	2322
S0RG	22
Y1	44.136
calc01	/bearingguide/test/calculation.jsp