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.	42 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 (e)	0.32
Calculation factor (Y0)	2
Calculation factor (Y2)	3.1
Category	Spherical Roller Bearings
BDI Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.43
EAN	0029176025662
Product Group – BDI	804311
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	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 – BDI	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	8482.30.80
Noun	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	2.835 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:	RBEC 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
Y3	2.1
hidYobi	22207CE4
LangID	1
Y1	2.1
D_	72
Y2	3.1
Macha rpm	0
B_	23
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=-}.{ORDER=22207CE4}.{SD=35}.{D=72}.{B=23.0}.{R=1.1}.{CR1=69000}.{C0R1=71000}.{LT=7500}.{LM=-}.{LG=5300}.{LO=6700}.{DA1=42}.{DA2=43.000}.{DA3=65}.{DA4=63}.{RA=1.0}.{E=0.32}.{Y2=3.1}.{Y3=2.1}.{Y0=2.0}.{MASS=0.42}
da min	42
hidTable	wcat_NSSPMR
Oil rpm	6700
Y0	2
mass	0.42
GRS rpm	5300
ra	1
TSR rpm	7500
C0	71
DE_	64.518
X0	1
Prod_Type3	SRB_CTB_CB
X1	1
X2	0.67
SIR	7.5
e	0.32
DA_	10.2
bomp	22207CE4
Z_	14
ALP2	10
ALP1	12
ALP3	0
D_a max	65
D_a min	63
yobi	22207CE4
ALPHA_	0.212
SDM_	54.547
r	1.1
KBRG	2322
SBRG	22
DI_	44.576
calcUrl	/BearingGuide/html/calculation.jsp