



Tapered Bore

### Bearing No. 22212EAKE4

e	0.23
d	60 mm
B	28 mm
D	110 mm
C	28 mm
r	1.5
Y2	4.4
D_	110
Y1	2.9
Z_	19
B_	28
Y0	2.9
ra	1.5
C0	174
X0	1
X1	1
X2	0.67
Y3	3
DI_	74.111
DA_	13.02
HPS	HPS
SIR	10.3
DE_	99.856
mass	1.1
ALP3	0
ALP1	8
ALP2	38
SDM_	86.983
bomp	22212EAKE4
yobi	22212EAKE4

SBRG	22
KBRG	2328
Noun	Bearing
Bore	2.362 Inch   60 Millimeter
Width	1.102 Inch   28 Millimeter
ALPHA_	0.151
Da min	98 mm
UNSPSC	31171510
da min	69
Weight	1,1 Kg
r min.	1,5 mm
LangID	1
da max	72 mm
da min.	69 mm
Oil rpm	6000
GRS rpm	4800
hidYobi	22212EAKE4
TSR rpm	5300
series:	222
D_a min	98
Da max.	101 mm
D_a max	101
ra max.	1,5 mm
hidTable	ecat_NSSPHR
Category	Spherical Roller Bearing
Size (mm)	60x110x28
Inventory	0.0
Enclosure	Open
Macha rpm	8000
bore type:	Tapered 1:12
cage type:	Inner Ring Guided

Width (mm)	28
Prod_Type3	SRB_CTB_TB
maximum rpm:	6000 RPM
Bore Profile	Tapered
Weight / LBS	1.1
Inch - Metric	Metric
closure type:	Open
Cage Material	Steel
Product Group	B04311
Bearing number	22212EAKE4
overall width:	28 mm
cage material:	Steel
Relubricatable	Yes
fillet radius:	1.5 mm
Keyword String	Spherical
bore diameter:	60 mm
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Mounting Method	Adapter Mount
finish/coating:	Uncoated
Rolling Element	Spherical Roller Bearing
outer ring type:	Not Split
Long Description	60MM Tapered Bore; 110MM Outside Diameter; 28MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable; Adapter Part Nu
Outside Diameter	4.331 Inch   110

	Millimeter
Manufacturer URL	<a href="http://www.nskamericas.com">http://www.nskamericas.com</a>
outside diameter:	110 mm
Manufacturer Name	NSK
outer ring width:	28 mm
Withdrawal Sleeve	AHX312 (Specify bore)
Weight / Kilogram	1.1
precision rating:	RBEC 1 (ISO Class Normal)
bearing material:	Steel
Internal Clearance	C0-Medium
Bore Diameter (mm)	60
Adapter Part Number	SNW12 H312 HA312 HE312 HS312 (Specify Bore) Inch   H312 (Specify bore) Millimeter
Outer Diameter (mm)	110
internal clearance:	C0
Minimum Buy Quantity	N/A
static load capacity:	174000 N
dynamic load capacity:	178000 N
Harmonized Tariff Code	84823080
lubrication hole type:	Lubrication Groove & Hole
Calculation factor (e)	0,23
Calculation factor (Y2)	4,4
Calculation factor (Y0)	2,9
(Oil) Lubrication Speed	5300 r/min
Manufacturer Item Number	22212EAKE4
Number of Rows of Rollers	Double Row
(Grease) Lubrication Speed	4300 r/min

operating temperature range:	Maximum of +200 °C
Basic static load rating (C0)	174 kN
Basic dynamic load rating (C)	142 kN