

22215EAE4 NSK Product Group – BDI B04311 75x130x31mm Spherical roller bearings

Bearing number	22215EAE4
Size (mm)	75x130x31
Brand	NSK
Bore Diameter (mm)	75
Outer Diameter (mm)	130
Width (mm)	31
d	75 mm
D	130 mm
B	31 mm
r min.	31 mm
d ₁ min.	1.5 mm
d ₂ min.	86 mm
d ₃ min.	87 mm
d ₄ min.	117 mm
d ₅ min.	120 mm
r ₁ max.	1.5 mm
r ₂ max.	1.5 mm
Weight	1.64 kg
Basic dynamic load rating (C)	190 kN
Basic static load rating (C ₀)	244 kN
(Grease) Lubrication Speed	3400 r/min
(Oil) Lubrication Speed	4000 r/min
Calculation factor (f _d)	0.22
Calculation factor (f ₀)	3
Calculation factor (f ₁)	4.5
Category	Spherical Roller Bearings
BDI Inventory	0-0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	1.62
SKU	00297941250
Product Group - BDI	B04311
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
Relubrication Sleeve	Not Applicable
Inch - Metric	Metric
Temp. Description	7500 Straight Bore; 13000 Outside Diameter; 3200 Width; CO-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Category - BDI	Spherical Roller Bearing
UPC	3171510
Manufacturer Part Number	04023000
Manufacturer Item Number	22215EAE4
Weight / LBS	3.58
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
Bore	2.953 Inch 75 Millimeter
Outside Diameter	5.118 Inch 130 Millimeter
Width	1.220 Inch 31 Millimeter
bore diameter: maximum rpm:	75 mm 5000 RPM
outside diameter:	130 mm
operating temperature range:	Maximum of +200 °C
overall width:	31 mm
cage material:	Steel
bore type:	Straight
bearing material:	Steel
outer ring type:	Not Split
cage type:	Roller Guided
internal clearance:	CO
precision rating:	BBC 1 (ISO Class Normal)
closure type:	Open
finish/rounding:	Uncoated
lubrication hole type:	Lubrication Groove & Hole
outer ring width:	31 mm
dynamic load capacity:	230000 N
filler material:	1.5 mm
static load capacity:	240000 N
series:	222
YS	22215EAE4
LangID	1
YS	3
D	130
Y2	4.5
Mecha rpm	6700
Q	31
CAD	https://service.ahb2ad.co.jp/conn/maker_login.php?maker=NSK_M61language=uk&infoform=rb/roller_bearings/spherical_rb/ty/indrical_bore_washbar_p/barsat-STAB-HPJ_(0000-22215EAE4)_D0-75_(D=130)_B=31_B1_S1_(CR1+230000)_CCR1+240000_(LT=4300)_LM=6700_(LG=4000)_LG=4000_(DA1=64)_DA2=67.000_(DA3=121)_DA4=117_(RM=1.5)_E=0.22_(Y2=4.5)_Y3=3_B1_(RMS1=64)
d ₁ min	84
Material	steel_S20Cr
G11 rpm	5000
YS	3
max	1.64
G5 rpm	4000
r ₁	1.5
ISO rpm	4300
CO	244
DE	130.702
YS	1
Prod_Type3	SM_CTR_CO
X1	1
X2	0.43
CSR	12.25
r	0.22
DA	14.3
bore	22215EAE4
Z	20
ALP3	20
ALP1	0
ALP2	0
D ₁ min	121
D ₂ min	117
y01	22215EAE4
W3	0.95
ALP4	0.147
SM	183.364
r	1.5
SRG	2225
SRG	22
BDI	00297941250
AK101	/BearingGuide/Item/Calculation.jsp