

22217EAKE4 NSK 85x150x36mm X0 1 Spherical roller bearings

Bearing number	22217EAKE4
Size (mm)	85x150x36
Brand	NSK
Bore diameter (mm)	85
Outer diameter (mm)	150
Width (mm)	36
d	85 mm
D	150 mm
B	36 mm
C	36 mm
r min.	2 mm
d _{6 min.}	95 mm
d _{6 max.}	101 mm
d _{9 min.}	135 mm
d _{9 max.}	140 mm
r _{6 max.}	2 mm
Weight	2.54 kg
Basic dynamic load rating (C)	250 kN
Basic static load rating (C ₀)	325 kN
(Grease) Lubrication Speed (GSI)	3000 r/min
(Oil) Lubrication Speed (OSI)	3800 r/min
Calculation factor (c ₁)	0.22
Calculation factor (f ₁)	3
Calculation factor (f ₂)	4.0
Category	Spherical Roller Bearings
ISO Inventory	6.0
Manufacturer Name	NSK
Maximum Boy Quantity	N/A
Weight / Kilogram	2.6
SKU	60297941366
Product Group - BSI	804311
Internal Clearance	C0-Medium
Mounting Method	Adapter Mount
Holling Element	Spherical Roller Bearing
Bore Profile	Tapered
Cage Material	Steel
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Withdrawal Sleeve	AK0317 (Specify bore)
Inch - Metric	Metric
Long Description	S09M Tapered Bore; S09M Outside Diameter; S09M Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable; Adapter Part Number - H317 (Specify bore)
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Category - BSI	Spherical Roller Bearing
HSN	811710
Normalized Tariff Code	84023000
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.nskamericas.com
Manufacturer Item Number	22217EAKE4
Weight / LBS	2.6
Width	1.417 Inch 36 Millimeter
Outside Diameter	5.906 Inch 150 Millimeter
Bore	3.346 Inch 85 Millimeter
Adapter Part Number	SMB17 H317 H317 H317 (Specify bore) Inch H317 (Specify bore) Millimeter
bore diameter:	85 mm
maximum rpm:	4000 SPM
outside diameter:	150 mm
operating temperature range:	Maximum of +200 °C
overall width:	36 mm
cage material:	Steel
bore type:	Tapered 1:12
bearing material:	Steel
outer ring type:	Not Split
cage type:	Roller Guided
internal clearance:	C0
precision rating:	PREC 1 (ISO Class Normal)
closure type:	Open
finish/coating:	Uncoated
lubrication hole type:	Lubrication Groove & Hole
outer ring	36 mm
width:	36 mm
dynamic load capacity:	310000 N
static load capacity:	325000 N
series:	222
VS	3.1
hdP003	22217EAKE4
LangID	1
VS	3
D	150
D2	4.0
Mech rpm	3600
B	36
URL	https://service.webdial.co.jp/pcn/maker_login.jsp?maker=NSK_BBI&language=japanese&id=informa_01/roller_bearings/spherical_01/tapered_bore_wmh2n2r?search=5148095 ; (S09M-22217EAKE4); (S0=H); (C0=150); (B=150.0); (P=2.6); (C0R=310000); (C0S=325000); (L1=4000); (L2=3600); (L3=3400); (L4=3000); (D1=45); (D2=101); (D3=140); (D4=135); (D5=2.6); (E=0.22); (F1=4.0); (F2=3.1); (F3=3.0); (PMS=2.54)
da_min	4000
dtfTable	ecat_NSGPRB
dlt rpm	4000
Y0	3
max	2.54
GRS rpm	3400
r	2
Y0R rpm	4000
C0	325
DE	137.4026
X0	1
Prod_Type3	150_C10_7B
SI	1
IC	0.47
SK	13.09
+	0.22
OK	17.24
bomp	22217EAKE4
Z	28
ALP2	22
ALP1	8
ALP3	8
D_a_max	140
D_a_min	135
y03	22217EAKE4
WFS	WFS
ALPHA	0.146
S0M	139.969
Z	2
KBG	2328
S0MG	22
SI	102.913
calc01	/bearingguide/html/calculation.jsp