

# NKE 232/500-K-MB-W33 spherical roller bearings

Our highly-skilled and factory-trained service experts have 120x180x38 Size (mm) the resources to help you 120 Bore Diameter (mm) with all your NKE 232/500-K-MB-W33 spherical roller bearings needs – 180 Outer Diameter (mm) including routine maintenance, major repairs, warranty service, and equipment inspections.

Size (mm)	120x180x38
Bore Diameter (mm)	120
Outer Diameter (mm)	180
Width (mm)	38
d	120 mm
D	180 mm
T	38 mm
$\alpha$	1.5 °
dk	168 mm
B	38 mm
C	37 mm
r1 – min.	2.5 mm
r2 – min.	0.6 mm
s	14.5 mm
da – max.	134 mm
db – max.	155 mm
Da – min.	140 mm
Db – min.	169 mm
ra – max.	2.5 mm
Basic dynamic load rating – C	240 kN

Basic static load rating – C0	380 kN
Specific factor dynamic load – K	50 N/mm2
Specific factor static load – K0	80 N/mm2
Constant – KM	480
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	4
EAN	7316570682038
Product Group	B04264
Rolling Element	Spherical Plain
Self Aligning	Yes
Material – Outer Member	Steel
Material – Ball	Steel
Material – Liner	Plastic   Teflon
Enclosure	Open
Relubricatable	No
Other Features	Angular Contact   Single Direction   Axially Split   Self Lubricating   Maintenance Free
Long Description	120MM Bore; 180MM Housing Outside Diameter; 38MM Overall Width; Spherical Plain; Self Aligning; Stee
Inch – Metric	Metric
UNSPSC	31171515
Harmonized Tariff Code	8483.30.80.70
Noun	Bearing
Keyword 3	Spherical

Keyword String	Plain Thrust Spherical
Manufacturer Item Number	GAC 120 F
Weight / LBS	8.818
Housing Outside Diameter	7.087 Inch   180 Millimeter
Housing Width	1.457 Inch   37 Millimeter
Overall Width	1.496 Inch   38 Millimeter
Bore	4.724 Inch   120 Millimeter
Ball Outside Diameter	6.614 Inch   168 Millimeter
$\alpha$	0.7 °
r1 min.	2.5 mm
r2 min.	0.6 mm
da max.	134 mm
db max.	155 mm
Da min.	140 mm
Db min.	169 mm
ra max.	2.5 mm
Basic dynamic load rating C	260 kN
Basic static load rating C0	415 kN
Specific dynamic load factor K	50 N/mm <sup>2</sup>
Specific static load factor K0	80 N/mm <sup>2</sup>
Material constant KM	480
Mass plain bearing	4 kg