



Bearing No. 239/500 CAK/W33

K	12 mm
d	500 mm
D	670 mm
B	128 mm
b	22.3 mm
Noun	Bearing
Bore	19.685 Inch   500 Millimeter
Width	5.039 Inch   128 Millimeter
UNSPSC	31171510
series:	239
Category	Spherical Roller Bearing
Inventory	0.0
Size (mm)	670x500x128
Enclosure	Open
cage type:	Inner Ring Guided
bore type:	Tapered 1:12
Width (mm)	128
Weight / LBS	360.896
Mass bearing	125 kg
maximum rpm:	950 RPM
Bore Profile	Tapered
closure type:	Open
D <sub>1</sub>	622 mm
d <sub>2</sub>	561 mm
Inch - Metric	Metric
Product Group	B04311
Cage Material	Bronze
bore diameter:	500 mm

Keyword String	Spherical
overall width:	128 mm
cage material:	Brass
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Relubricatable	Yes
fillet radius:	4 mm
Bearing number	239/500 CAK/W33
Limiting speed	950 r/min
Rolling Element	Spherical Roller Bearing
finish/coating:	Uncoated
Mounting Method	Adapter Mount
Reference speed	530 r/min
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
outer ring type:	Not Split
Outside Diameter	26.378 Inch   670 Millimeter
Long Description	500MM Tapered Bore; 670MM Outside Diameter; 128MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Bronze Cage Material; Open Enclosure; Relubricatable; Adapter Part
bearing material:	Steel
Withdrawal Sleeve	AH39/500 (Specify bore)
outer ring width:	128 mm
Weight / Kilogram	163.7
outside diameter:	670 mm
precision rating:	Not Rated

Manufacturer Name	SKF
Internal Clearance	C0-Medium
$r_a$ max.	4 mm
$D_a$ max.	652 mm
Bore Diameter (mm)	670
Outer Diameter (mm)	500
internal clearance:	C0
$d_a$ - min.	509 mm
$d_a$ - max.	561 mm
Minimum Buy Quantity	N/A
$r_a$ - max.	4 mm
$r_{1,2}$ min.	5 mm
Calculation factor e	0.17
$D_a$ - max.	652 mm
$d_2$ ?	561 mm
static load capacity:	6000 kN
$D_1$ ?	622 mm
dynamic load capacity:	2900 kN
lubrication hole type:	Lubrication Groove & Hole
Calculation factor - e	0.17
Harmonized Tariff Code	84823080
$r_{1,2}$ - min.	5 mm
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	2967 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load rating - C	2967 kN
Fatigue load limit $P_u$	415 kN
Calculation factor $Y_0$	4
Calculation factor $Y_2$	5.9

Calculation factor $Y_1$	4
Adapter Part Number - Millimeter	H39/500H (Specify bore)
Fatigue load limit - $P_u$	415 kN
Calculation factor - $Y_1$	4
Calculation factor - $Y_2$	5.9
Calculation factor - $Y_0$	4
Basic static load rating $C_0$	6000 kN
Basic static load rating - $C_0$	6000 kN