2007

MA332Q — ANTIFRICTION BEARINGS (SHIPMENTS)

DEFINITIONS AND SPECIAL INSTRUCTIONS

1. Scope of Survey

This survey covers all companies engaged in the manufacture of complete antifriction bearings and components, including balls and rollers, in the United States. Plain bearings are not collected on this survey.

2. Figures to be reported

Companies with more than one establishment manufacturing the products covered by this survey are requested to complete a separate report form for each location. If you have not received a separate form for each of your establishments, please call the contact listed on the report form or write to the U.S. Census Bureau for additional forms.

a. Quantity and value of shipments

The figures on quantity and value of shipments should include the physical shipments of all products sold, transferred to other establishments within your company, or shipped on consignment, whether for domestic or export sale. The value represents the net sales price, f.o.b. plant, to the customers or branch to which the products are shipped, net of discounts, allowances, freight charges, and returns. Shipments to your own branches should be assigned the same value as comparable sales to unaffiliated customers; i.e., the value includes an appropriate allocation of company overhead and profit. Products bought and resold without further manufacture should not be included in shipments.

b. Columnar structure of report

When posting your figures to the original report, please be sure to report information in the correct columns. These are:

Column 1 — Quantity of shipments (domestic and export)

Column 2 — Value of shipments (\$1,000) (domestic and export)

Column 3 — Quantity produced for all purposes includes total quantity of balls and rollers produced in thousands of units, whether shipped or produced and consumed at the same establishment.

3. Definitions

ANTIFRICTION BEARINGS — Bearings using rolling elements, i.e., balls or rollers. Plain bearings, i.e., those with no rolling elements, are not to be included.

BALL BEARINGS, COMPLETE, UNMOUNTED — Antifriction bearings using balls as rolling elements.

Annular ball bearings — Antifriction bearings primarily designed to support load perpendicular to shaft axis. More commonly called "radial" ball bearings.

Ground or precision ball bearings — Excludes all unground ball bearings.

Single-Row Conrad Ball Bearings — Deep groove ball bearings with only one row of balls and a cage (i.e., retainer, separator). Included are all standard and special types, all inner race configurations (extended, wide, etc.,) and all outer race configurations (spherical O.D., cylindrical O.D., wide, etc.)

MINIATURE BALL BEARINGS — Ball bearings with outside diameter below, but not including, 3/8" or 9mm O.D.

ABEC 1 and ABEC 3 — The "regular" standards of ground ball bearings precision. (Item code 2101)

ABEC 5 and up — The higher, or "precision" standards of ground ball bearings precision. (Item code 2102)

Single-row maximum capacity type distinguished from the conrad type by a filling slot in both outer and inner rings which allows the bearings to contain a greater number of larger balls than the corresponding conrad bearings without filling slots. Also known as "max" type or "full complement" or "filling slot" ball bearings. (Item code 2114)

Integral shaft and integral spindle ball bearings — Have a solid inner race, i.e., a shaft, which has the ball raceway(s) ground into the shaft surface, thus making the inner race/shaft integral to the bearings. Examples include, but are not restricted to, water pump bearings, some automotive hub units, and computer spindle bearings. (Item code 2118)

Double row ball bearings — Unitary bearings with two rows of balls. Includes both angular contact and deep groove types, and both conrad and max types. All

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DEFINITIONS AND SPECIAL INSTRUCTIONS — Continued

3. Definitions — Continued

ABEC 1 and up of all standard and special configurations are to be included, but self-aligning double row ball bearings should not be included. (Item code 2120)

Angular contact ball bearings — Have a single row of balls whose internal clearances and ball race locations are such as to result in a definite contact angle and predetermined relationship of inner to outer ring faces. All standard and special configurations and all ABEC 1 and up precisions are included. (Item codes 2121 and 2123)

All other ground or precision bearings (ABEC 1 and up) — This category should include only those ground ball bearings, etc., which cannot be classified above. (Item code 2124)

Ground ball bearings of less than ABEC 1 precision — All types of radial (single-row, double-row, angular contact, other) ball bearings which have ground raceways but are less than the ABEC 1 precision grade. (Item code 2126)

Unground (less than ABEC 1) — Antifriction ball bearings with unground raceways. All radial types, styles and configurations should be included. (Item code 2128)

Thrust ball bearings — Concentric axial loading only, both ground (less than ABEC 1 and up) and unground types, of all configurations. Both single direction thrust and double direction thrust ball bearings are to be included. Do not include angular contact bearings. (Item codes 2133 and 2135)

Linear ball bearings — Ball bearings designed for linear relative motion between its raceways in the direction of rolling.

Other ball bearings — Those which do not qualify under any of the previous categories. This category should only include those bearings which cannot be classified above. (Item code 2155)

Tapered roller bearings, including cups and cones, unmounted — Antifriction bearings using taper-shaped rollers as rolling elements.

Cup and cone assemblies shipped as a set — This is a complete tapered roller bearing, which includes the cup and cone and roller assembly, each of which may be sold separately. (Item code 2232)

Cups shipped separately — Tapered bearing outer races. (Item code 2233)

Cone assemblies shipped separately— Tapered bearing inner race, with cage and rollers. (Item code 2234)

Cylindrical roller bearings — Antifriction bearings using cylindrical shaped rollers as the rolling elements. Axes of rollers are parallel to the bearing axis. Regular (ABEC 1 and 3) and precision (ABEC 5 and up) are reported separately, but within each category all types and configurations should be included; single-row and multi-row, radial and thrust, traction motor, journal, aeroengine, and others, except those classified as needle roller bearings, as defined below. (Item codes 2311 and 2312)

Spherical roller bearings — Self-aligning antifriction bearings using convex (spherical, or barrel-shaped or concave hourglass shaped) rollers as the rolling elements. Within each category of single-row and double-row types, all configurations of radial and thrust, and all precisions should be included: geared outer, spherangular, air frame, and all other similar types. (Item codes 2324 and 2325)

Needle roller bearings — Antifriction bearings using "needle" rollers as the rolling elements. Needle rollers are cylindrical shaped but are long and slim, with a uniform diameter not exceeding 5mm and having a length of at least three times the diameter. The ends of the rollers may be of several shapes. (Item code 2341)

Linear roller bearings — Roller bearings designed for linear relative motion between its raceways in the direction of rolling. (Item code 2351)

Other roller bearings, n.e.c. — This category should only include those roller bearings not classified above. (Item code 2393)

Mounted bearings (except plain) — Antifriction ball or roller bearings which are encased (mounted) in an enclosure (a mounting, or housing, or housing closure) usually made of iron, steel, or rubber. The enclosure, or housing, may be of a one-piece unit) or two-piece (split) construction. Major types included are pillow blocks, flange units, takeup units, rubber tired bearings, and any other types of mounted bearings. Loose bearing inserts sold separately are not to be included here, but should be included in appropriate bearing categories above. (Item codes 2417–2455)

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DEFINITIONS AND SPECIAL INSTRUCTIONS — Continued

3. Definitions — Continued

Parts and components for ball and roller bearings (except cups and cones) including balls and rollers sold separately — as described in the following:

Balls — Ball bearing type steel balls of all grades.

Shipments — Should include the physical shipments of all products sold, transferred to other establishments within your company, or shipped on consignment, whether for domestic or export sale.

Production — For all purposes, both for internal production of bearings or other products, and for external shipments. (Item code 2911)

Other antifriction ball bearing component and parts, including unassembled ball bearings, cages, races, seals, shields, etc. No bearings are to be placed in this category. (Item code 2921)

Rollers — Roller bearing typed steel rollers of all grades.

Shipments — Should include the physical shipments of all products sold, transferred to other establishments within your company, or shipped on consignment, whether for domestic or export sale.

Production — For all purposes, both for internal production of bearings and other products, and for external shipments. (Item code 2931)

Other roller bearing parts and components, (except rollers) Examples include, but are not restricted to seals and shields. Also, no bearings are to be placed in this category. (Item codes 2942–2953)

Housings and parts and components for housings — Includes housing closures, collars, spacers, sleeves, adapters, and other miscellaneous items. (Item code 2959)

NOTE: Bearing types such as rod ends and cam followers/track rollers should be placed in the appropriate bearing category such as single row deep groove conrad type, spherical roller, cylindrical roller, etc.

4. Comparability

Data reported in this survey should correspond to data reported in the Economic Census - Manufacturing Sector form. The sum of values for item codes shown in column (a) should correspond to dollar values reported under product codes indicated in column (b) below.

Current Industrial Reports (Form MA332Q)	Economic Census - Manufacturing Sector
Item codes (a)	Product codes (b)
2101 through 2155	3329911100
2232 through 2234	3329913100
2311 through 2393	3329915100
2417 through 2455	3329917100
2911 through 2959	3329919100

REFERENCE LIST — Continued

Product code
Product code
BALL BEARINGS, COMPLETE, UNMOUNTED
BALL BEARINGS, COMPLETE, UNMOUNTED
Annular, include self-aligning Ground or precision Single-row conrad Miniature (below 9mm. O.D.) Regular (ABEC 1 and 3) Precision (ABEC 5 and up) Other regular (ABEC 5 and up) Over 30mm. O.D. thru 30mm. O.D. 3329911105 3329911107 2107 Over 30mm. O.D. thru 52mm. O.D. Over 52mm. O.D. thru 52mm. O.D. Over 100 mm. O. D. Other Precision (ABEC 5 and up) 9mm. O.D. thru 30mm. O.D. Over 100 mm. O. D. Other Precision (ABEC 5 and up) 9mm. O.D. thru 30mm. O.D. Single-row and up) Over 100 mm. O. D. Other Precision (ABEC 5 and up) 9mm. O.D. thru 30mm. O.D. Single-row maximum capacity type Integral shaft and integral spindle ball bearings Double-row Angular contact Regular Precision All other ground or precision bearings (ABEC 1 and up) Ground (less than ABEC 1) Thrust ball bearings Ground
Ground or precision Single-row conrad Miniature (below 9mm. O.D.)
Ground or precision Single-row conrad Miniature (below 9mm. O.D.)
Single-row conrad Miniature (below 9mm. O.D.)
Miniature (below 9mm. O.D.) 3329911101 2101 Regular (ABEC 1 and 3) 3329911102 2102 Precision (ABEC 5 and up) Other regular (ABEC 1 and 3) 9mm. O.D. thru 30mm. O.D. 3329911104 2104 Over 30mm. O.D. thru 100mm. O.D. 3329911105 2105 Over 100 mm. O. D. Other Precision (ABEC 5 and up) 3329911107 2107 Over 52mm. O.D. thru 100mm. O.D. Other Precision (ABEC 5 and up) 9mm. O.D. thru 30mm. O.D. Other Precision (ABEC 5 and up) 9mm. O.D. thru 30mm. O.D. Over 30mm. O.D. thru 52mm. O.D. Over 30mm. O.D. thru 52mm. O.D. Over 52mm. O.D. thru 100mm. O.D. Over 100 mm. O. D. Single-row maximum capacity type Integral shaft and integral spindle ball bearings 3329911112 2121 Regular 3329911124 2124 All other ground or precision bearings (ABEC 1 and up) 3329911127 2126 Unground (less than ABEC 1) Thrust ball bearings Ground
Regular (ABEC 1 and 3) Precision (ABEC 5 and up)
3329911102 2102 Precision (ABEC 5 and up) Other regular (ABEC 1 and 3) 9mm. O.D. thru 30mm. O.D. Over 30mm. O.D. Over 52mm. O.D. Over 52mm. O.D. Over 100 mm. O.D. Over 100 mm. O.D. Over 30mm. O.D. Over 30mm. O.D. Over 30mm. O.D. Over 100 mm. O.D. Over 30mm. O.D. Over 100 mm. O.D. Over 30mm. O.D. Over 100 mm. O.D. Over 30mm. O.D. Over 100 mm.
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3329911103 2103 9mm. O.D. thru 30mm. O.D. 3329911104 2104 Over 30mm. O.D. thru 52mm. O.D. 3329911105 2105 Over 52mm. O.D. thru 100mm. O.D. 3329911109 2107 Over 100 mm. O. D. Other Precision (ABEC 5 and up) 9mm. O.D. thru 30mm. O.D. 3329911111 2111 Over 30mm. O.D. thru 52mm. O.D. 3329911112 2112 Over 52mm. O.D. thru 100mm. O.D. 3329911113 2113 Over 100 mm. O. D. 3329911114 2114 Single-row maximum capacity type 3329911120 2120 Double-row Angular contact Regular 3329911123 2123 Precision 3329911124 2124 All other ground or precision bearings (ABEC 1 and up) 3329911129 2128 Unground (less than ABEC 1) Thrust ball bearings 3329911133 2133 Ground
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3329911127 2126 Ground bearings of less than ABEC 1 precision 3329911129 2128 Unground (less than ABEC 1) Thrust ball bearings Ground
Thrust ball bearings 3329911133 2133 Ground
3329911133 2133 Ground
3329911133 2133 Ground
3329911155 2155 Other ball bearings
3329911100 2199 TOTAL, complete, unmounted ball bearings (Sum of item codes 2101–2155)
TARERED BOLLER READINGS INCLUDING OURS AND SOMES INVESTIGE
TAPERED ROLLER BEARINGS, INCLUDING CUPS AND CONES, UNMOUNTED
3329913132 2232 Cup and cone assemblies shipped as a set
3329913133 2233 Cups shipped separately
3329913134 2234 Cone assemblies shipped separately
3329913100 2299 TOTAL, tapered roller bearings, including cups and cones, unmounted (Sum of its codes 2232–2234)

REFERENCE LIST — Continued

FORM MA332Q		KEI EKENGE EIGT — Gontinded
Product code	Item code	Item description
		ROLLER BEARINGS (EXCEPT TAPERED), UNMOUNTED
3329915111 3329915112	2311 2312	Cylindrical roller bearings Regular (ABEC 1 and 3) Precision (ABEC 5 and up)
3329915124 3329915125	2324 2325	Spherical roller bearings, including hourglass and barrel Single-row Double-row
3329915141	2341	Needle roller bearings
3329915193	2393	Other roller bearings, n.e.c.
3329915100	2399	TOTAL, roller bearings, (except tapered), unmounted (Sum of item codes 2311–2393)
		MOUNTED BEARINGS (EXCEPT PLAIN)
3329917117	2417	Ball bearings, unit and/or split mounted
3329917153 3329917155	2453 2455	Roller Unit-mounted Split-mounted
3329917100	2499	TOTAL, mounted bearings (except plain) (Sum of item codes 2417–2455)
		PARTS AND COMPONENTS FOR BALL AND ROLLER BEARINGS (EXCEPT CUPS AND CONES), INCLUDING BALLS AND ROLLERS SOLD SEPARATELY
3329919111	2911	Balls (thousands of units)
3329919121	2921	Other antifriction ball bearing components and parts, including unassembled ball bearings, cages, races, seals, shields, etc. (except balls)
3329919131	2931	Rollers (thousands of units)
3329919135 3329919136 3329919137 3329919149	2942 2944 2946 2953	Other roller bearing parts and components (except rollers) For tapered roller bearings (except cup and cone assemblies) For cylindrical roller bearings For spherical roller bearings For other roller bearings
3329919159	2959	Housings and parts and components for housings, including housing closures, collars, spacers, sleeves, adapters, and other miscellaneous items
3329919100	2999	TOTAL, parts and components for ball and roller bearing (except cups and cones), including balls and rollers sold separately (Sum of item codes 2911–2959)

10/25/07

30 Days After Receipt **DUE DATE:**

OMB No. 0607-0392: Approval expires 07-31-09

REPORT FOR CALENDAR YR 2007

U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS

FORM MA3320

CURRENT INDUSTRIAL REPORTS

ANTI-FRICTION BEARINGS {Shipments}

If you have questions regarding this report form please contact:

G. PEEBLES-BUTLER X3 1(800)201-4647

EMPLOYER IDENTIFICATION (EI) NUMBER. Identification number used on Employer's Quarterly Federal Tax Return (U.S. Treasury Department Form 941) (Enter if not shown, correct if wrong.)

CONTACT PERSON (Enter information if not shown, correct if wrong.) Name ATTN: Controller

Area code

Number

Fax number

PART I

The 8-digit number that appears above indicates that the Office of Management and Budget has approved this survey. If that number is not displayed, do not complete this form. YOUR RESPONSE IS REQUIRED BY LAW {Title 13, United States Code}. By section 9 of the same law, YOUR REPORT IS CONFIDENTIAL. It may be seen only by persons sworn to uphold the confidentiality of Census Bureau information and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining to this establishment's report, please refer to the 11 digit Identification Number (ID) 01234567890

2007A1

MA332Q

SEQ: 1

ATTN: Controller

DUMMY

DUMMY

20746

(Please correct any error in name and address including ZIP Code)

Enter or correct email address:[

FOR EACH ITEM LISTED BELOW, ENTER FIGURES OR "0" for current period. (The figures shown in the shaded areas were reported for the previous two periods.) PLEASE REFER TO THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT FORM.

tor the previous two periods.	PLEAS	E NEFEN I	U INE INSTRUC	JIONS BEFORE				
Item (Product code – Description)	ltem code	Report period		Shipments & Export Value \$1,000	purc your furt	not report hased prod company p her fabric ificant as	ucts on wh erformed r ation or	ich
3329911101-Ball bearings, comp.annul.,grnd or precis.	2101	2007	1	2	3	4	5	. 6
single-row conrad, minia- ture regular {ABEC 1 and 3}		2006				and the second s		
		2005		***		A CONTRACTOR OF THE CONTRACTOR		
3329911102-Ball bearings, comp. annul.,grnd or precis. single-row conrad, minia-ature precis.{ABEC 5 & up}	2102	2007 2006						
		2005						
3329911103-Ball bear.,com., annular,grd.or prec.,single row conrad,other regular, 9mm O.D. through 30mm.O.D.	2103	2007	-			A CONTRACTOR CONTRACTO		
		2006						
		2005	<u> </u>					
3329911104-Ball bear.,com., annular,grnd.or prec.,single	2104	2007	-	ANDELONGO				
row conrad, other reg. over 30mm O.D. through 52mm.O.D.		2006		and the second s				
		2005		sa s				

Figures not received when form was prepared. PLEASE ENTER, if not previously submitted.

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CURRENT INDUSTRIAL REPORTS – Continued

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PART I - Continued Item (Product code - Description)	Item code	Report period	Total Domestic Quantity Number of units	Shipments & Export Value \$1,000	purc your furt sign	not report nased prod company p her fabric ificant as	ucts on wherformed ation or sembly.	ich io
3329911105-Ball bear.,comp., annular,grnd.or prec.,single row conrad, other reg., over 52mm O.D. through 100mm O.D.	2105	2007 2006 2005		2	3	. 4	5	6
3329911107-Ball bear.,comp., annular,grnd.or prec.,single row conrad, other regular, over 100mm O.D.	2107	2007						
3329911109-Ball bear.,com., annular,grnd.or prec.,single row conrad, other precision, 9mm O.D. through 30mm O.D.	2109	2007 2006 2005						
3329911111-Ball bear.,comp., annular,grnd.or prec.,single row conrad,other precision, over 30mm O.D.thru 52 mm.O.D	2111	2007 2006 2005						
3329911112-Ball bear.,comp., annular,grnd.or prec.,single row conrad,other prec.,over 52mm O.D. through 100mm O.D	2112	2007 2006 2005						
3329911113-Ball bear.,comp., annular,grnd.or precision, single row conrad, other precision,over 100mm 0.D.	2113	2007 2006 2005		· · · · · · · · · · · · · · · · · · ·				
3329911114-Ball bearings, complete, annular,ground or precision single-row maximum capacity type	2114	2007 2006 2005						3
3329911118-Ball bearings, complete, integral shaft & integral spindle ball bearings	2118	2007 2006 2005						
3329911120-Ball bearings, complete, annular, ground or precision, double-row	2120	2007 2006 2005						
3329911119-Ball bearings, complete, annular, ground or precision, angular contact, regular	2121	2007 2006 2005						

CURRENT INDUSTRIAL REPORTS - Continued

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Page

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PART I - Continued		, , , , , , , , , , , , , , , , , , , 		·			,	·
Item (Product code – Description)	ltem code	Report period	Quantity Number of units	\$1,000	purc your furt sign	not report hased prod company p her fabric ificant as	ucts on wherformed ation or sembly.	nich
3329911123-Ball bearings,			1	2	3 .	4	5	6
complete, annular, ground or precision, angular	2123	2007						
contact, precision		2006		***************************************				
		2005			rannonia di constanti di consta	***************************************		
3329911124-Ball bearings,								
complete, annular, Other ground or precision	2124	2007		-				
bearings {ABEC 1 and up}		2006						
		2005			***************************************	***************************************		
3329911127-Ball bear., comp- lete, annular,ground or	2126	2007		landar contract of the contrac	inaconomica			
precision ground bearings of								
less than ABEC 1 precision		2006						
		2005						
3329911129-Ball bearings, complete, annular, unground	2128	2007			Western Control of the Control of th	10000000000000000000000000000000000000		
{less than ABEC 1}		2006						
	-	2005		escendare de la companya del companya de la companya del companya de la companya	COMMANDO	vereini		
3329911133-Thrust ball bearings, complete - ground	2133	2007		and the second				
·		2006			and the same of th	-		
		2005						
3329911135-Thrust ball bearings, complete -	2135	2007						
unground		2006					``	
		2005		***************************************		***************************************		
3329911155-Other ball bearings	2155	2007		An Announce of the Control of the Co	AND THE PROPERTY OF THE PROPER			
		2006			and the second	and the second s		
·		- 2005				-		
3329911100-Total, ball bearings, complete, unmounted sum of codes {2101-2155}	2199	2007						
		2006						
		2005						
3329913132-Tapered roller bearings – cup and cone	2232	2007	-	AX	0.00 M	00		
assemblies shipped as a set-		2006		·		***************************************		
incl cups & cones, unmounted		2005				*		
3329913133-Tapered roller		2005						
bearings - cups shipped	2233	2007		enativity a state	**************************************	·		
separately - including cups, unmounted		2006				and the second s		
		2005		a constant and a cons	and the state of t	and the state of t		
FORM CIR-2 (Continuation) (10-24-2002)	·	·	•			·	·	<u> </u>

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			Street,		U 1	4		
PART I – Continued					(D-		immontad	
ltem (Product code – Description)	Item code	Report period	Total Domestic Quantity Number of units	Shipments & Export Value \$1,000	purc your furt	not report hased prod company p her fabric ificant as	ucts on wh erformed r ation or	nich
3329913134-Tapered roller bearings - cone assemblies	2234	2007	1	2	3	4	5	6
shipped separately - including cones, unmounted		2006		and the same of th		***************************************		
3329913100-Total, tapered		2005				and the second		
roller bearings (sum of codes 2232-2234) including	2299	2007		TO CONTRACTOR OF THE PARTY OF T	TORAN COLONO COLON	ennanneten en e		
cups & cones, unmounted		2006 2005		AND THE STATE OF T				
3329915111-Cylindrical roller bearings - regular {ABEC 1	2311	2007		a deligosoporarios de la companio del companio de la companio del companio de la companio del la companio de la	The second secon	-	***************************************	
and 3}		2006						
	·	2005			2	Vanishing	onizente en	***************************************
3329915112-Cylindrical roller bearings - precision {ABEC	2312	2007		no consistence de la consistence della consisten	SEASON STATE OF THE SEASON		on and the second secon	-
5 and up}		2006						
		2005					***************************************	
3329915124-Spherical roller bearings, including hour-	2324	2007		G2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-	-		10222222	
glass and barrel - single-row		2006	:					
		2005						
3329915125-Spherical roller bearings, including hour-	2325	2007			·			
glass and barrel - double-row		2006						
		2005						
3329915141-Needle roller bearings	2341	2007						,
		2006						
		2005			***			4.
3329915193-Other roller bearings, n.e.c.	2393	2007			000000000000000000000000000000000000000	Account of the second of the s		
		2006						
		2005						
3329915100-Total, cylindri- cal, spherical, needle, and	2399	2007		and the control of th	nneriteinriteinriteinriteinriteinriteinriteinriteinriteinriteinriteinriteinriteinriteinriteinriteinriteinritein	www.weeleneressia		
other roller bearings {sum of codes 2311-2393}		2006		American Control of the Control of t	Siano Company			
		2005			***************************************		***************************************	***************************************
3329917117-Mounted bearings, except plain - ball bear- ings, unit and/or split-	2417	2007		2222	Comments in the Comments of th			1
mounted		2006					No.	
:		2005		***************************************				

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CURRENT INDUSTRIAL REPORTS - Continued

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PART I - Continued {Do not report imported or Total Shipments purchased products on which Domestic & Export your company performed no Item Item Report further fabrication or (Product code - Description) code period Quantity Value significant assembly.} Number \$1,000 of units 3 3329917153-Mounted bearings. except plain - roller, 2453 2007 unit-mounted 2006 2005 3329917155-Mounted bearings, 2455 2007 except plain - roller, split-mounted 2006 2005 3329917100-Total, mounted 2499 bearings, except plain 2007 {sum of codes 2417-2455} 2006 2005 Quantity {Do not report imported produced Shipments or purchased products on Total Domestic & Export for all which your co. performed no further fabrication purposes or significant assembly} Quantity Value 1,000 1,000 units \$1,000 units PARTS & COMPONENTS FOR BALL & ROLLER BEARINGS, INCL. BALLS & ROLLERS, SOLD SEP. {EXCEPT CUPS & CONES} 3329919111-Balls {thousands 2911 of units} 2007 2006 2005 3329919121-Other antifriction 2921 2007 ball bearing components XXXXXXXXXX& parts {see manual for 2006 XXXXXXXXXX inclusions} {value only} 2005 XXXXXXXXXX 3329919131-Rollers {thousands 2931 2007 of units} 2006 2005 3329919135-Roller bearing parts & compon. {ex. rollers 2942 2007 XXXXXXXXXX for tapered roller bearings 2006 XXXXXXXXXX{ex. cup & cone assembly} 2005 XXXXXXXXXX

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► PART I – Continued										
ltem (Product code – Descri	ption)	ltem code	Report period	Total Domestic Quantity 1,000 units	Shipments & Export Value \$1,000	for all purposes 1,000 units	{Do not ror purchase which you no further or signif	sed p r co. r fab icant	rodu per rica ass	cts on formed tion embly}
3329919136-Roller bea		0044	2007	1	2	3	4	5		6
parts & components {except rollers} for cyclindrical roller bearings	2944	2007	XXXXX		XXXXX					
		2006	XXXXX		XXXXX				· · · · · · · · · · · · · · · · · · ·	
3329919137-Roller bea	rina		2003	XXXXX						
parts & components {	[except	2946	2007	XXXXX		XXXXX				***************************************
rollers} for spheric roller bearings	i d I		2006	XXXXX		XXXXX	-			
			2005	XXXXX		XXXXX			,	
3329919149-Roller beaparts & components {		2953	2007	XXXXX	ricong-necessary	XXXXX				
rollers} for other r			2006	XXXXX		XXXXX				
pearings .			2005	XXXXX		XXXXX	and the second			and the second s
3329919159-Housings a		2050	0007	VVVVV		VVVV				and the second
<pre>& components for housings, {see manual for inclusions}</pre>		2959	2007	XXXXX		XXXXX				
			2006	XXXXX		XXXXX				
2220010100 Total nav	nts and		2005	XXXXX		XXXX				
3329919100-Total, parts and components for ball and	and	2999	2007	XXXXX		XXXXX		***************************************		
roller bearings {sur codes 2911-2959}	пот		2006	xxxxx		XXXXX				
	·			XXXXX		XXXXX				
If all your items are not le		2,000					dering this po-	i ad 2	-	
	en any cnai ndicate type				Skip to Part III.	stablishinent (during this per	ioui		ė.
	Na	ame of c	ompany		Address (Num	ber and street,	city, State, ZIP	Code)	Da	te of change
A. Purchased from										. '.
B. Sold to										
C. Plant discontinued all	operations		Date	Э						
D. Plant operations no lo	onger covere	ed by thi	s survey -	- Describe in "F	Remarks" the pi	roducts currentl	y produced.		***************************************	
E. Reorganized - Describ	be in "Remai	rks;" e.g.	., partners	ship change or	change in corp	orate status.				
PART III Do the figure	es shown o	n this r	eport and					s?		
Yes PART IV Remarks				∟ No – i	ndicate reason	s for difference	ın "Hemarks."		MORPHUM	
·										
PART V CERTIFICATI	ION - This r	enort ic	suhstantis	ally accurate an	id has been nre	epared in accord	dance with instr	uctions.		
Signature of authorized offi		oport is	Title	, 4004,410 41				Date		
		colul serior dell'alla			***************************************					
Complete and return the envelope provided or t		ne 🕨	1201	u of the Censu East Tenth Stre	et	NOTE: Please	make a photoc	opy of thi	is for y	our records.