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Industry, Trade
and Commerce

Industrie
et Commerce

Import Analysis

Analyse des importations

Pub.No. 02381 - A

ELECTRIC MOTORS, STATORS AND ROTORS

1979 AND 1980

**MATERIAL APPEARING IN SECTION II OF THIS REPORT MUST
NOT BE REPRINTED WITHOUT PRIOR PERMISSION FROM THE
IMPORT ANALYSIS**

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Industry, Trade & Commerce, Ottawa Canada,
K1A 0H5

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and 44516-2

(2) Trade of Canada Imports:
Import Classes 503-66, 503-67,
503-69 and 503-75

SECTION I

INTRODUCTION OF ANALYSIS

The following report shows the actual import figures on electric motors and certain parts as listed in Section II, published by Statistics Canada in the "Canadian Industrial Trade Classification Catalogue" for the year 1979 and 1980.

SECTION II

ANALYSIS OF IMPORTS

Imports of electric motors, rotors and stators during the calendar years 1979 and 1980 are as follows:

IMPORT SUMMARY

<u>Commodity</u>	<u>1979</u>		<u>1980</u>	
	<u>Quantity</u> (000's)	<u>Value</u> (\$,000)	<u>Quantity</u> (000's)	<u>Value</u> (\$,000)
AC Electric Motors	2,109	55,269	2,468	67,555
DC Electric Motors	750	23,265	730	24,355
Other Electric Motors	2,407	64,664	2,471	52,725
Rotors, Stators for Electric Motors	-	10,804	-	11,217

Full details of the summary are provided in the following table.

TABLE 1 - AC ELECTRIC MOTORS

<u>Electric Induction Motors</u>	<u>Country of Export</u>	<u>Size</u>	<u>1979⁽¹⁾</u>		<u>1980⁽²⁾</u>	
			<u>Quantity</u> <u>(No.)</u>	<u>Value</u> <u>(\$,000)</u>	<u>Quantity</u> <u>(No.)</u>	<u>Value</u> <u>(\$,000)</u>
		<u>AC 1/3 HP & under</u>				
	United Kingdom		14,714	445		
	France		276	11		
	West Germany		23,802	412		
	Hong Kong		*	*		
	Japan		9,333	65		
	Mexico		*	*		
	United States		<u>1,369,128</u>	<u>15,157</u>		
			<u>1,575,439</u>	<u>16,889</u>	<u>1,874,385</u>	<u>21,838</u>
		<u>AC over 1/3 PH to 1 HP Inc.</u>				
	United Kingdom		19,399	1,049		
	France		*	*		
	West Germany		4,053	111		
	Italy		514	4		
	Japan		711	56		
	United States		<u>393,623</u>	<u>10,980</u>		
			<u>419,798</u>	<u>12,239</u>	<u>462,354</u>	<u>13,272</u>
		<u>AC over 1 HP to under 20 HP</u>				
	United Kingdom		26,949	3,521		
	France		232	83		
	West Germany		268	68		
	Italy		38	10		
	Sweden		67	17		
	Japan		9,129	1,152		
	United States		<u>63,579</u>	<u>9,090</u>		
			<u>102,805</u>	<u>14,238</u>	<u>121,209</u>	<u>17,287</u>

TABLE 1 - AC ELECTRIC MOTORS (Cont'd)

Electric Induction Motors (Cont'd)	Country of Export	Size	1979 ⁽¹⁾		1980 ⁽²⁾	
			Quantity (No.)	Value (\$,000)	Quantity (No.)	Value (\$,000)
		<u>AC 20 HP to 200 HP incl.</u>				
	United Kingdom		4,503	2,725		
	France		606	266		
	West Germany		66	89		
	Sweden		*	*		
	Japan		1,741	1,336		
	Mexico		454	186		
	United States		3,204	3,214		
			<u>10,738</u>	<u>7,891</u>	<u>9,831</u>	<u>10,007</u>
		<u>AC over 200 HP</u>				
	United Kingdom		57	794		
	France		*	*		
	West Germany		*	*		
	Sweden		13	283		
	Japan		94	1,270		
	Mexico		*	*		
	United States		133	1,631		
			<u>302</u>	<u>4,012</u>	<u>517</u>	<u>5,150</u>
TOTAL - AC ELECTRIC MOTORS			<u>2,109,082</u>	<u>55,269</u>	<u>2,468,296</u>	<u>67,555</u>

TABLE 2 - DC ELECTRIC MOTORS

<u>Motors, Electric, DC</u>	<u>Country of Export</u>	<u>Size</u>	<u>1979⁽¹⁾</u>		<u>1980⁽²⁾</u>	
			<u>Quantity</u> (No.)	<u>Value</u> (\$,000)	<u>Quantity</u> (No.)	<u>Value</u> (\$,000)
		<u>DC 1/3 HP & under</u>				
	United Kingdom		1,001	99		
	France		7,407	21		
	West Germany		4,939	28		
	Italy		*	*		
	Hong Kong		122,439	141		
	Japan		17,487	67		
	Taiwan		61,300	32		
	United States		427,119	3,389		
			<u>643,382</u>	<u>3,799</u>	<u>606,302</u>	<u>4,752</u>
		<u>DC over 1/3 HP to 1 HP incl.</u>				
	United Kingdom		*	*		
	West Germany		14	2		
	Japan		537	47		
	United States		71,186	3,207		
			<u>71,852</u>	<u>3,273</u>	<u>70,308</u>	<u>3,426</u>
		<u>DC over 1 HP to under 20 HP</u>				
	United Kingdom		42	18		
	Denmark		99	53		
	France		247	86		
	West Germany		12	7		
	Sweden		16	15		
	United States		29,249	4,299		
			<u>31,624</u>	<u>4,703</u>	<u>49,858</u>	<u>6,499</u>
		<u>DC 20 HP to 200 HP incl.</u>				
	United Kingdom		113	78		
	France		*	*		
	West Germany		7	65		
	Sweden		21	175		
	Mexico		205	210		
	United States		1,269	3,833		
			<u>3,429</u>	<u>8,913</u>	<u>3,138</u>	<u>6,381</u>

TABLE 2 - DC ELECTRIC MOTORS (Cont'd)

	Country of Export	Size DC over 200 HP	1979 ⁽¹⁾		1980 ⁽²⁾	
			Quantity (No.)	Value (\$,000)	Quantity (No.)	Value (\$,000)
<u>Motors, Electric, DC (Cont'd)</u>						
	United Kingdom		*	*		
	West Germany		*	*		
	Sweden		39	573		
	Japan		8	227		
	Mexico		6	76		
	United States		96	1,423		
			<u>155</u>	<u>2,577</u>	<u>168</u>	<u>3,297</u>
TOTAL - DC ELECTRIC MOTORS			750,442	23,265	729,774	24,355

TABLE 3 - OTHER ELECTRIC MOTORS

<u>Motors, Electric, Universal</u>	United Kingdom	15	3		
	West Germany	*	*		
	Switzerland	163	4		
	Japan	1,022	19		
	United States	172,437	1,556		
		<u>200,674</u>	<u>1,763</u>	<u>185,764</u>	<u>1,649</u>
<u>Gearmotors, Electrical</u>	United Kingdom	595	149		
	West Germany	147	153		
	Sweden	8	29		
	Japan	13,572	398		
	Taiwan	5,253	283		
	United States	49,456	3,487		
		<u>69,072</u>	<u>4,534</u>	<u>39,759</u>	<u>3,941</u>
<u>Breakmotors, Electrical</u>	United States	998	27		
		<u>1,572</u>	<u>467</u>	<u>4,382</u>	<u>192</u>
<u>Motors, Electric Traction</u>	United States	2,550	16,968		
		<u>2,583</u>	<u>17,020</u>	<u>875</u>	<u>11,694</u>
<u>Motors, Electric Hollowshaft</u>	United States	25	17		
		<u>68</u>	<u>68</u>	<u>483</u>	<u>32</u>

TABLE 3 - OTHER ELECTRIC MOTORS (Cont'd)

<u>Country of Export</u>		<u>1979⁽¹⁾</u>		<u>1980⁽²⁾</u>	
		<u>Quantity</u> (No.)	<u>Value</u> (\$,000)	<u>Quantity</u> (No.)	<u>Value</u> (\$,000)
<u>Motors, Electric, n.e.s.</u>	United Kingdom	24,534	2,532		
	Austria	21	5		
	Belgium-Luxembourg	*	*		
	Denmark	171	50		
	Finland	6	4		
	France	20,866	1,040		
	West Germany	23,308	1,692		
	Italy	651	107		
	Netherlands	6,401	187		
	Norway	523	308		
	Sweden	427	216		
	Switzerland	1,014	70		
	Hong Kong	41,987	67		
	Singapore	13,032	95		
	Japan	46,595	1,785		
	Taiwan	2,083	9		
	Australia	224	3		
Mexico	850	178			
United States	1,943,864	32,265			
	<u>2,133,071</u>	<u>40,812</u>	<u>2,240,054</u>	<u>35,219</u>	
TOTAL - OTHER ELECTRIC MOTORS	2,407,040	64,664	2,471,317	52,725	

TABLE 4 - ROTORS, STATORS FOR ELECTRIC MOTORS

		<u>1979⁽¹⁾</u>	<u>1980⁽²⁾</u>
	<u>Country of Export</u>	<u>Value</u>	<u>Value</u>
		(\$,000)	(\$,000)
<u>Armatures & Rotors, DC Generators</u>	United States	69	39
		87	39
<u>Stators, DC Generators</u>	United States	398	116
		399	116
<u>Rotors & Stators, Refrigeration Compressor Motors</u>	United States	6,089	6,650
		6,095	6,650
<u>Armatures & Rotors, Electric Motors, n.e.s.</u>	United Kingdom	7	
	West Germany	2	
	Japan	382	
	United States	1,471	
		1,868	1,367
<u>Stators, Electric Motors, n.e.s.</u>	United States	883	3,044
		2,355	3,044
TOTAL - ROTORS, STATORS FOR ELECTRIC MOTORS		10,804	11,217

NOTES: (1) - 1979 - Because of the unusual amount of detail contained in this report, extra steps have been taken by Statistics Canada to prevent the disclosure (either directly or residually) of information pertaining to the operations of any single Canada firm. Accordingly, certain commodity/country cells are not shown at this level, although the data are included in the total for the CITC class in question.

(2) - 1980 preliminary figures by individual countries are not available.

* - Confidential

- Dollar values shown are based either on the selling price F.O.B. point duty purposes determined according to the Customs Act.

SOURCE: Statistics Canada - Import Merchandise Trade Commodity Detail, Catalogue No. 65-207 Annual.

SECTION III

CANADIAN AND FOREIGN TARIFFS

CANADA

Electric motors included in this analysis were dutiable under the most commonly applied tariff items.

<u>Tariff Item</u>	<u>Description</u>	<u>British Preferential Tariff</u>	<u>Most Favoured Nation Tariff</u>	<u>General Tariff</u>	<u>General Preferential Tariff</u>	<u>U.K. & Ireland</u>
44516-1	Electric motors, and complete parts thereof, n.o.p.....	14.3%	14.3%	37.5%	9.5%	14.3%
44516-2	Electric motors over 1/10 horsepower but less than 1 horsepower; complete parts thereof	14.7%	14.7%	37.5%	9.5%	14.7%

Tariff items and rates of duty are subject to change, and need to be verified by direct reference to:

Customs Programs Branch, Secretariat
Department of National Revenue
Customs and Excise
OTTAWA K1A 0L5

FOREIGN COUNTRIES

Inquiries concerning tariffs and other government trade regulations in foreign countries should be directed to:

International Bureaux
Department of Industry, Trade and Commerce
OTTAWA K1A 0H5

Import Analysis
Corporate Systems Branch
Department of Industry, Trade and Commerce
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