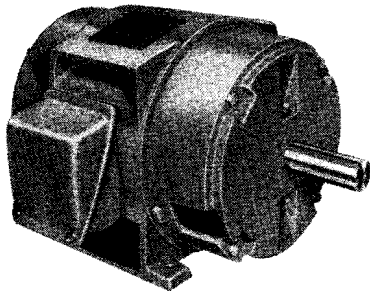




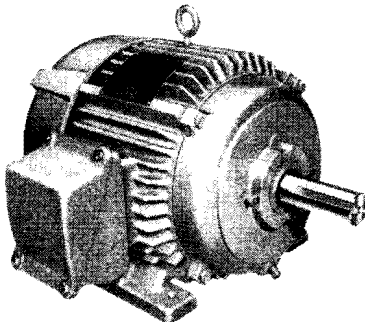
February 1, 1977  
Supersedes 2942 P WE A Price List  
pages 1-8 dated June 19, 1975  
Prices effective February 1, 1977 and  
subject to change without notice.  
(Refer to Selling Policy 2900)  
Mailed to: E, D, C/1714/PL

Squirrel Cage, Frames 143T-449T  
200, 230, 460 or 575 Volts  
3 Phase, 60 Hertz  
Horizontal, Continuous, Ball Bearing

## Specific Purpose Life-Line T Multi-Speed Motors



Drip-proof, 1.15 Service Factor  
40°C Ambient, Class B Insulation



Totally Enclosed, 1.00 Service Factor  
40°C Ambient, Class B Insulation

### Ordering Information

#### Ac Squirrel Cage Multi-Speed Motors

When ordering, specify type, frame, horse-  
powers, speeds, number of windings, torque  
characteristics, voltage (single only), phase,  
frequency, mounting and any special  
features.

### Electrical Specifications

#### Ambient Temperature

Standard motors are designed for oper-  
ation in an ambient temperature not ex-  
ceeding 40°C (104°F) with 1.15 service  
factor on drip-proof and 1.00 on totally  
enclosed motors.

#### Altitude

Standard motors are designed for operation  
at an altitude not exceeding 3300 feet  
(1000 meters).

#### Voltage and Frequency, Allowable Variation

Motors will operate successfully under the  
following conditions of voltage and fre-  
quency variations, but not necessarily in  
accordance with standards established for  
operation at normal rating:

Where the variation of voltage does not  
exceed 10 percent above or below normal,

or, where the variation of frequency does  
not exceed 5 percent above or below  
normal,

or, where the combined variation of voltage  
and frequency does not exceed 10 percent  
(with the variation of frequency not ex-  
ceeding 5 percent) above or below the  
nameplate rating.

### Speed Combinations

#### One winding, Consequent Pole Type

Two speeds are obtained by regrouping the  
windings. The low speed is one half the  
high speed.

#### Two Winding, Two Speed

Each winding is designed to operate at  
only one speed and the two speeds are not  
required to have any definite relation to  
each other. This permits a large number of  
speed combinations.

#### Two Winding, Four Speed

Stator winding is composed of two conse-  
quent pole windings. Each winding gives  
two speeds having a relation of 2 to 1 to  
each other. The standard 60 hertz speed  
combinations are 1800/1200/900/600 rpm  
and 1200/900/600/450 rpm.

### Torque Classification

Multi-speed motors are divided into three  
general torque groups, each for a definite  
type of application:

**Variable torque motors** have horsepower  
ratings that vary as the square of the speed,  
torque varying directly with the speed.  
These motors are used on drives having fan  
or centrifugal pump load characteristics.

**Constant torque motors** have horsepower  
ratings that vary directly with the speed  
and are used on loads such as compressors,  
conveyors, feeders, etc.

**Constant horsepower motors** have the  
same horsepower rating at each speed,  
torque varying inversely with speed. These  
motors are used where horsepower is the  
same for all speeds, as in some machine tools.

### References

**Discounts and Multipliers:**  
Selling Policy 2900

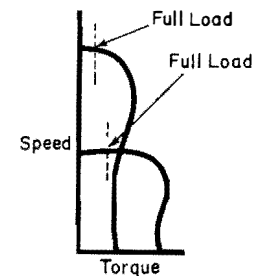
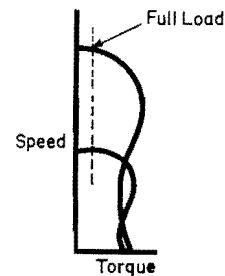
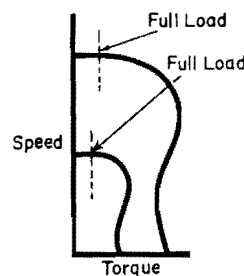
**Delivery:**  
Stock and Shipment Bulletin 2917M  
Block 17

**Dimensions:**  
Dimension Sheet 2938:  
Type S, DP, page 1

Life-Line T, DP, pages 5-6

Life-Line T, TEFC and EP, pages 21-22

### Typical Curves



**Variable Torque** (Horsepower Varies as Square of Speed)  
**Block 17, Drip-proof, 1.15 Service Factor, 40°C Ambient, Class B Insulation**  
 Two Speed, One or Two Winding, W-2T Discount Symbol

Hp at Top Speed	Frame <sup>②</sup>	Mod. Symbol	List Price W-2T	Frame <sup>②</sup>	Mod. Symbol	List Price W-2T	Frame <sup>②</sup>	Mod. Symbol	List Price W-2T
<b>3600/1800 Rpm, One Winding</b>									
1	143T <sup>⑦</sup>	C	\$ 188	143T <sup>⑦</sup>	D	\$ 166	145T <sup>③⑦</sup>	E	\$ 208
1½	143T <sup>⑦</sup>	D	188	145T <sup>⑦</sup>	E	180	182T <sup>⑦</sup>	E	232
2	145T <sup>⑦</sup>	E	210	145T <sup>⑦</sup>	E	212	184T <sup>⑦</sup>	F	252
3	182T <sup>⑦</sup>	E	240	182T <sup>⑦</sup>	F	240	213T <sup>⑦</sup>	G	318
5	182T <sup>⑦</sup>	F	282	184T <sup>⑦</sup>	G	328	215T <sup>⑦</sup>	H	450
7½	184T <sup>③⑦</sup>	G	364	215T <sup>⑦</sup>	H	436	254T <sup>⑦</sup>	J	588
10	213T <sup>⑦</sup>	H	424	215T <sup>⑦</sup>	J	540	256T <sup>⑦</sup>	K	716
15	215T <sup>⑦</sup>	J	614	254T <sup>⑦</sup>	K	742	284T	M	982
20	254T <sup>⑦</sup>	K	778	256T <sup>⑦</sup>	L	928	286T	N	1224
25	256T <sup>⑦</sup>	L	942	284T	M	1094	324T	P	1446
30	284TS	M	1120	286T	N	1296	326T	Q	1738
40	286TS	N	1458	324T	P	1648	364T	R	2156
50	324TS	P	1812	326T	Q	1954	365T	S	2608
60	326TS	Q	2170	364T	R	2260	404T	T	3014
75	364TS	R	2714	365T	S	2756	405T	U	3622
100	365TS	S	3652	404T	T	3480	444T	V	4588
125	404TS	T	4576	405T	U	4202	445T	W	5582
150	405TS	U	5570	444T	V	4918	449T	W	6520
200	444TS	V	7552	445T	W	6334	449T <sup>③</sup>	W	8854
250	445TS <sup>④</sup>	W	9340	449T <sup>④</sup>	W	8354	....	..	....
300	449TS <sup>④</sup>	W	11879	449T <sup>③④</sup>	W	10242	....	..	....
<b>1800/1200 Rpm, Two Winding</b>									
1	182T <sup>⑦</sup>	D	294	182T <sup>⑦</sup>	D	294	182T <sup>⑥⑦</sup>	E	320
1½	182T <sup>⑦</sup>	E	318	182T <sup>⑦</sup>	E	318	182T <sup>⑥⑦</sup>	F	346
2	182T <sup>⑦</sup>	E	336	182T <sup>⑦</sup>	E	336	184T <sup>⑦</sup>	F	366
3	184T <sup>⑦</sup>	F	382	184T <sup>⑦</sup>	F	382	184T <sup>⑦</sup>	G	416
5	215T <sup>⑦</sup>	G	520	213T <sup>⑦</sup>	G	520	215T <sup>⑦</sup>	H	566
7½	215T <sup>⑦</sup>	H	720	215T <sup>⑦</sup>	H	720	254T <sup>⑦</sup>	J	780
10	254T <sup>⑦</sup>	J	892	254T <sup>⑦</sup>	J	892	256T <sup>⑦</sup>	K	968
15	256T <sup>⑦</sup>	K	1126	256T <sup>⑦</sup>	K	1126	284T	L	1228
20	284T	L	1408	284T	L	1408	286T	M	1536
25	286T	M	1658	286T	M	1658	324T	N	1810
30	324T	N	1966	324T	N	1966	326T	P	2146
40	326T	P	2328	326T	P	2328	364T	Q	2556
50	365T	Q	2764	365T	Q	2764	365T	R	3034
60	404T	R	3194	404T	R	3194	404T	S	3506
75	404T	S	3896	404T	S	3896	405T	T	4276
100	405T	T	4680	405T	T	4680	444T	U	5160
125	444T	U	5652	444T	U	5652	445T	V	6230
150	445T	V	6614	445T	V	6614	449T	W	7124
200	449T	W	8518	449T	W	8518	449T <sup>③</sup>	W	9392
<b>1200/900 Rpm, Two Winding</b>									
1	182T <sup>⑦</sup>	E	332	182T <sup>⑦</sup>	E	332	....	..	....
1½	184T <sup>⑦</sup>	F	372	184T <sup>⑦</sup>	F	372	....	..	....
2	213T <sup>⑦</sup>	F	404	213T <sup>⑦</sup>	F	404	....	..	....
3	215T <sup>⑦</sup>	G	508	215T <sup>⑦</sup>	G	508	....	..	....
5	254T <sup>⑦</sup>	H	692	254T <sup>⑦</sup>	H	692	....	..	....
7½	254T <sup>⑦</sup>	J	904	254T <sup>⑦</sup>	J	904	....	..	....
10	256T <sup>⑦</sup>	K	1100	284T	K	1100	....	..	....
15	286T <sup>③</sup>	M	1456	286T	M	1456	....	..	....
20	324T	N	1812	324T	N	1812	....	..	....
25	326T	P	2172	326T	P	2172	....	..	....
30	364T	Q	2484	364T	Q	2484	....	..	....
40	365T	R	3004	365T	R	3004	....	..	....
50	404T	S	3506	365T	S	3506	....	..	....
60	405T	T	4052	404T	T	4052	....	..	....
75	444T	U	4872	405T	U	4872	....	..	....
100	445T	V	6012	444T	V	6012	....	..	....
125	449T	W	7316	449T <sup>③</sup>	W	7316	....	..	....
150	449T <sup>③</sup>	W	8542	....	....	....	....	..	....

② Suffix "TS" after frames designates short shaft for coupled service.  
 Suffix "T" after frames designates long shaft for belted service.  
 Short shafts "TS" for coupled service can be furnished at no charge when specified on frames 284T-449T.  
 ③ Class F insulation

④ 1.00 Service Factor.  
 ⑥ 200 volt and 230 volt only.  
 ⑦ Type S motor.  
 Note: Motors Frame 364T and larger at voltages below 460 volts require price addition. Refer to Westinghouse.



**Variable Torque (Horsepower Varies as Square of Speed)**  
**Block 17, Totally Enclosed Fan Cooled<sup>⑤</sup>, 1.00 Service Factor, 40°C Ambient, Class B Insulation**  
 Two Speed, One or Two Winding, W-2T Discount Symbol

Hp at Top Speed	Frame <sup>②</sup>	Mod. Symbol	List Price W-2T	Frame <sup>②</sup>	Mod. Symbol	List Price W-2T	Frame <sup>②</sup>	Mod. Symbol	List Price W-2T
	<b>3600/1800 Rpm, One Winding</b>			<b>1800/900 Rpm, One Winding</b>			<b>1200/600 Rpm, One Winding</b>		
1	143T <sup>⑦</sup>	C	\$ 226	143T <sup>⑦</sup>	D	\$ 204	145T <sup>①⑦</sup>	E	\$ 250
1½	143T <sup>⑦</sup>	D	226	145T <sup>⑦</sup>	E	220	182T <sup>⑦</sup>	E	280
2	145T <sup>⑦</sup>	E	252	145T <sup>⑦</sup>	E	262	184T <sup>⑦</sup>	F	304
3	182T <sup>⑦</sup>	E	288	182T <sup>⑦</sup>	F	298	213T	G	382
5	184T <sup>⑦</sup>	F	362	184T <sup>①⑦</sup>	G	406	215T	H	554
7½	213T	G	448	215T	H	540	254T	J	724
10	215T	H	554	215T <sup>③</sup>	J	670	256T	K	880
15	254T	J	720	256T	K	922	286T	M	1238
20	256T	K	964	284T	L	1152	324T	N	1540
25	284TS	L	1170	286T	M	1358	326T	P	1846
30	286TS	M	1390	324T	N	1610	364T	Q	2422
40	324TS	N	2012	326T	P	2044	365T	R	3004
50	326TS	P	3000	364T	Q	2764	404T	S	3956
60	364TS	Q	3890	365T	R	3194	405T	T	4572
75	365TS	R	5242	404T	S	4180	444T	U	5496
100	405TS	S	7050	444T	T	5280	445T	V	7910
125	444TS	T	8836	445T	U	6960	447T	W	9626
150	445TS	U	10758	447T	V	8694	447T <sup>③</sup>	W	11240
200	447TS	V	14582	447T <sup>③</sup>	W	10854	449T <sup>③</sup>	W	15266
250	449TS <sup>③</sup>	W	18038	449T <sup>③</sup>	W	14406	....	..	.....
	<b>1800/1200 Rpm, Two Winding</b>			<b>1800/900 Rpm, Two Winding</b>			<b>1800/600 Rpm, Two Winding</b>		
1	182T <sup>⑦</sup>	D	320	182T <sup>⑦</sup>	D	320	182T <sup>⑥⑦</sup>	E	372
1½	182T <sup>⑦</sup>	E	346	182T <sup>⑦</sup>	E	346	182T <sup>⑥⑦</sup>	F	400
2	182T <sup>⑦</sup>	E	408	182T <sup>⑦</sup>	E	408	184T	F	424
3	184T <sup>⑦</sup>	F	464	184T <sup>⑦</sup>	F	464	213T	G	498
5	215T	G	632	215T	G	632	215T	H	678
7½	254T	H	840	254T	H	840	254T	J	930
10	254T	J	1042	256T	J	1042	256T	K	1154
15	284T	K	1434	284T	K	1434	286T	L	1460
20	286T	L	1792	286T	L	1792	324T	M	1824
25	324T	M	2112	324T	M	2112	326T	N	2148
30	326T	N	2504	326T	N	2504	364T	P	2548
40	364T	P	3180	364T	P	3180	365T	Q	3238
50	365T	Q	3774	365T	Q	3774	404T	S	3976
60	404T	S	4362	404T	R	4362	405T	T	4596
75	405T	T	5320	405T	S	5320	444T	U	5606
100	444T	U	6720	444T	T	6720	445T	V	7080
125	445T	V	8114	445T	U	8114	447T <sup>③</sup>	W	8550
150	447T	W	9488	447T	V	9488	....	..	.....
200	....	..	.....	449T <sup>③</sup>	W	12330	....	..	.....
	<b>1200/900 Rpm, Two Winding</b>			<b>1200/600 Rpm, Two Winding</b>					
1	182T <sup>⑦</sup>	E	390	182T <sup>⑦</sup>	E	390	....	..	.....
1½	184T <sup>⑦</sup>	E	438	184T <sup>⑦</sup>	E	438	....	..	.....
2	213T	F	484	213T	F	484	....	..	.....
3	215T	G	610	215T	G	610	....	..	.....
5	254T	H	830	254T	H	830	....	..	.....
7½	256T	J	1130	256T	J	1130	....	..	.....
10	284T	K	1376	284T	K	1376	....	..	.....
15	324T	M	1820	326T	M	1820	....	..	.....
20	326T	N	2356	364T	N	2356	....	..	.....
25	364T	P	2824	365T	P	2824	....	..	.....
30	365T	Q	3354	404T	Q	3354	....	..	.....
40	404T	R	4158	405T	S	4158	....	..	.....
50	405T	S	4854	444T	T	4854	....	..	.....
60	444T	T	5610	445T	U	5610	....	..	.....
75	445T	U	6744	447T	W	6744	....	..	.....
100	447T	V	8542	447T <sup>③</sup>	W	8542	....	..	.....
125	447T <sup>③</sup>	W	10396	....	..	....	....	..	.....

② Suffix "TS" after frames designates short shaft for coupled service.  
 Suffix "T" after frames designates long shaft for belted service.  
 Short shafts "TS" for coupled service can be furnished at no charge when specified on frames 284T-449T.  
 ③ Class F insulation.

⑤ For list prices of explosion proof motors, make price additions from page 8, of this price list, to the list price of the totally enclosed fan cooled motors of similar rating.  
 Prices listed are for Class I, Group D. Refer to Westinghouse for Class II applications.  
 ⑥ 200 volt and 230 volt only.  
 ⑦ Type S motor.

Note: Motors frame 364T and larger at voltages below 460 volts require price addition. Refer to Westinghouse.

**Constant Torque (Horsepower Varies as Speed)**  
**Block 17, Drip-proof, 1.15 Service Factor, 40°C Ambient, Class B Insulation**  
 Two Speed, One or Two Winding, W-2T Discount Symbol

Hp at Top Speed	Frame <sup>②</sup>	Mod. Symbol	List Price W-2T	Frame <sup>②</sup>	Mod. Symbol	List Price W-2T	Frame <sup>②</sup>	Mod. Symbol	List Price W-2T
<b>3600/1800 Rpm. One Winding</b>			<b>1800/900 Rpm. One Winding</b>			<b>1200/600 Rpm. One Winding</b>			
1	143T <sup>⑦</sup>	C	\$ 240	182T <sup>⑦</sup>	D	\$ 204	182T <sup>⑦</sup>	E	\$ 274
1½	145T <sup>⑦</sup>	D	240	182T <sup>⑦</sup>	E	220	184T <sup>⑦</sup>	E	305
2	182T <sup>⑦</sup>	E	268	182T <sup>⑦</sup>	E	256	213T <sup>⑦</sup>	F	334
3	182T <sup>⑦</sup>	E	308	184T <sup>⑦</sup>	F	290	215T <sup>⑦</sup>	G	420
5	184T <sup>⑦</sup>	F	362	213T <sup>⑦</sup>	G	396	254T <sup>⑦</sup>	H	606
7½	213T <sup>⑦</sup>	G	448	215T <sup>⑦</sup>	H	556	284T	J	792
10	215T <sup>⑦</sup>	H	554	254T <sup>⑦</sup>	J	688	284T	K	962
15	254T <sup>⑦</sup>	J	720	256T <sup>⑦</sup>	K	870	324T	M	1346
20	256T <sup>⑦</sup>	K	912	284T	L	1088	326T	N	1676
25	284TS	L	1106	286T	M	1282	364T	P	2010
30	286TS	M	1312	324T	N	1520	364T	Q	2360
40	324TS	N	1710	326T	P	1760	365T	R	3004
50	326TS	P	1938	364T	Q	2090	404T	S	3596
60	364TS	Q	2318	365T	R	2414	405T	T	4156
75	365TS	R	2902	404T	S	2946	444T	U	4996
100	404TS	S	3902	405T	T	3720	445T	V	6328
125	405TS	T	4892	444T	U	4492	449T	W	7700
150	444TS	U	5956	445T	V	5258	449T	W	8992
200	445TS	V	8072	449T	W	6770	....	..	....
250	449TS <sup>④</sup>	W	9986	449T <sup>③④</sup>	W	8932	....	..	....
<b>1800/1200 Rpm. Two Winding</b>			<b>1800/900 Rpm. Two Winding</b>			<b>1800/600 Rpm. Two Winding</b>			
1	182T <sup>⑦</sup>	D	320	182T <sup>⑦</sup>	D	320	182T <sup>⑦</sup>	E	384
1½	182T <sup>⑦</sup>	E	346	184T <sup>⑦</sup>	E	346	184T <sup>⑦</sup>	F	414
2	184T <sup>⑦</sup>	E	366	184T <sup>⑦</sup>	E	366	213T <sup>⑦</sup>	F	438
3	213T <sup>⑦</sup>	F	416	213T <sup>⑦</sup>	F	416	213T <sup>⑦</sup>	G	498
5	215T <sup>⑦</sup>	G	566	215T <sup>⑦</sup>	G	566	254T <sup>⑦</sup>	H	678
7½	254T <sup>⑦</sup>	H	750	254T <sup>③⑦</sup>	H	750	254T <sup>③⑦</sup>	J	900
10	256T <sup>⑦</sup>	J	930	256T <sup>⑦</sup>	J	930	256T <sup>③⑦</sup>	K	1116
15	284T	K	1228	284T <sup>③</sup>	K	1228	286T	L	1484
20	286T	L	1536	286T <sup>③</sup>	L	1536	324T	M	1856
25	324T	M	1814	324T	M	1814	326T	N	2186
30	326T	N	2146	326T	N	2146	364T	P	2592
40	364T	P	2612	364T	P	2612	365T	Q	3180
50	365T	Q	3100	365T	Q	3100	404T	R	3774
60	404T	R	3584	404T	R	3584	405T	S	4206
75	405T	S	4370	405T	S	4370	444T	T	5130
100	444T	T	5280	444T	T	5280	445T	U	6360
125	445T <sup>③</sup>	U	6376	445T <sup>③</sup>	U	6376	449T	W	7680
150	449T <sup>③</sup>	W	7462	449T	W	7462	449T <sup>③</sup>	W	8988
<b>1200/900 Rpm. Two Winding</b>			<b>1200/600 Rpm. Two Winding</b>						
1	182T <sup>⑦</sup>	E	348	184T <sup>⑦</sup>	E	348	....	..	....
1½	184T <sup>⑦</sup>	E	390	213T <sup>⑦</sup>	E	390	....	..	....
2	213T <sup>⑦</sup>	F	434	215T <sup>⑦</sup>	F	434	....	..	....
3	215T <sup>⑦</sup>	G	546	254T <sup>⑦</sup>	G	546	....	..	....
5	254T <sup>⑦</sup>	H	778	284T	H	778	....	..	....
7½	256T <sup>⑦</sup>	J	1018	286T	J	1018	....	..	....
10	284T	K	1238	324T	K	1238	....	..	....
15	324T	M	1638	326T	M	1638	....	..	....
20	326T	N	2038	364T	N	2038	....	..	....
25	364T	P	2334	365T	P	2334	....	..	....
30	365T	Q	2670	404T	Q	2670	....	..	....
40	404T	R	3312	405T	R	3312	....	..	....
50	404T	S	3866	444T	T	3866	....	..	....
60	405T	T	4468	445T	U	4468	....	..	....
75	444T <sup>③</sup>	U	5370	449T	W	5370	....	..	....
100	449T	W	6644	449T <sup>③</sup>	W	6644	....	..	....
125	449T <sup>③</sup>	W	8086	....	..	....	....	..	....

② Suffix "TS" after frames designates short shaft for coupled service.  
 Suffix "T" after frames designates long shaft for belted service.  
 Short shafts "TS" for coupled service can be furnished at no charge when specified on frames 284T-449T.

③ Class F insulation.  
 ④ 1.00 Service Factor  
 ⑦ Type S motor.  
**Note:** Motors frame and larger at voltages below 460 volts require price addition. Refer to Westinghouse.



**Constant Torque (Horsepower Varies as Speed)**  
**Block 17, Totally Enclosed Fan Cooled<sup>②</sup>, 1.00 Service Factor, 40°C Ambient, Class B Insulation**  
 Two Speed, One or Two Winding, W-2T Discount Symbol

Hp at Top Speed	Frame <sup>②</sup>	Mod. Symbol	List Price W-2T	Frame <sup>②</sup>	Mod. Symbol	List Price W-2T	Frame <sup>②</sup>	Mod. Symbol	List Price W-2T
<b>3600/1800 Rpm, One Winding</b>									
1	143T <sup>⑦</sup>	C	\$ 292	145T <sup>⑦</sup>	D	\$ 256	182T <sup>③⑦</sup>	E	\$ 324
1½	145T <sup>⑦</sup>	D	292	182T <sup>⑦</sup>	E	276	184T <sup>③</sup>	E	362
2	182T <sup>⑦</sup>	E	328	182T <sup>⑦</sup>	E	314	213T	F	394
3	182T <sup>⑦</sup>	E	374	184T <sup>③⑦</sup>	F	356	215T	G	496
5	184T <sup>⑦</sup>	F	464	213T	G	486	256T	H	744
7½	213T	G	574	215T	H	690	284T	J	972
10	215T	H	668	254T	J	856	286T	K	1182
15	254T	J	870	256T	K	1050	324T	M	1710
20	256T	K	1018	284T	L	1312	326T	N	2266
25	284TS	L	1236	286T	M	1546	364T	P	2716
30	286TS	M	1466	326T	N	1832	365T	Q	3106
40	326TS	N	2214	364T	P	2328	404T	R	4236
50	364TS	P	2750	365T	Q	3034	405T	S	4944
60	365TS	Q	3590	404T	R	3506	444T	T	5714
75	404TS	R	4868	405T	S	4750	445T	U	6870
100	405TS	S	6546	444T	T	6000	447T	W	8702
125	444TS	T	8206	445T	U	7534	447T <sup>③</sup>	W	10588
150	445TS	U	9990	447T <sup>①</sup>	W	8820	449T <sup>③</sup>	W	12364
200	449TS <sup>③</sup>	W	13540	449T <sup>③</sup>	W	11356	.....	..	.....
<b>1800/1200 Rpm, Two Winding</b>									
1	182T <sup>⑦</sup>	D	384	182T	D	384	182T <sup>⑦</sup>	E	448
1½	182T <sup>⑦</sup>	E	414	184T	E	414	184T <sup>⑦</sup>	E	484
2	184T <sup>⑦</sup>	E	438	184T	E	438	213T	F	512
3	213T	F	523	213T	F	532	215T	G	606
5	215T	G	724	215T	G	724	254T	H	824
7½	254T	H	960	254T	H	960	256T	J	1096
10	256T	J	1190	256T <sup>③</sup>	J	1190	284T	K	1358
15	284T	K	1536	284T <sup>③</sup>	K	1536	324T	L	1740
20	286T	L	1920	286T <sup>③</sup>	L	1920	326T	M	2176
25	326T	M	2262	326T	M	2262	364T	N	2664
30	364T	N	2682	364T	N	2682	364T	P	3040
40	365T	P	3408	365T	P	3408	365T	Q	3862
50	404T	Q	4178	404T	Q	4178	404T	R	4718
60	405T	R	4830	405T	R	4830	405T	S	5454
75	444T	S	6270	444T	S	6270	444T	T	7030
100	445T <sup>③</sup>	T	7920	445T	T	7920	445T <sup>③</sup>	U	8880
125	447T <sup>③</sup>	U	9564	447T <sup>③</sup>	U	9564	447T <sup>③</sup>	W	10722
150	449T <sup>③</sup>	W	11194	449T <sup>③</sup>	W	11194	.....	..	.....
<b>1200/900 Rpm, Two Winding</b>									
1	182T <sup>⑦</sup>	E	432	184T <sup>⑦</sup>	E	432	.....	..	.....
1½	184T <sup>⑦</sup>	E	484	213T	F	484	.....	..	.....
2	213T	F	526	215T	G	526	.....	..	.....
3	215T	G	660	254T	H	660	.....	..	.....
5	254T	H	934	284T	K	934	.....	..	.....
7½	256T	J	1220	286T	L	1220	.....	..	.....
10	284T	K	1486	324T	M	1486	.....	..	.....
15	324T	M	2038	364T	N	2038	.....	..	.....
20	326T <sup>③</sup>	N	2536	364T	P	2536	.....	..	.....
25	364T	P	3040	365T	Q	3040	.....	..	.....
30	365T	Q	3726	404T	R	3726	.....	..	.....
40	404T	R	4620	405T	S	4620	.....	..	.....
50	405T	S	5934	444T	T	5934	.....	..	.....
60	444T	T	6858	445T <sup>③</sup>	U	6858	.....	..	.....
75	445T <sup>③</sup>	U	8244	447T <sup>③</sup>	W	8244	.....	..	.....
100	447T <sup>③</sup>	W	10442	.....	..	10442	.....	..	.....

② Suffix "TS" after frames designates short shaft for coupled service.  
 Suffix "T" after frames designates long shaft for belted service.  
 Short shafts "TS" for coupled service can be furnished at no charge when specified on frames 284-449T.  
 ③ Class F insulation.

⑤ For list prices of explosion proof motors, make price additions from page 8, of this price list, to the list price of the totally enclosed fan cooled motors of similar rating.  
 Prices listed are for Class I, Group D. Refer to Westinghouse for Class II applications.  
 ⑦ Type S motor.

Note: Motors frame 364T and larger at voltages below 460 volts require price addition. Refer to Westinghouse.

**Constant Horsepower (Horsepower Constant)**  
**Block 17, Drip-proof, 1.15 Service Factor, 40°C Ambient, Class B Insulation**  
 Two Speed, One to Two Winding, W-2T Discount Symbol

Hp at Top Speed	Frame②	Mod. Symbol	List Price W-2T	Frame②	Mod. Symbol	List Price W-2T	Frame②	Mod. Symbol	List Price W-2T
<b>3600/1800 Rpm. One Winding</b>									
1	143T⑦	D	\$ 226	182T⑦	E	\$ 358	213T⑦	G	\$ 526
1½	145T⑦	E	248	184T⑦	F	434	215T⑦	H	640
2	182T⑦	E	288	213T⑦	G	510	254T⑦	J	748
3	184T⑦	F	336	215T⑦	H	638	256T⑦	K	892
5	213T⑦	G	436	254T⑦	J	878	284T	L	1194
7½	215T⑦	H	626	256T⑦	K	1118	324T	M	1536
10	254T⑦	J	782	284T	L	1326	326T	N	1836
15	256T⑦	K	1034	324T	N	1742	364T	Q	2410
20	284TS	L	1294	324T	P	2100	365T	R	3004
25	286TS	M	1526	326T	Q	2488	404T	S	3550
30	324TS	N	1808	364T	R	2822	405T	T	4096
40	326TS	P	2298	365T	S	3492	444T	U	5190
50	364TS	Q	2728	404T	T	4162	445T	V	6150
60	365TS	R	3152	405T	U	4826	449T	W	7100
75	404TS	S	3846	444T	V	5782	449T	W	9092
100	405TS	T	4856	445T	V	7330	....	..	....
125	444TS	U	6126	449T	W	10192	....	..	....
<b>1800/1200 Rpm. Two Winding</b>									
<b>1800/900 Rpm. Two Winding</b>									
<b>1800/600 Rpm. Two Winding</b>									
<b>1200/900 Rpm. Two Winding</b>									
<b>1200/600 Rpm. Two Winding</b>									
<b>900/600 Rpm. Two Winding</b>									
1	182T⑦	E	348	184T⑦	E	462	....	..	....
1½	184T⑦	E	396	213T⑦	F	562	....	..	....
2	213T⑦	F	452	215T⑦	G	658	....	..	....
3	215T⑦	G	554	254T⑦	H	786	....	..	....
5	254T⑦	H	780	256T⑦	J	1086	....	..	....
7½	254T⑦	J	998	284T	K	1380	326T	N	2086
10	256T⑦	K	1240	324T	L	1638	364T	P	2490
15	286T	M	1698	326T	N	2150	404T	R	3270
20	324T	N	2130	364T	P	2594	405T	S	4076
25	326T③	P	2546	365T	Q	3074	444T	U	4816
30	364T③	Q	2954	404T	R	3484	445T	V	5558
40	365T③	R	3728	405T	S	3902	449T	W	7046
50	404T③	S	4066	444T	T	4654	449T	W	8344
60	405T③	T	4698	445T	U	5396	449T③	W	9638
75	444T	U	5652	449T	W	6462	....	..	....
100	445T③	V	7158	449T③	W	8172	....	..	....
125	449T③	W	8710	....	..	....	....	..	....
<b>1800/450, Two Winding</b>									
<b>1200/450, Two Winding</b>									
<b>900/450 Rpm. Two Winding</b>									
2	326T	N	2086	....	..	....	....	..	....
3	365T	Q	2490	....	..	....	....	..	....
5	404T	R	3270	....	..	....	....	..	....
7½	405T	S	4076	....	..	....	....	..	....
10	444T	U	4816	....	..	....	....	..	....
15	445T	V	5558	....	..	....	....	..	....
20	449T	W	7046	....	..	....	....	..	....
25	449T	W	8344	....	..	....	....	..	....
30	449T③	W	9638	....	..	....	....	..	....

② Suffix "TS" after frames designates short shaft for coupled service.  
 Suffix "T" after frames designates long shaft for belted service.  
 Short shafts "TS" for coupled service can be furnished at no charge when specified on frames 284T-449T.  
 ③ Class F insulation.  
 ⑦ Type S motor.

Note: Motors frame 364T and larger at voltages below 460 volts require price addition. Refer to Westinghouse.

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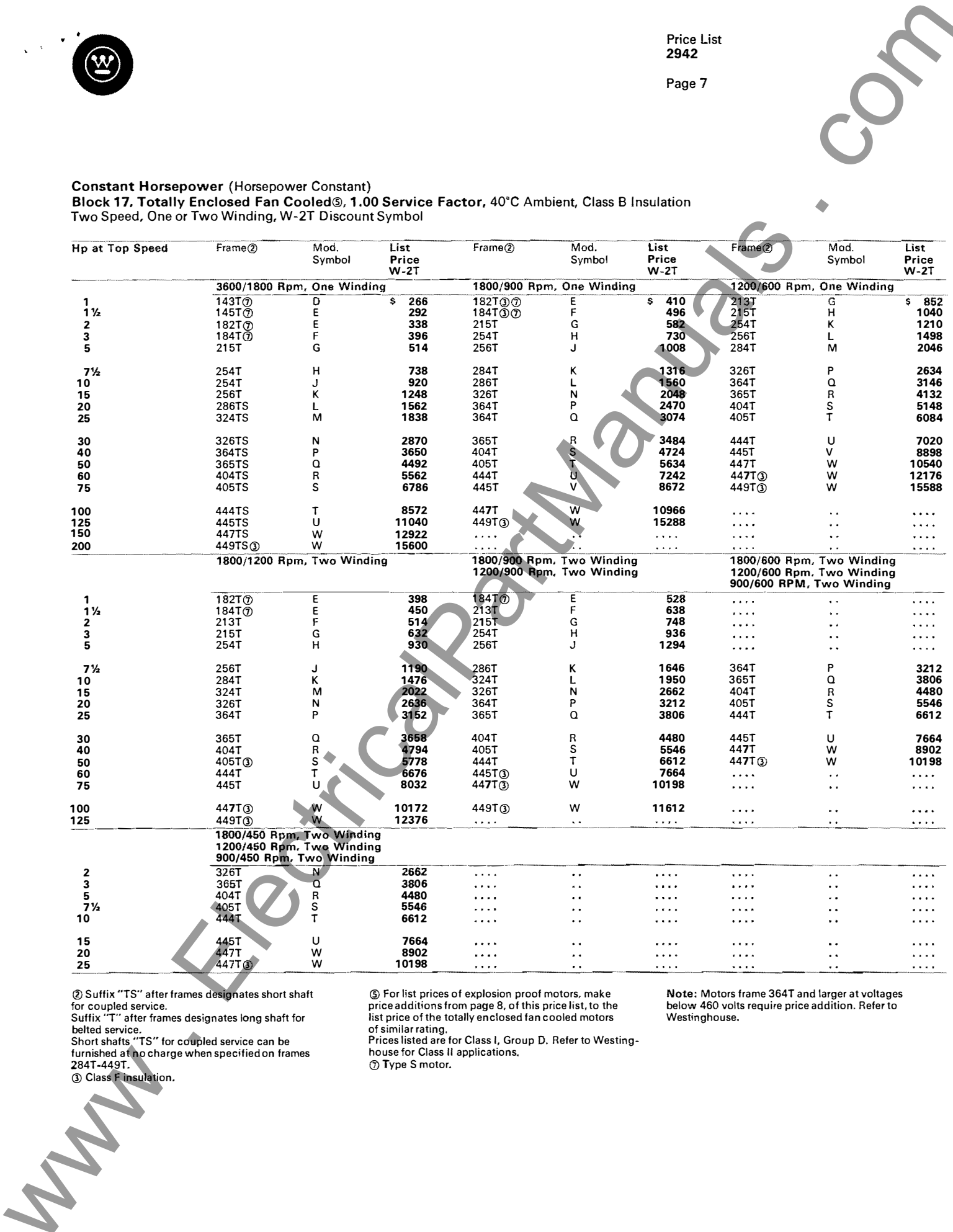
**Constant Horsepower (Horsepower Constant)**  
**Block 17, Totally Enclosed Fan Cooled<sup>Ⓢ</sup>, 1.00 Service Factor, 40°C Ambient, Class B Insulation**  
 Two Speed, One or Two Winding, W-2T Discount Symbol

Hp at Top Speed	Frame <sup>②</sup>	Mod. Symbol	List Price W-2T	Frame <sup>②</sup>	Mod. Symbol	List Price W-2T	Frame <sup>②</sup>	Mod. Symbol	List Price W-2T
<b>3600/1800 Rpm, One Winding</b>									
1	143T <sup>⑦</sup>	D	\$ 266	182T <sup>④⑦</sup>	E	\$ 410	213T	G	\$ 852
1½	145T <sup>⑦</sup>	E	292	184T <sup>④⑦</sup>	F	496	215T	H	1040
2	182T <sup>⑦</sup>	E	338	215T	G	582	254T	K	1210
3	184T <sup>⑦</sup>	F	396	254T	H	730	256T	L	1498
5	215T	G	514	256T	J	1008	284T	M	2046
7½	254T	H	738	284T	K	1316	326T	P	2634
10	254T	J	920	286T	L	1560	364T	Q	3146
15	256T	K	1248	326T	N	2048	365T	R	4132
20	286TS	L	1562	364T	P	2470	404T	S	5148
25	324TS	M	1838	364T	Q	3074	405T	T	6084
30	326TS	N	2870	365T	R	3484	444T	U	7020
40	364TS	P	3650	404T	S	4724	445T	V	8898
50	365TS	Q	4492	405T	T	5634	447T	W	10540
60	404TS	R	5562	444T	U	7242	447T <sup>④</sup>	W	12176
75	405TS	S	6786	445T	V	8672	449T <sup>④</sup>	W	15588
100	444TS	T	8572	447T	W	10966	....	..	....
125	445TS	U	11040	449T <sup>④</sup>	W	15288	....	..	....
150	447TS	W	12922	....	..	....	....	..	....
200	449TS <sup>④</sup>	W	15600	....	..	....	....	..	....
<b>1800/1200 Rpm, Two Winding</b>									
1	182T <sup>⑦</sup>	E	398	184T <sup>⑦</sup>	E	528	....	..	....
1½	184T <sup>⑦</sup>	E	450	213T	F	638	....	..	....
2	213T	F	514	215T	G	748	....	..	....
3	215T	G	632	254T	H	936	....	..	....
5	254T	H	930	256T	J	1294	....	..	....
7½	256T	J	1190	286T	K	1646	364T	P	3212
10	284T	K	1476	324T	L	1950	365T	Q	3806
15	324T	M	2022	326T	N	2662	404T	R	4480
20	326T	N	2636	364T	P	3212	405T	S	5546
25	364T	P	3152	365T	Q	3806	444T	T	6612
30	365T	Q	3658	404T	R	4480	445T	U	7664
40	404T	R	4794	405T	S	5546	447T	W	8902
50	405T <sup>④</sup>	S	5778	444T	T	6612	447T <sup>④</sup>	W	10198
60	444T	T	6676	445T <sup>④</sup>	U	7664	....	..	....
75	445T	U	8032	447T <sup>④</sup>	W	10198	....	..	....
100	447T <sup>④</sup>	W	10172	449T <sup>④</sup>	W	11612	....	..	....
125	449T <sup>④</sup>	W	12376	....	..	....	....	..	....
<b>1800/450 Rpm, Two Winding</b>									
<b>1200/450 Rpm, Two Winding</b>									
<b>900/450 Rpm, Two Winding</b>									
2	326T	N	2662	....	..	....	....	..	....
3	365T	Q	3806	....	..	....	....	..	....
5	404T	R	4480	....	..	....	....	..	....
7½	405T	S	5546	....	..	....	....	..	....
10	444T	T	6612	....	..	....	....	..	....
15	445T	U	7664	....	..	....	....	..	....
20	447T	W	8902	....	..	....	....	..	....
25	447T <sup>④</sup>	W	10198	....	..	....	....	..	....

② Suffix "TS" after frames designates short shaft for coupled service.  
 Suffix "T" after frames designates long shaft for belted service.  
 Short shafts "TS" for coupled service can be furnished at no charge when specified on frames 284T-449T.  
 ③ Class F insulation.

④ For list prices of explosion proof motors, make price additions from page 8, of this price list, to the list price of the totally enclosed fan cooled motors of similar rating.  
 Prices listed are for Class I, Group D. Refer to Westinghouse for Class II applications.  
 ⑦ Type S motor.

Note: Motors frame 364T and larger at voltages below 460 volts require price addition. Refer to Westinghouse.





**Four Speeds, Two Winding, W-2T Discount Symbol**  
**Block 17, Drip-proof, 1.15 Service Factor, 40°C Ambient, Class B Insulation**  
**Block 17, TEFC®, 1.00 Service Factor, 40°C Ambient, Class B Insulation**

Hp. at Top Speed	Drip-proof						Totally Enclosed Fan-cooled					
	1800/1200/900/600 Rpm			1200/900/600/450 Rpm			1800/1200/900/600 Rpm			1200/900/600/450 Rpm		
	Frame <sup>②</sup>	Mod. Symbol	List Price W-2T	Frame <sup>②</sup>	Mod. Symbol	List Price W-2T	Frame <sup>②</sup>	Mod. Symbol	List Price W-2T	Frame <sup>②</sup>	Mod. Symbol	List Price W-2T
<b>Variable Torque (Horsepower Varies as Square of Speed) Four Speeds, Two Winding</b>												
1	184T <sup>⑦</sup>	E	\$ 304	....	..	....	184T <sup>⑦</sup>	E	\$ 358	....	..	....
1½	184T <sup>⑦</sup>	F	336	....	..	....	184T <sup>⑦</sup>	F	392	....	..	....
2	213T <sup>⑦</sup>	F	390	....	..	....	213T	F	458	....	..	....
3	215T <sup>⑦</sup>	G	456	254T <sup>⑦</sup>	H	\$ 592	215T	G	534	254T	H	\$ 682
5	254T <sup>⑦</sup>	H	592	256T <sup>⑦</sup>	J	856	254T	H	698	256T	J	1004
7½	256T <sup>⑦</sup>	J	850	284T	K	1094	256T	J	996	284T	K	1284
10	284T	K	1058	324T	L	1240	284T	K	1242	324T	L	1476
15	286T	L	1276	326T	N	1698	286T	L	1522	326T	N	2022
20	324T	M	1600	364T	P	2130	324T	M	1906	364T	P	2536
25	326T	N	1886	365T	Q	2424	326T	N	2244	365T	Q	3030
30	364T	P	2234	404T	R	2814	364T	P	2660	404T	R	3658
40	365T	Q	2704	405T	S	3464	365T	Q	3380	405T	S	4618
50	404T	R	3208	444T	T	4174	404T	R	4170	444T	T	5564
60	405T	S	3614	445T	U	4698	405T	S	4820	445T	U	6306
75	444T	T	4412	....	..	....	444T	T	5882	447T	V	7584
100	445T	U	5428	....	..	....	445T	U	7286	....	..	....
125	....	..	....	....	..	....	447T	V	8626	....	..	....
<b>Constant Torque (Horsepower Varies as Speed) Four Speeds, Two Windings</b>												
1	213T <sup>⑦</sup>	E	358	....	..	....	213T	E	466	....	..	....
1½	213T <sup>⑦</sup>	F	392	254T <sup>⑦</sup>	G	534	215T	F	510	254T	G	624
2	215T <sup>⑦</sup>	F	458	256T <sup>⑦</sup>	G	554	215T	F	592	256T	G	822
3	254T <sup>⑦</sup>	G	534	284T	H	682	254T	G	692	284T	H	1008
5	256T <sup>⑦</sup>	H	694	324T	J	1004	284T	H	902	324T	J	1302
7½	286T	J	996	326T	K	1284	286T	J	1180	326T	K	1666
10	324T	K	1242	364T	L	1476	324T	K	1472	364T	L	2068
15	326T	L	1522	365T	N	2022	326T	L	1948	365T	N	2832
20	364T	M	1706	404T	P	2536	364T	M	2438	404T	P	3550
25	365T	N	2244	405T	Q	2906	365T	N	2870	405T	Q	4240
30	404T	P	2660	444T	R	3374	404T	P	3404	444T	R	4924
40	405T	Q	3244	445T	S	4174	405T	Q	4326	445T	S	6216
50	444T	R	3850	....	..	....	444T	R	5132	447T	T	7490
60	445T	S	4358	....	..	....	445T	S	5934	....	..	....
75	....	..	....	....	..	....	447T	T	7238	....	..	....
<b>Constant Horsepower (Horsepower Constant) Four Speeds, Two Winding</b>												
2	284T	K	1082	....	..	....	284T	K	1392	....	..	....
3	324T	M	1340	....	..	....	324T	M	1722	....	..	....
5	326T	N	1792	....	..	....	326T	N	2304	....	..	....
7½	364T	Q	2304	....	..	....	364T	P	3074	....	..	....
10	365T	R	2750	....	..	....	365T	Q	3668	....	..	....
15	404T	S	3614	....	..	....	404T	S	4992	....	..	....
20	405T	T	4506	....	..	....	405T	T	6222	....	..	....
25	444T	U	5324	....	..	....	444T	U	7352	....	..	....
30	445T	V	6144	....	..	....	445T	V	8484	....	..	....

② Suffix "TS" after frames designates short shaft for coupled service.  
 Suffix "T" after frames designates long shaft for belted service.  
 Short shafts "TS" for coupled service can be furnished at no charge when specified on frames 284T-449T.

⑤ For list prices of explosion proof motors, make price additions from page 8, of this price list, to the list price of the totally enclosed fan cooled motors of similar rating.  
 Prices listed are for Class I, Group D. Refer to Westinghouse for Class II applications.  
 ⑦ Type S motor.

Note: Motors frame 364T and larger at voltages below 460 volts require price addition. Refer to Westinghouse.

**Explosion Proof Enclosure**

To price explosion proof multi-speed motors, make the following price additions to the totally enclosed motor of the desired rating based on the modification symbol of the desired rating.

Explosion Proof	List Price Addition <sup>⑥</sup>										
	Modification Symbol										
Class I, Group D	A-B	C-D	E-F	G-H	J-K	L-M	N-P	Q-R	S-T	U-V	W
		\$64	\$64	\$84	\$100	\$128	\$194	\$286	\$396	\$530	\$730

Refer to Westinghouse for Class II applications.

⑥ Changed since previous issue.





Westinghouse Electric Corporation  
Medium Motor and Gearing Division  
Buffalo, New York U.S.A. 14240

Supplement to  
Price List 2942

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December 16, 1974  
New Information

Squirrel Cage, Frames 143T-449T  
200, 230, 460 or 575 Volts  
3 Phase, 60 Hertz  
Horizontal, Continuous, Ball Bearing

Specific Purpose  
Life-Line T  
Multi-Speed Motors

(Refer to Selling Policy 2900 S WE A)  
Mailed to: E,D,C/1714/PL

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Effective December 16, 1974, all list prices appearing in Price List 2942, pages 1-8, dated March 8, 1973, are withdrawn.

Price List 2942 will be up-dated and reissued as soon as possible.

During the interim, for pricing purposes you may double the list prices and then apply the appropriate multipliers, per selling policy and discount schedules, effective December 16, 1974.

The standard policy of price in effect at time of shipment still applies.

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