

BENEFITS

- Long life expectancy
- Heavy duty construction
- Drop in replacement availability
- Quiet operation
- Available through 100 HP

FEATURES

- Drip-proof enclosure
- 600-1,800 rpm
- Single and two bearing designs
- Encoder and encoder mounting options
- Hot rolled steel shafts
- UL/CSA CUS Certified

APPLICATIONS

- Dry hydraulic elevators

AC Dry Hydraulic Motors

Frames 215T through 365T

Quiet, efficient AC dry hydraulic motors.

Designed for use with belted hydraulic pump systems, Imperial Electric AC Dry Hydraulic Motors are exceptionally quiet, highly efficient and built for rugged duty. Totally Enclosed Fan Cooled (TEFC) designs are available for most ratings.

Rated for 80 or 120 starts per hour, the AC Dry Hydraulic Motor is a drop-in replacement for existing motors, making any elevator modernization project more efficient.

The AC Dry Hydraulic Motor is just one of many highly engineered products developed for the elevator industry by Imperial Electric. Imperial Electric has more than 100 years experience in electrodynamic devices. Learn how Imperial Electric can benefit your next project. Call your representative today for more information.

AC Dry Hydraulic Motors duty table, 80 starts per hour

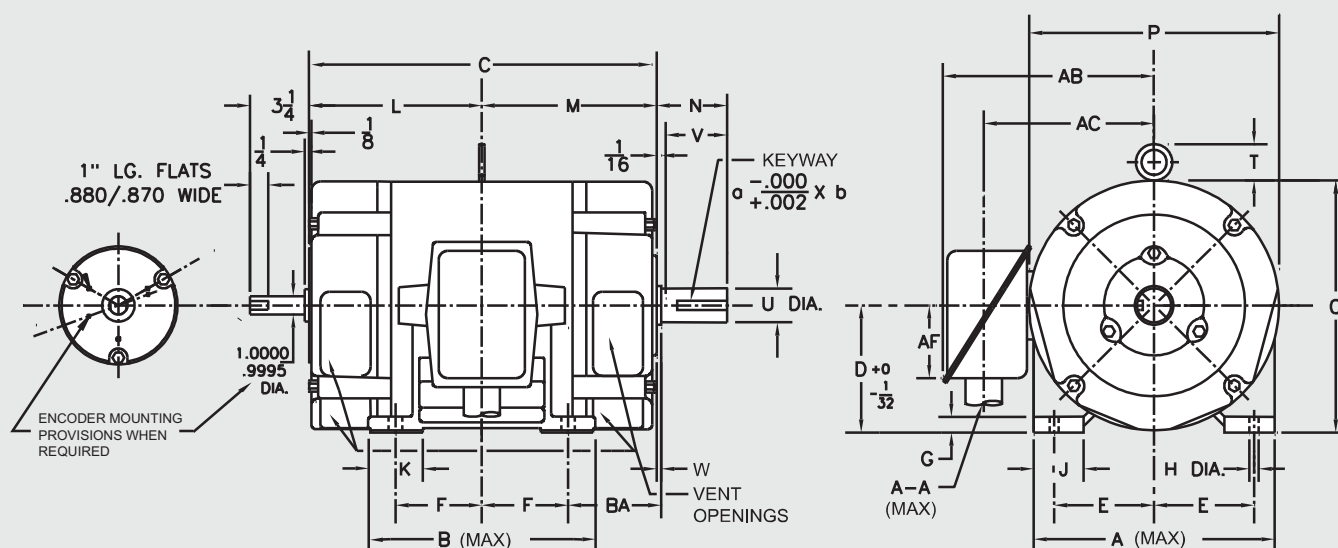
HP	Full Load RPM	Frame	Voltage	Amps (A)					Elevator Duty BTU Per Hour
				Delta				WYE	
				Full Load	No Load	Locked Rotor	KVA Code	Locked Rotor	
15	1740	215T	200	46	23	270	G	89	1859
	1735	215T	230/460	39.2/19.6	19/9.5	230/115	G	76/38	1859
	1735	215T	575	15.7	7.6	92	G	31	1859
20	1750	254T	200	62	31	340	G	112	2263
	1750	254T	230/460	54/27	27/13.5	296/148	G	98/49	2263
	1750	254T	575	22	11	120	G	40	2263
25	1755	256T	200	73	31	420	G	139	2360
	1755	256T	230/460	62/31	26.4/13.2	366/183	G	120/60	2360
	1755	256T	575	25	10.6	146	G	48	2360
30	1760	284T	200	87	36	500	G	165	2774
	1760	284T	230/460	74/37	31/15.5	430/215	G	142/71	2774
	1760	284T	575	30	12.4	172	G	57	2774
40	1760	286T	200	112	42	670	G	221	3282
	1760	286T	230/460	98/49	37/18.5	580/290	G	192/96	3282
	1760	286T	575	39	14.5	230	G	76	3282
50	1760	324T	200	138	70	850	G	281	3869
	1760	324T	230/460	118.8/59.4	62/31	740/370	G	244/122	3869
	1760	324T	575	49	25	310	G	102	3869
60	1760	326T	200	162	70	1000	G	330	4477
	1760	326T	230/460	143.2/71.6	64/32	920/460	G	304/152	4477
	1760	326T	575	58	26	370	G	122	4477
75	1770	364T	200	210	87	1320	G	436	5253
	1770	364T	230/460	180/90	72/36	1120/560	G	370/185	5253
	1770	364T	575	72	29	450	G	149	5253
100	1780	365T	230/460	228/114	76/38	1590/795	G	524/262	6015
	1780	365T	575	91	30	636	G	210	6015



AC dry hydraulic motors are available across a wide range of horsepower ratings, including 80 or 120 starts per hour.

AC Hoist or AC Dry Hydraulic Motors

Frames 215T through 405T dimensional diagram



AC Hoist and AC Dry Hydraulic Motor dimensions

Frame	A	B	BA	C	D	E	F	G	H	J	K	L	M	N	O	P	T	U	V	W	a	b	AA	AB	AC	AF	Appr. Wt.
215T	10.5	9	3.5	17.312	5.25	4.25	3.5	.625	.406	1.75	2	6.937	6.875	3.5	10.312	10.125	—	1.375	3.125	.125	.312	.156	1	8.562	6.937	2.75	125
254T	12.5	10.75	4.25	20.75	6.25	5	4.125	.75	.531	2.25	2.5	8.375	8.25	4.125	12.312	12.125	2.375	1.625	3.75	.125	.375	.187	1.5	11	8.75	4	200
256T	12.5	12.5	4.25	22.5	6.25	5	5	.75	.531	2.25	2.5	9.25	9.125	4.125	12.312	12.125	2.375	1.625	3.75	.125	.375	.187	1.5	11	8.75	4	225
284T	14	12.5	4.75	23.625	7	5.25	4.75	.875	.531	2.75	3	9.5	9.375	4.75	13.812	13.75	2.375	1.875	4.375	0	.5	.25	1.5	11.75	9.5	4	300
286T	14	14	4.75	25.125	7	5.25	5.5	.875	.531	2.75	3	10.25	10.125	4.75	13.812	13.75	2.375	1.875	4.375	0	.5	.25	1.5	11.75	9.5	4	325
324T	16	14	5.25	26.25	8	6.25	5.25	1	.656	3.25	3.5	10.5	10.375	5.375	15.812	15.625	2.375	2.125	5	.125	.5	.25	2	12.75	10.5	4	400
326T	16	15.5	5.25	27.75	8	6.25	6	1	.656	3.25	3.5	11.25	11.125	5.375	15.812	15.625	2.375	2.125	5	.125	.5	.25	2	12.75	10.5	4	450
364T	18	15.25	5.875	28.75	9	7	5.625	1	.656	2.5	3	11.375	11.375	6	17.812	18.625	2.75	2.375	5.625	.25	.625	.312	3	15.875	12.812	4.5	550
365T	18	16.25	5.875	29.75	9	7	6.125	1	.656	2.5	3	11.875	11.875	6	17.812	18.625	2.75	2.375	5.625	.25	.625	.312	3	15.875	12.812	4.5	610
405T	20	17.75	6.625	34.25	10	8	6.875	1	.812	3	3.5	13.5	13.375	7.375	19.812	19.25	2.75	2.875	7	.125	.75	.375	3	15.875	12.875	4.5	885