



## DC Elevator Hoist Motor Standard Ratings

240 Volt DC Armature, Shunt Wound, Ball Bearings, Elevator End Play, 50°C Rise  
60 Minute Duty, Open Construction

HP	RPM	Frame	Amps (A)		Resistance (Ω)		Hot Field Volts (V)			Heat Loss (BTU/HR)
			Full Load Armature	Hot Field	Cold Field 25°C	Hot Field 75°C	Level Max	Run & Hold Max	Hold Prefer	
10	1150	284AT	37.7	1.00	138.0	166.0	240	166	141	1626
	850	286AT	37	1.76	85.0	102.0	240	180	153	
12.5	1150	286AT	46.5	1.12	126.0	151.0	240	170	144	1819
	850	324AT	46	1.85	81.6	96.9	240	179	152	
15	1150	324AT	53	2.18	70.5	84.6	240	183	155	2182
	850	326AT	54	2.23	68.5	82.2	240	183	148	
20	1150	326AT	71	2.20	65.0	78.0	240	172	148	2696
	850	366AT	73	2.25	63.4	76.0	240	171	146	
25	1150	366AT	90	2.33	63.4	76.0	240	177	150	3165
	850	367AT	90	2.67	56.6	68.0	240	180	153	
30	1150	367AT	105	2.68	56.6	68.0	240	182	155	3635
	850	368AT	106	3.00	47.0	56.4	240	169	143	
40	1150	368AT	140	3.00	47.0	56.4	240	170	145	4369
	850	368AT	138	4.40	31.6	40.5	240	180	145	
50	1150	368AT	175	4.14	31.6	39.2	240	162	138	4926
	850	407AT	175	4.94	28.8	36.0	240	178	150	
60	1150	407AT	208	4.92	26.8	33.1	240	163	138	6477
	850	S409AT	208	6.30	23.6	29.8	240	188	160	
75	1150	S409AT	257	5.75	23.6	29.5	240	170	145	7027
	850	409AT	264	7.60	17.4	22.1	240	168	126	
100*	1150	409AT	273.0	7.15	19.2	24.8	240	178	150	7475

\* 100 HP Armature Amps at 300V DC Armature Voltage

For other mechanical and electrical configurations, consult factory.

Corporate: Imperial Electric  
1503 Exeter Road  
Akron, OH 44306  
Phone: (330) 734-3600  
Fax: (330) 734-3601

East Coast: Phone: (908) 575-7950  
Fax: (908) 575-7958

Email: [Sales@nidec-ise.com](mailto:Sales@nidec-ise.com)  
Web: [www.nidec-ise.com](http://www.nidec-ise.com)