



IMPERIAL
ELECTRIC
The Driving Force In Motion

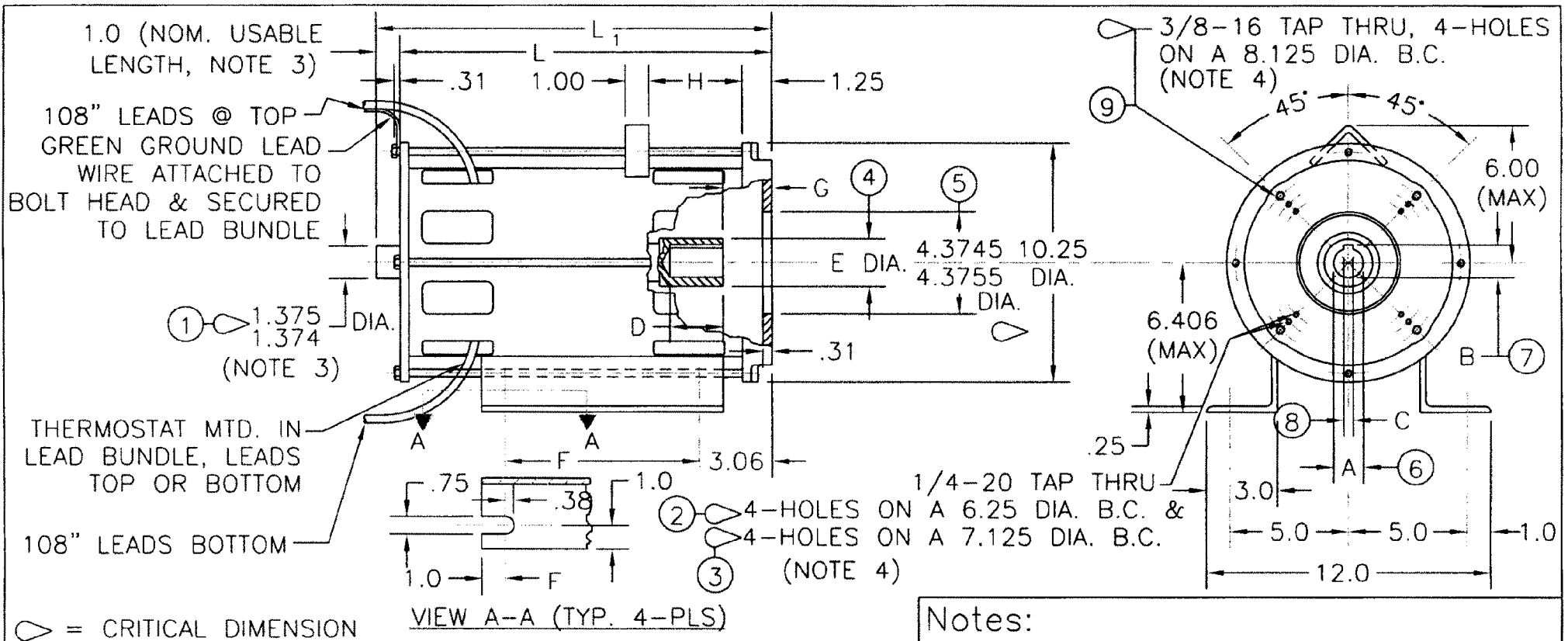
Submersible Hydraulic Elevator Motor Standard Ratings

AC Squirrel Cage Induction, Ball Bearing, 80 Starts Per Hour
3Ø, 60Hz, WYE Start, Delta Run, 3600 Synchronous RPM

HP	Imperial Electric Part Number	Motor Losses BTU/HR	FL EFF (%)	FL PF (%)	FL RPM	Volts	Amps (A)				
							Delta				WYE
							Full Load	No Load	Locked Rotor	KVA Code	Locked Rotor
15	217EAS015C001	14,120	73	87	3400	200	51.0	27.0	242	F	82
	217EAS015C015	14,120	73	87	3400	230	44.6	23.0	204	F	68
						460	22.3	11.5	102	F	34
217EAS015C020	14,120	73	87	3400	575	17.6	9.2	84	F	30	
20	217EAS020C001	16,074	76	89	3395	200	65.4	31.2	311	F	104
	217EAS020C015	16,074	76	89	3395	230	56.2	25.5	270	F	90
						460	28.1	12.8	135	F	45
217EAS020C020	16,074	76	89	3395	575	22.4	10.2	108	F	36	
25	217EAS025C001	17,946	78	91	3400	200	78.2	34.5	391	F	130
	217EAS025C015	17,946	78	91	3400	230	67.8	30.0	340	F	113
						460	33.9	15.0	170	F	57
217EAS025C020	17,946	78	91	3400	575	26.9	11.3	136	F	45	
30	217EAS030C001	20,296	79	91	3390	200	90.0	36.0	471	F	157
	217EAS030C015	20,296	79	91	3390	230	78.2	31.0	410	F	136
						460	39.1	15.5	205	F	68
217EAS030C020	20,296	79	91	3390	575	31.2	12.0	174	G	58	
40	217EAS040C001	23,879	81	91	3410	200	120.0	46.0	671	G	224
	217EAS040C015	23,879	81	91	3410	230	104.0	40.0	584	G	195
						460	52.0	20.0	292	G	97
217EAS040C020	23,879	81	91	3410	575	42.0	16.0	234	G	78	
50	217EAS050C001	29,861	81	91	3380	200	142.0	42.7	920	G	307
	217EAS050C015	29,861	81	91	3380	230	123.0	37.5	800	G	268
						460	61.5	18.8	400	G	133
217EAS050C020	29,861	81	91	3380	575	49.4	15.0	320	G	106	

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- Notes:**
- (1) THERMOSTAT, WHEN REQ'D, N/C @ 152° F, OPEN @ 163° F.
 - 2-LEADS TAGGED P1,P2. LEADS INCLUDED IN LEAD BUNDLE.
 - F.E. SHAFT EXT. STD. FOR MOTOR RATINGS THRU 30 HP.
 - (6-1/4 B.C.) IMO PUMPS: B3SIC-187M & P & 200.
ALLWEILER: SNDAN/B & SUB-MODELS 140,210,280
(7-1/8 B.C.) IMO PUMPS: A3SIC-218,218L,250,250P & 250G.
(8-1/8 B.C.) IMO PUMPS: A3SIC-275E.

	MOTOR DIMENSIONS										REF. HP.	WT. LBS.
FRAME	A	B	C	D	E	F	G	H	L	L1		
217Z	1.260 1.261	1.396 1.406	.394 .395	2.25	2.050 2.045	8.25	2.06	3.94	13.72	14.63	15,20 25,30	100
L217Z	1.260 1.261	1.396 1.406	.394 .395	2.25	2.050 2.045	8.25	2.06	3.94	15.72	-----	40,50	130

CUSTOMER NAME _____ BY _____
 CUSTOMER ORDER NO. _____ DATE _____
 IMPERIAL ELEC. ORDER NO. _____ VOLTS _____
 LEAD LOC. _____ LEAD LGTH. _____ THMOS. _____
 FRAME _____ HP _____ RPM _____ PH _____ HZ _____

11,808	SCALE 1/4=1"	TITLE HYDRAULIC ELEVATOR SUBMERSIBLE PUMP MOTOR	FRAME NO. 210Z
2/24/04	DESIGN REF. L-2007 SH. 2		
11,774	DRAWN ROY FOX		
5/27/03	DATE 10-9-96		
11,701	CHK'D DATE		REDRAWN 10-9-96
10/30/01			
11520	INSP. DATE	IMPERIAL ELECTRIC CO. AURON-MIDDLEPORT, OHIO	DWG. NO. 3-2004-0102
9/17/97			