



IMPERIAL

ELECTRIC

The Driving Force In Motion

Elevator Motor-Generator Sets Standard Ratings

AC/DC, 240 Volt DC, Standard Reconnectable Series Fields, Ball Bearing, 50°C Rise
Continuous Duty, Open Construction, Elevator Service, 1800 RPM

DC Generator Data			AC Motor Data								Use with Hoist Motor
KW	Curve	Frame	HP	3Ø 60Hz Volts	Delta			WYE			
					N.L. Amps	F.L. Amps	L.R. Amps	KVA Code	L.R. Amps	KVA Code	
7.5	S11557	284A/ 280T	12.5	200	18.7	37.0	280	J	84	A	10 and 12.5
				230	16.2	32.4	244	J	72	A	
				460	8.1	16.2	122	J	36	A	
				575	6.4	12.9	96	J	29	A	
10	S11624	286A/ 280T	15	200	22.0	45.0	330	J	97	A	15
				230	18.8	38.4	282	J	84	A	
				460	9.4	19.2	141	J	42	A	
				575	7.7	15.4	113	J	34	A	
12.5	S12686	286A/ 280T	20	200	24.0	55.5	480	K	142	A	20
				230	21.4	48.4	426	K	126	A	
				460	10.7	24.2	213	K	63	A	
				575	9.0	19.5	170	K	50	A	
15	S11611A	324A/ 320T	25	200	31	71	500	H	149	A	20 and 25
				230	28	62	440	H	132	A	
				460	14	31	220	H	66	A	
				575	11	25	173	H	52	A	
20	S11630	326A/ 320T	30	200	35	83	630	J	187	A	30
				230	31	72	560	J	156	A	
				460	15	36	260	J	76	A	
				575	12	29	220	J	60	A	
25	S11714	366A/ 360T	40	200	44	109	810	H	240	A	40
				230	38	94	700	H	210	A	
				460	19	47	350	H	105	A	
				575	15	38	280	H	83	A	

Imperial Electric
1503 Exeter Road
Akron, OH 44306
Phone: (330) 734-3600
Fax: (330) 734-3601
www.ImperialElectric.com

Contact: Dennis Rhodes
Elevator Sales Engineer
Rhodesd@ImperialElectric.com
Ext. 206

06/09/2004 REV A



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KW	Curve	Frame	HP	3Ø 60Hz Volts	Delta			WYE			
					N.L. Amps	F.L. Amps	L.R. Amps	KVA Code	L.R. Amps	KVA Code	
30	S11680	367A/ 360T	50	200	49	133	1000	H	300	A	50
				230	42	116	880	H	260	A	
				460	21	58	440	H	130	A	
				575	17	47	350	H	104	A	
40	S11935	368A/ 360T	60	200	52	156	1220	H	360	A	60
				230	44	136	1060	H	316	A	
				460	22	68	530	H	158	A	
				575	18.0	54	420	H	125	A	
50	S12465	407A/ 360T	75	200	68	197.5	1412	H	415	A	75
				230	58	172	1220	H	364	A	
				460	29	86	610	H	182	A	
				575	23	69	490	H	146	A	
60	S12997	S409A /360T	100	200	80	257	1956	J	575	A	100
				230	70	224	1720	J	510	A	
				460	35	112	820	J	255	A	
				575	Consult Factory						
75	Consult Factory	409A/ 360T	125	200	Consult Factory					125	
				230	98	260	2460	H	736		A
				460	49	130	1230	H	368		A
				575	Consult Factory						

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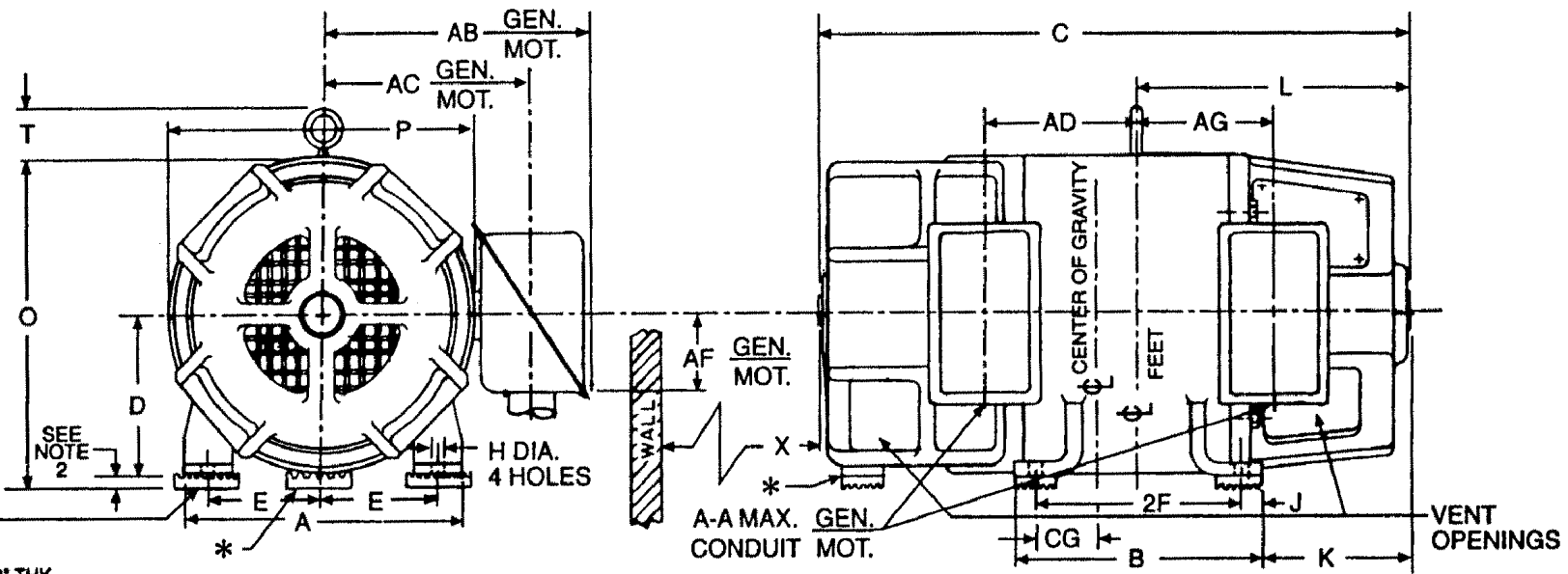
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SPL.
NOTE: *
FOR B368A/365T, (2) ADDITIONAL
REQ'D UNDER A.C. END AS SHOWN

NOTES:

1. RUBBER VIBRATION PADS
LOOSE RECOMMENDED POSITION
UNDER FRAME FEET *
2. FOR 280 & 320 FRAME SIZE, USE (1) 3/8" THK.
VIBRATION PAD PER FOOT.
FOR 360 & 400 FRAME SIZE USE (2) 3/8" THK.
VIBRATION PADS PER FOOT INSTALL PER
E-2110.
3. TERMINAL BOXES CAN BE MOUNTED SO THAT
CONDUIT CAN BE IN 90° INCREMENTS FROM
THAT SHOWN



FRAME	C	L	O	P	T	X	A B		A C		AD	A F			A A		A	B	D	E	2F	H	J	K	WT.	ROTATING UNIT	
							GEN	MOT	GEN	MOT		GEN	MOT	AG	GEN	MOT										CG	WT.
284A/ 280T	30 3/4	13 3/4	14 1/4	13 3/4	2 3/8	18 1/8	11 5/8	10 1/8	9 3/8	8 1/2	6 5/8	4	2 3/4	7	1 1/2	1	13 1/4	11 1/2	7	5 1/2	9 1/2	17/32	1	8	590	125	1 30/64
286A/ 280T	32 1/4	14 1/2	14 1/4	13 3/4	2 3/8	19 5/8	11 5/8	10 1/8	9 3/8	8 1/2	7 3/8	4	2 3/4	7 3/4	1 1/2	1	13 1/4	13	7	5 1/2	11	17/32	1	8	635	155	1 13/16
324A/ 320T	33 7/8	14 1/2	16 1/4	15 3/4	2 3/8	20	12 5/8	12 5/8	9 3/8	9 3/8	7 3/8	4	4	7 3/4	2	2	14 1/4	12 7/8	8	6 1/4	10 1/2	21/32	1 3/16	8 1/16	785	190	1 3/4
326A/ 320T	35 3/8	15 1/4	16 1/4	15 3/4	2 3/8	21 1/2	12 5/8	12 5/8	9 3/8	9 3/8	8 1/8	4	4	8 1/2	2	2	14 1/4	14 3/8	8	6 1/4	12	21/32	1 3/16	8 1/16	870	220	2 5/64
366A/ 360T	41 5/16	18 1/4	18 1/4	17 11/16	2 3/4	24 3/4	14 5/8	14 5/8	11 3/4	11 3/4	8 1/2	4 1/2	4 1/2	9 5/8	3	3	16 3/4	16 3/4	9	7	14	13/16	1 3/8	9 7/8	1175	305	2
367A/360T	43 1/16	19 1/4	18 1/4	17 11/16	2 3/4	27 1/4	14 5/8	14 5/8	11 3/4	11 3/4	9 1/4	4 1/2	4 1/2	10 5/8	3	3	16 3/4	18 3/4	9	7	16	13/16	1 3/8	9 7/8	1250	350	2 15/64
368A/360T	45 1/16	20 1/4	18 1/4	17 11/16	2 3/4	29 1/4	14 5/8	14 5/8	11 3/4	11 3/4	10 1/4	4 1/2	4 1/2	11 5/8	3	3	16 3/4	20 3/4	9	7	18	13/16	1 3/8	9 7/8	1325	405	2 1/2
B-368A/ 365T	53 7/16	20 1/4	18 1/4	17 11/16	2 3/4	20 9/16	14 5/8	15 7/8	11 3/4	12 13/16	21 11/16	4 1/2	4 1/2	11 5/8	3	3	16 3/4	20 3/4	9	7	18	13/16	1 3/8	9 7/8	1550	500	
407A/ 365T	56 1/16	21 3/4	20 3/8	19 7/8	2 3/4	28 1/8	15 5/16	15 7/8	12 7/8	12 13/16	22 5/16	4 1/2	4 1/2	11 1/4	3	3	19	20	10	8	18	15/16	1	11 3/4	1940	585	
S-409A/ 408A/ 365T	60 1/16	23 3/4	20 3/8	19 7/8	2 3/4	32 1/8	15 5/16	15 7/8	12 7/8	12 13/16	24 5/16	4 1/2	4 1/2	13 1/4	3	3	19	24	10	8	22	15/16	1	11 3/4	2160	675	

10,899 / 6-8-87	11,385 / 5-5-94		
10,381 / 11-12-84	SCALE		
10,171 / 1-26-84	DESIGN REF. 5-2000-3005	TITLE GENERAL DIMS. 2 BRG. BALL BRG. M/G SET W/O EXCITER W/INDIVIDUAL TERM. BOXES FOR MOTOR & GENERATOR	NAME NO.
10,095 / 7-19-83	DRAWN RLC DATE 1-31-75		M- NR
REVISED 9590 4-28-81	CHK'D P.K. DATE 2-4-75		OLD DWG. NO.
ORIGINAL	INS'P DATE	IMPERIAL ELECTRIC CO. AKRON-MIDDLEPORT, OHIO	DWG. NO. 5-2000-3006