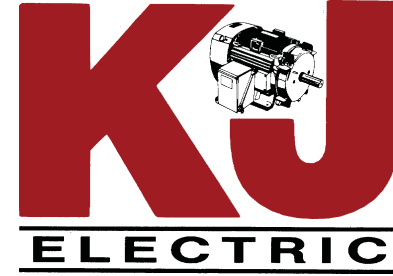
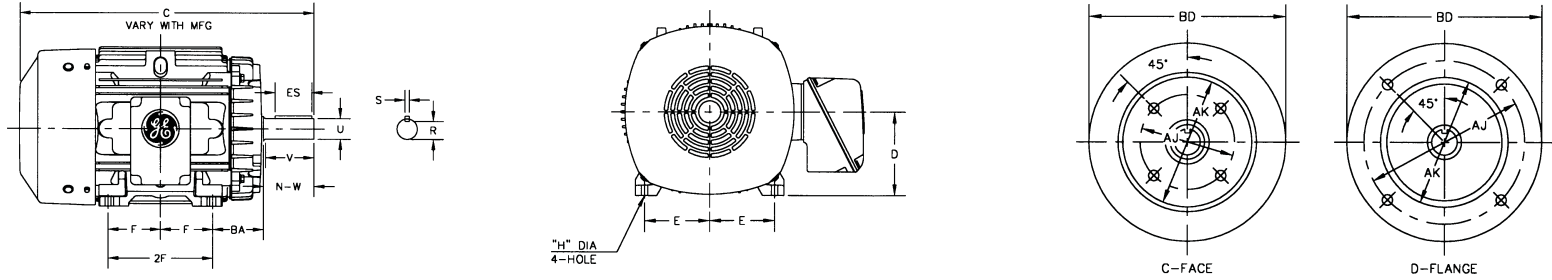


NEMA FRAME DIMENSIONS



**24 Hour/7 Day
Emergency Service**

ALBANY
(518) 783-7152
12 Arrowhead Lane
Cohoes, NY 12047
Fax: (518) 783-7378
albany@kjelectric.com

BINGHAMTON
(607) 772-1760
119 Corporate Drive
Binghamton, NY 13904
Fax: (607) 772-1127
binghamton@kjelectric.com

BUFFALO
(716) 693-2500
170 Fire Tower Road
Tonawanda, NY 14150
Fax: (716) 693-2544
buffalo@kjelectric.com

ROCHESTER
(716) 426-3900
54 Pixley Industrial Pkwy Ext.
Rochester, NY 14624
Fax: (716) 426-0739
rochester@kjelectric.com

SYRACUSE
(315) 454-5535
5894 East Molloy Road
Syracuse, NY 13211
Fax: (315) 454-5564
syracuse@kjelectric.com

UTICA
(315) 736-3021
5140 Commercial Drive
Yorkville, NY 13495
Fax: (315) 736-5882
utica@kjelectric.com



K.J. ELECTRIC ENGINEERING SERVICES

- Industrial Control Panel Building
 - Power Studies *
 - Thermography *
 - Laser Alignment *
 - Vibration Analysis *
 - Drive Start-Ups *
 - Dynamic Balancing
 - Breaker Solid State Trip Retrofits
 - Vacuum Pressure Impregnation (VPI)
 - Training *
- *Available as a field service

	FRAME DESIGNATIONS								KEYSEAT			C-FACE				D-FLANGE			
	D	E	2F	BA	H	U	N-W	V MIN.	R	ES MIN.	S	AJ	AK	BA	BD	AJ	AK	BA	BD
48	3.00	2.12	2.75	2.50	0.34	0.5000	1.50		0.453	Flat		3.750	3.000	2.50	5.625				
56	3.50	2.44	3.00	2.75	0.34	0.6250	1.88		0.517	1.41	0.188	5.875	4.500	2.75	6.500				
66	4.12	2.94	5.00	3.12	0.41	0.7500	2.25		0.644	1.91	0.188	5.875	4.500		6.500				
143	3.50	2.75	4.00	2.25	0.34	0.7500	2.00	1.75	0.644	1.41	0.188					10.00	9.000	2.75	11.00
143T	3.50	2.75	4.00	2.25	0.34	0.8750	2.25	2.00	0.771	1.41	0.188	5.875	4.500	2.75	6.500				
145	3.50	2.75	5.00	2.25	0.34	0.7500	2.00	1.75	0.644	1.41	0.188								
145T	3.50	2.75	5.00	2.25	0.34	0.8750	2.25	2.00	0.771	1.41	0.188	5.875	4.500	2.75	6.500	10.00	9.000	2.75	11.00
182	4.50	3.75	4.50	2.75	0.41	0.8750	2.25	2.00	0.771	1.41	0.188					10.00	9.000		11.00
182T	4.50	3.75	4.50	2.75	0.41	1.1250	2.75	2.50	0.986	1.78	0.250	7.250	8.500*	3.50	9.000	10.00	9.000	3.50	11.00
184	4.50	3.75	5.50	2.75	0.41	0.8750	2.25	2.00	0.771	1.41	0.188	5.875	4.500		6.500	10.00	9.000		11.00
184T	4.50	3.75	5.50	2.75	0.41	1.1250	2.75	2.50	0.986	1.78	0.250	7.250	8.500*	3.50	9.000	10.00	9.000	3.50	11.00
203	5.00	4.00	5.00	3.12	0.41	0.7500	2.25	2.00	0.644	1.53	0.188								
204	5.00	4.00	6.50	3.12	0.41	0.7500	2.25	2.00	0.644	1.53	0.188								
213	5.25	4.25	5.50	3.50	0.41	1.1250	3.00	2.75	0.986	2.03	0.250	7.250	8.500		9.000	10.00	9.000		11.00
213T	5.25	4.25	5.50	3.50	0.41	1.3750	3.38	3.12	1.201	2.41	0.312	7.250	8.500	4.25	9.000	10.00	9.000	4.25	11.00
215	5.25	4.25	7.00	3.50	0.41	1.1250	3.00	2.75	0.986	2.03	0.250	7.250	8.500		9.000	10.00	9.000		11.00
215T	5.25	4.25	7.00	3.50	0.41	1.3750	3.38	3.12	1.201	2.41	0.312	7.250	8.500	4.25	9.000	10.00	9.000	4.25	11.00
224	5.50	4.50	6.75	3.50	0.41	1.0000	3.00	2.75	0.859	2.03	0.250								
225	5.50	4.50	7.50	3.50	0.41	1.0000	3.00	2.75	0.859	2.03	0.250								
254	6.25	5.00	8.25	4.25	0.53	1.1250	3.38	3.12	0.986	2.03	0.250								
254U	6.25	5.00	8.25	4.25	0.53	1.3750	3.75	3.50	1.201	2.78	0.312	7.250	8.500		10.000	12.50	11.000		14.00
254T	6.25	5.00	8.25	4.25	0.53	1.6250	4.00	3.75	1.416	2.91	0.375	7.250	8.500	4.75	10.000	12.50	11.000	4.75	14.00
256U	6.25	5.00	10.00	4.25	0.53	1.3750	3.75	3.50	1.201	2.78	0.312	7.250	8.500		10.000	12.50	11.000		14.00
256T	6.25	5.00	10.00	4.25	0.53	1.6250	4.00	3.75	1.416	2.91	0.375	7.250	8.500	4.75	10.000	12.50	11.000	4.75	14.00
284	7.00	5.50	9.50	4.75	0.53	1.2500	3.75	3.50	1.112	2.03	0.250								
284U	7.00	5.50	9.50	4.75	0.53	1.6250	4.88	4.62	1.416	3.78	0.375	9.000	10.500		11.250	12.50	11.000		14.00
284T	7.00	5.50	9.50	4.75	0.53	1.8750	4.62	4.38	1.591	3.28	0.500	9.000	10.500	4.75	11.250	12.50	11.000	4.75	14.00
284TS	7.00	5.50	9.50	4.75	0.53	1.6250	3.25	3.00	1.416	1.91	0.375	9.000	10.500	4.75	11.250	12.50	11.000	4.75	14.00
286U	7.00	5.50	11.00	4.75	0.53	1.6250	4.88	4.62	1.416	3.78	0.375	9.000	10.500		11.250	12.50	11.000		14.00
286T	7.00	5.50	11.00	4.75	0.53	1.8750	4.62	4.38	1.591	3.28	0.500	9.000	10.500	4.75	11.250	12.50	11.000	4.75	14.00
286TS	7.00	5.50	11.00	4.75	0.53	1.6250	3.25	3.00	1.416	1.91	0.375	9.000	10.500	4.75	11.250	12.50	11.000	4.75	14.00
324	8.00	6.25	10.50	5.25	0.66	1.6250	4.88	4.62	1.416	3.78	0.375								
324U	8.00	6.25	10.50	5.25	0.66	1.8750	5.62	5.38	1.591	4.28	0.500	11.000	12.500		14.000	16.00	14.000		18.00
324S	8.00	6.25	10.50	5.25	0.66	1.6250	3.25	3.00	1.416	1.91	0.375	11.000	12.500		14.000	16.00	14.000		18.00
324T	8.00	6.25	10.50	5.25	0.66	2.1250	5.25	5.00	1.845	3.91	0.500	11.000	12.500	5.25	14.000	16.00	14.000	5.25	18.00
324TS	8.00	6.25	10.50	5.25	0.66	1.8750	3.75	3.50	1.591	2.03	0.500	11.000	12.500	5.25	14.000	16.00	14.000	5.25	18.00
326	8.00	6.25	12.00	5.25	0.66	1.6250	4.88	4.62	1.416	3.78	0.375								
326U	8.00	6.25	12.00	5.25	0.66	1.8750	5.62	5.38	1.591	4.28	0.500	11.000	12.500		14.000	16.00	14.000		18.00
326S	8.00	6.25	12.00	5.25	0.66	1.6250	3.25	3.00	1.416	1.91	0.375	11.000	12.500		14.000	16.00	14.000		18.00
326T	8.00	6.25	12.00	5.25	0.66	2.1250	5.25	5.00	1.845	3.91	0.500	11.000	12.500	5.25	14.000	16.00	14.000	5.25	18.00
326TS	8.00	6.25	12.00	5.25	0.66	1.8750	3.75	3.50	1.591	2.03	0.500	11.000	12.500	5.25	14.000	16.00	14.000	5.25	18.00
364	9.00	7.00	11.25	5.88	0.66	1.8750	5.62	5.38	1.591	4.28	0.500								
364S	9.00	7.00	11.25	5.88	0.66	1.6250	3.25	3.00	1.416	1.91	0.375								
364U	9.00	7.00	11.25	5.88	0.66	2.1250	6.38	6.12	1.845	5.03	0.500	11.000	12.500		14.000	16.00	14.000		18.00
364US	9.00	7.00	11.25	5.88	0.66	1.8750	3.75	3.50	1.591	2.03	0.500	11.000	12.500		14.000	16.00	14.000		18.00
364T	9.00	7.00	11.25	5.88	0.66	2.3750	5.88	5.62	2.021	4.28	0.625	11.000	12.500	5.88	14.000	16.00	14.000	5.88	18.00
364TS	9.00	7.00	11.25	5.88	0.66	1.8750	3.75	3.50	1.591	2.03	0.500	11.000	12.500	5.88	14.000	16.00	14.000	5.88	18.00
365	9.00	7.00	12.25	5.88	0.66	1.8750	5.62	5.38	1.591	4.28	0.500								
365S	9.00	7.00	12.25	5.88	0.66	1.6250	3.25	3.00	1.416	1.91	0.375								
365U	9.00	7.00	12.25	5.88	0.66	2.1250	6.38	6.12	1.845	5.03	0.500	11.000	12.500		14.000	16.00	14.000		18.00
365US	9.00	7.00	12.25	5.88	0.66	1.8750	3.75	3.50	1.591	2.03	0.500	11.000	12.500		14.000	16.00	14.000		18.00
365T	9.00	7.00	12.25	5.88	0.66	2.3750	5.88	5.62	2.021	4.28	0.625	11.000	12.500	5.88	14.000	16.00	14.000	5.88	18.00
365TS	9.00	7.00	12.25	5.88	0.66	1.8750	3.75	3.50	1.591	2.03	0.500	11.000	12.500	5.88	14.000	16.00	14.000	5.88	18.00
404	10.00	8.00	12.25	6.62	0.81	2.1250	6.38	6.12	1.845	5.03	0.500								
404S	10.00	8.00	12.25	6.62	0.81	1.8750	3.75	3.50	1.591	2.03	0.500								
404U	10.00	8.00	12.25	6.62	0.81	2.3750	7.12	6.88	2.021	5.53	0.625	11.000	12.500		15.500	20.00	18.000		22.00
404US	10.00	8.00	12.25	6.62	0.81	2.1250	4.25	4.00	1.845	2.78	0.500	11.000	12.500		15.500	20.00	18.000		22.00
404T	10.00	8.00	12.25	6.62	0.81	2.8750	7.25	7.00	2.450	5.65	0.750	11.000	12.500	6.62	15.500	20.00	18.000	6.62	22.00
404TS	10.00	8.00	12.25	6.62	0.81	2.1250	4.25	4.00	1.845	2.78	0.500	11.000	12.500	6.62	15.500	20.00	18.000	6.62	22.00
405	10.00	8.00	13.75	6.62	0.81	2.1250	6.38	6.12	1.845	5.03	0.500								
405S	10.00	8.00	13.75	6.62	0.81	1.8750	3.75	3.50	1.591	2.03	0.500								
405U	10.00	8.00	13.75	6.62	0.81	2.3750	7.12	6.88	2.021	5.53	0.625	11.000	12.500		15.500	20.00	18.000		22.00
405US	10.00	8.00	13.75	6.62															