

How to use the Selection Chart

1. From the top row of the "Selection Chart" locate the high and low voltage combination that is closest to the one you require.
2. Move down that column to the kVA or Ampere rating equal to or greater than the rating required by the load.
3. From the far left column, obtain the transformer catalog number.
4. For dimensional information refer to the specifications table (Group A) on page 88.
5. The corresponding connection diagram is indicated at the bottom of the Voltage / kVA column. See page 90 for the connection diagrams.

Single Phase - Group A Selection Chart

Catalog Number	Low Voltage High Voltage	96	100	100	105	110	110	115	115	120	120	200	208	220	220	240	240
		115	110	120	115	121	132	126	138	132	144	220	229	231	242	252	264
QC05ERCB	HV Amps	2.08	4.17	2.08	4.17	4.17	2.08	4.17	2.08	4.17	2.08	2.08	2.08	4.17	2.08	4.17	2.08
	KVA	.240	.458	.250	.480	.504	.275	.526	.288	.550	.300	.458	.477	.963	.504	1.05	.550
	LV Amps	2.50	4.58	2.50	4.58	4.58	2.50	4.58	2.50	4.58	2.50	2.29	2.29	4.38	2.29	4.38	2.29
QC10ERCB	HV Amps	4.17	8.33	4.17	8.33	8.33	4.17	8.33	4.17	8.33	4.17	4.17	4.17	8.33	4.17	8.33	4.17
	KVA	.480	.917	.500	.961	1.01	.550	1.05	.575	1.10	.600	.917	.953	1.92	1.01	2.10	1.10
	LV Amps	5.00	9.17	5.00	9.17	9.17	5.00	9.17	5.00	9.17	5.00	4.58	4.58	8.75	4.58	8.75	4.58
QC15ERCB	HV Amps	6.25	12.5	6.25	12.5	12.5	6.25	12.5	6.25	12.5	6.25	6.25	6.25	12.5	6.25	12.5	6.25
	KVA	.720	1.38	.750	1.44	1.51	.825	1.58	.863	1.65	.900	1.38	1.43	2.88	1.51	3.15	1.65
	LV Amps	7.50	13.8	7.50	13.8	13.8	7.50	13.8	7.50	13.8	7.50	6.88	6.88	13.1	6.88	13.1	6.88
QC20ERCB	HV Amps	8.33	16.7	8.33	16.7	16.7	8.33	16.7	8.33	16.7	8.33	8.33	8.33	16.7	8.33	16.7	8.33
	KVA	.960	1.83	1.00	1.92	2.02	1.10	2.11	1.15	2.20	1.20	1.83	1.91	3.85	2.02	4.20	2.20
	LV Amps	10.0	18.3	10.0	18.3	18.3	10.0	18.3	10.0	18.3	10.0	9.17	9.17	17.5	9.17	17.5	9.17
QC25ERCB	HV Amps	10.4	20.8	10.4	20.8	20.8	10.4	20.8	10.4	20.8	10.4	10.4	10.4	20.8	10.4	20.8	10.4
	KVA	1.20	2.29	1.25	2.40	2.52	1.37	2.63	1.44	2.75	1.50	2.29	2.38	4.81	2.52	5.25	2.75
	LV Amps	12.5	22.9	12.5	22.9	22.9	12.5	22.9	12.5	22.9	12.5	11.4	11.4	21.8	11.4	21.8	11.4
QC35ERCB	HV Amps	14.6	29.2	14.6	29.2	29.2	14.6	29.2	14.6	29.2	14.6	14.6	14.6	29.2	14.6	29.2	14.6
	KVA	1.68	3.21	1.75	3.36	3.53	1.92	3.68	2.01	3.85	2.10	3.21	3.34	6.74	3.53	7.35	3.85
	LV Amps	17.5	32.1	17.5	32.1	32.1	17.5	32.1	17.5	32.1	17.5	16.0	16.0	30.6	16.0	30.6	16.0
QC50ERCB	HV Amps	20.8	41.6	20.8	41.7	41.7	20.8	41.7	20.8	41.7	20.8	20.8	20.8	41.7	20.8	41.7	20.8
	KVA	2.39	4.58	2.50	4.80	5.04	2.75	5.26	2.87	5.50	3.00	4.58	4.77	9.62	5.04	10.5	5.50
	LV Amps	24.9	45.8	25.0	45.8	45.8	25.0	45.8	25.0	45.8	25.0	22.9	22.9	43.7	22.9	43.7	22.9
QC75ERCB	HV Amps	31.2	62.5	31.2	62.5	62.5	31.2	62.5	31.2	62.5	31.2	31.2	31.2	62.5	31.2	62.5	31.2
	KVA	3.60	6.87	3.75	7.20	7.56	4.12	7.89	4.31	8.25	4.50	6.87	7.15	14.4	7.56	15.7	8.25
	LV Amps	37.5	68.7	37.5	68.7	68.7	37.5	68.7	37.5	68.7	37.5	34.4	34.4	65.6	34.4	65.6	34.4
Q1C0ERCB	HV Amps	41.7	83.3	41.7	83.3	83.3	41.7	83.3	41.7	83.3	41.7	41.7	41.7	83.3	41.7	83.3	41.7
	KVA	4.80	9.17	5.00	9.60	10.1	5.50	10.5	5.75	11.0	6.00	9.17	9.53	19.2	10.1	21.0	11.0
	LV Amps	50.0	91.7	50.0	91.7	91.7	50.0	91.7	50.0	91.7	50.0	45.8	45.8	87.5	45.8	87.5	45.8
Q1C5ERCF	HV Amps	62.5	125	62.5	125	125	62.5	125	62.5	125	62.5	62.5	62.5	125	62.5	125	62.5
	KVA	7.20	13.7	7.50	14.4	15.1	8.25	15.8	8.62	16.5	9.00	13.7	14.3	28.9	15.1	31.5	16.5
	LV Amps	75.0	137	75.0	137	137	75.0	137	75.0	137	75.0	68.7	68.8	131	68.7	131	68.7
Q002ERCF	HV Amps	83.3	166	83.3	166	166	83.3	166	83.3	166	83.3	83.3	83.3	166	83.3	166	83.3
	KVA	9.58	18.3	10.0	19.2	20.1	11.0	21.0	11.5	22.0	12.0	18.3	19.0	38.5	20.1	42.0	22.0
	LV Amps	99.8	183	100	183	183	100	183	100	183	100	91.7	91.7	175	91.6	175	91.6
Q003ERCF	HV Amps	125	250	125	250	250	125	250	125	250	125	125	125	250	125	250	125
	KVA	14.4	27.5	15.0	28.8	30.2	16.5	31.5	17.2	33.0	18.0	27.5	28.6	57.7	30.2	63.0	33.0
	LV Amps	150	275	150	275	275	150	275	150	275	150	137	137	262	137	262	137
Q005ERCF	HV Amps	208	417	208	417	417	208	417	208	417	208	208	208	417	208	417	208
	KVA	24.0	45.8	25.0	48.0	50.4	27.5	52.7	28.7	55.0	30.0	45.8	47.7	96.3	50.4	105	55.0
	LV Amps	250	458	250	458	458	250	458	250	458	250	229	229	438	229	438	229
CONNECTION DIAGRAM		2	1	2	1	1	2	1	2	1	2	4	4	3	4	3	4

SECTION 2



How to use the Selection Chart

1. From the top row of the "Selection Chart" locate the high and low voltage combination that is closest to the one you require.
2. Move down that column to the kVA or Ampere rating equal to or greater than the rating required by the load.
3. From the far left column, obtain the transformer catalog number.
4. For dimensional information refer to the specifications table (Group B) on page 88.
5. The corresponding connection diagram is indicated at the bottom of the Voltage / kVA column. See page 90 for the connection diagrams.

Single Phase - Group B Selection Chart

Catalog Number	Low Voltage High Voltage	95	101	106	110	110	115	115	120	120	203	208	220	220	230	240	240
		120	115	120	125	139	130	146	136	152	230	236	235	249	261	256	272
QC05ESCB	HV Amps	1.56	3.13	3.13	3.13	1.56	3.13	1.56	3.13	1.56	1.56	1.56	3.13	1.56	1.56	3.13	1.56
	KVA	.188	.359	.375	.390	.218	.407	.228	.425	.238	.359	.368	.733	.390	.407	.800	.425
	LV Amps	1.98	3.54	3.54	3.54	1.98	3.54	1.98	3.54	1.98	1.77	1.77	3.33	1.77	1.77	3.33	1.77
QC10ESCB	HV Amps	3.12	6.25	6.25	6.25	3.12	6.25	3.12	6.25	3.12	3.12	3.12	6.25	3.12	3.12	6.25	3.12
	KVA	.376	.718	.751	.779	.435	.815	.455	.850	.475	.719	.737	1.47	.779	.815	1.60	.850
	LV Amps	3.96	7.08	7.08	7.08	3.96	7.08	3.96	7.08	3.96	3.54	3.54	6.67	3.54	3.54	6.67	3.54
QC15ESCB	HV Amps	4.69	9.38	9.38	9.38	4.69	9.38	4.69	9.38	4.69	4.69	4.69	9.38	4.69	4.69	9.38	4.69
	KVA	.564	1.07	1.13	1.17	.653	1.22	.683	1.28	.713	1.08	1.10	2.20	1.17	1.22	2.40	1.28
	LV Amps	5.94	10.6	10.6	10.6	5.94	10.6	5.94	10.6	5.94	5.31	5.31	10.0	5.31	5.31	10.0	5.31
QC20ESCB	HV Amps	6.25	12.5	12.5	12.5	6.25	12.5	6.25	12.5	6.25	6.25	6.25	12.5	6.25	6.25	12.5	6.25
	KVA	.752	1.43	1.50	1.56	0.871	1.63	0.91	1.70	.950	1.44	1.47	2.93	1.56	1.63	3.20	1.70
	LV Amps	7.92	14.2	14.2	14.2	7.92	14.2	7.92	14.2	7.92	7.08	7.08	13.3	7.08	7.08	13.3	7.08
QC25ESCB	HV Amps	7.81	15.6	15.6	15.6	7.81	15.6	7.81	15.6	7.81	7.81	7.81	15.6	7.81	7.81	15.6	7.81
	KVA	0.94	1.80	1.87	1.95	1.09	2.04	1.14	2.12	1.19	1.80	1.84	3.67	1.95	2.04	4.00	2.12
	LV Amps	9.90	17.7	17.7	17.7	9.87	17.7	9.90	17.7	9.90	8.85	8.85	16.7	8.85	8.85	16.7	8.85
QC35ESCB	HV Amps	10.9	21.9	21.9	21.9	10.9	21.9	10.9	21.9	10.9	10.9	10.9	21.9	10.9	10.9	21.9	10.9
	KVA	1.31	2.51	2.63	2.73	1.52	2.85	1.59	2.98	1.66	2.51	2.58	5.13	2.73	2.85	5.60	2.98
	LV Amps	13.9	24.8	24.8	24.8	13.9	24.8	13.9	24.8	13.9	12.4	12.4	23.3	12.4	12.4	23.3	12.4
QC50ESCB	HV Amps	15.6	31.2	31.2	31.2	15.6	31.2	15.6	31.2	15.6	15.6	15.6	31.2	15.6	15.6	31.2	15.6
	KVA	1.88	3.59	3.75	3.90	2.18	4.07	2.28	4.25	2.37	3.59	3.68	7.33	3.90	4.07	8.00	4.25
	LV Amps	19.8	35.4	35.4	35.4	19.8	35.4	19.8	35.4	19.8	17.7	17.7	33.3	17.7	17.7	33.3	17.7
QC75ESCB	HV Amps	23.4	46.8	46.8	46.9	23.4	46.9	23.4	46.9	23.4	23.4	23.4	46.9	23.4	23.4	46.9	23.4
	KVA	2.82	5.39	5.63	5.84	3.27	6.10	3.41	6.37	3.56	5.39	5.53	11.0	5.84	6.11	12.0	6.37
	LV Amps	29.7	53.1	53.1	53.1	29.7	53.1	29.7	53.1	29.7	26.6	26.6	50.0	26.6	26.6	50.0	26.6
Q1C0ESCB	HV Amps	31.2	62.5	62.5	62.5	31.2	62.5	31.2	62.5	31.2	31.2	31.2	62.5	31.2	31.2	62.5	31.2
	KVA	3.76	7.18	7.50	7.79	4.35	8.15	4.55	8.50	4.75	7.19	7.37	14.7	7.79	8.15	16.0	8.50
	LV Amps	39.6	70.8	70.8	70.8	39.6	70.8	39.6	70.8	39.6	35.4	35.4	66.7	35.4	35.4	66.7	35.4
Q1C5ESCF	HV Amps	46.9	93.7	93.7	93.7	46.9	93.7	46.9	93.7	46.9	46.9	46.8	93.7	46.9	46.9	93.7	46.9
	KVA	5.64	10.8	11.2	11.7	6.53	12.2	6.83	12.7	7.12	10.8	11.0	22.0	11.7	12.2	24.0	12.7
	LV Amps	59.4	106	106	106	59.4	106	59.4	106	59.4	53.1	53.1	100	53.1	53.1	100	53.1
Q002ESCF	HV Amps	62.5	125	125	125	62.5	125	62.5	125	62.5	62.5	62.5	125	62.5	62.5	125	62.5
	KVA	7.50	14.4	15.0	15.6	8.71	16.3	9.10	17.0	9.50	14.4	14.7	29.3	15.6	16.3	32.0	17.0
	LV Amps	79.1	142	142	142	79.2	142	79.2	142	79.2	70.8	70.8	133	70.8	70.8	133	70.8
Q003ESCF	HV Amps	93.7	187	187	187	93.7	187	93.7	187	93.7	93.7	93.7	187	93.7	93.7	187	93.7
	KVA	11.3	21.5	22.5	23.4	13.0	24.4	13.6	25.5	14.2	21.6	22.1	44.0	23.4	24.4	48.0	25.5
	LV Amps	119	212	212	212	119	212	119	212	119	106	106	200	106	106	200	106
Q005ESCF	HV Amps	156	312	312	312	156	312	156	312	156	156	156	312	156	156	312	156
	KVA	18.8	35.9	37.5	39.0	21.8	40.7	22.8	42.5	23.8	35.9	36.8	73.3	39.0	40.7	80.0	42.5
	LV Amps	198	354	354	354	198	354	198	354	198	177	177	333	177	177	333	177
CONNECTION DIAGRAM		2	1	1	1	2	1	2	1	2	4	4	3	4	4	3	4



How to use the Selection Chart

1. From the top row of the "Selection Chart" locate the high and low voltage combination that is closest to the one you require.
2. Move down that column to the kVA or Ampere rating equal to or greater than the rating required by the load.
3. From the far left column, obtain the transformer catalog number.
4. For dimensional information refer to the specifications table (Group C) on page 88.
5. The corresponding connection diagram is indicated at the bottom of the Voltage / kVA column. See page 90 for the connection diagrams.

Single Phase - Group C Selection Chart

Catalog Number	Low Voltage High Voltage	200	208	220	230	240	380	416	430	435	436	440	440	450	456	460	480
		220	229	242	276	264	418	458	473	457	480	462	484	473	479	483	504
QC05DTCB	HV Amps	2.08	2.08	2.08	1.04	2.08	1.04	1.04	1.04	2.08	1.04	2.08	1.04	2.08	2.08	2.08	2.08
	KVA	0.46	0.48	0.50	0.29	0.55	0.44	0.48	0.49	0.95	0.50	0.96	0.50	0.98	1.00	1.01	1.05
QC10DTCB	HV Amps	4.17	4.17	4.17	2.08	4.17	2.08	2.08	2.08	4.17	2.08	4.17	2.08	4.17	4.17	4.17	4.17
	KVA	0.92	0.95	1.01	0.58	1.10	0.87	0.95	0.99	1.90	1.00	1.93	1.01	1.97	2.00	2.01	2.10
QC15DTCB	HV Amps	6.25	6.25	6.25	3.13	6.25	3.13	3.13	3.13	6.25	3.13	6.25	3.13	6.25	6.25	6.25	6.25
	KVA	1.38	1.43	1.51	0.86	1.65	1.31	1.43	1.48	2.85	1.50	2.89	1.51	2.95	2.99	3.02	3.15
QC20DTCB	HV Amps	8.33	8.33	8.33	4.17	8.33	4.17	4.17	4.17	8.33	4.17	8.33	4.17	8.33	8.33	8.33	8.33
	KVA	1.83	1.91	2.02	1.15	2.20	1.74	1.91	1.97	3.81	2.00	3.85	2.02	3.94	3.99	4.03	4.20
QC25DTCB	HV Amps	10.4	10.4	10.4	5.21	10.4	5.21	5.21	5.21	10.4	5.21	10.4	5.21	10.4	10.4	10.4	10.4
	KVA	2.29	2.38	2.52	1.44	2.75	2.18	2.38	2.46	4.76	2.50	4.81	2.52	4.92	4.99	5.03	5.25
QC35DTCB	HV Amps	14.6	14.6	14.6	7.3	14.6	7.3	7.3	7.3	14.6	7.3	14.6	7.3	14.6	14.6	14.6	14.6
	KVA	3.21	3.34	3.53	2.01	3.85	3.05	3.34	3.45	6.61	3.50	6.74	3.53	6.89	6.98	7.0	7.4
QC50DTCB	HV Amps	20.8	20.8	20.8	10.4	20.8	10.4	10.4	10.4	20.8	10.4	20.8	10.4	20.8	20.8	20.8	20.8
	KVA	4.58	4.77	5.04	2.88	5.5	4.35	4.77	4.93	9.52	5.00	9.63	5.04	9.84	9.98	10.1	10.5
QC75DTCB	HV Amps	31.3	31.3	31.3	15.6	31.3	15.6	15.6	15.6	31.3	15.6	31.3	15.6	31.3	31.3	31.3	31.3
	KVA	6.88	7.15	7.56	4.31	8.25	6.53	7.15	7.39	14.3	7.49	14.4	7.56	14.8	15.0	15.1	15.8
Q1C0DTCB	HV Amps	41.7	41.7	41.7	20.8	41.7	20.8	20.8	20.8	41.7	20.8	41.7	20.8	41.7	41.7	41.7	41.7
	KVA	9.17	9.53	10.1	5.75	11	8.71	9.53	9.85	19.0	9.99	19.3	10.1	19.7	20.0	20.1	21.0
Q1C5DTCF	HV Amps	62.5	62.5	62.5	31.3	62.5	31.3	31.3	31.3	62.5	31.3	62.5	31.3	62.5	62.5	62.5	62.5
	KVA	13.8	14.3	15.1	8.6	16.5	13.1	14.3	14.8	28.5	15.0	28.9	15.1	29.5	29.9	30.2	31.5
Q002DTCF	HV Amps	83.3	83.3	83.3	41.7	83.3	41.7	41.7	41.7	83.3	41.7	83.3	41.7	83.3	83.3	83.3	83.3
	KVA	18.3	19.1	20.2	11.5	22.0	17.4	19.1	19.7	38.1	20.0	38.5	20.2	39.4	39.9	40.3	42.0
Q003DTCF	HV Amps	125	125	125	62.5	125	62.5	62.5	62.5	125	62.5	125	62.5	125	125	125	125
	KVA	27.5	28.6	30.3	17.3	33	26.1	28.6	29.6	57.1	30.0	57.8	30.3	59.1	59.9	60.4	63.0
Q005DTCF	HV Amps	208	208	208	104	208	104	104	104	208	104	208	104	208	208	208	208
	KVA	45.8	47.7	50.4	28.8	55.0	43.5	47.7	49.3	95.2	50.0	96.3	50.4	98.4	99.8	101	105
CONNECTION DIAGRAM		1	1	1	2	1	4	4	4	3	4	3	4	3	3	3	3

SECTION 2



How to use the Selection Chart

1. From the top row of the "Selection Chart" locate the high and low voltage combination that is closest to the one you require.
2. Determine the quantity you required.
3. The corresponding connection diagram is indicated at the top of the Voltage / kVA column. See page 91-92 for the connection diagrams.
4. Move down that column to the kVA or Ampere rating equal to or greater than the rating required by the load.
5. From the far left column, obtain the transformer catalog number.
6. For dimensional information refer to the specifications table (Group A) on page 89.

Three Phase - Group A Selection Chart

Catalog Number	Low Voltage		189	198	208	208	220	227	228	232	240	189	199	208	379	416	416
	High Voltage		208	208	218	229	242	250	239	255	264	109	115	120	219	240	240
QUANTITY REQUIRED			2	2	2	2	2	2	2	2	2	3	3	3	3	3	3
CONNECTION DIAGRAM <small>(Refer to Page 91-92)</small>			7	8	8	7	7	7	8	7	7	10	9	10	12	11	12
Three Phase Connection Style			Delta Connected									Wye Connected					
QC05ERCB	HV Amps		2.08	4.17	4.17	2.08	2.08	2.08	4.17	2.08	2.08	4.17	2.08	4.17	2.08	4.17	2.08
	KVA		0.76	1.51	1.58	0.83	0.88	0.91	1.73	0.93	0.96	1.50	0.86	1.65	1.51	3.15	1.65
	LV Amps		2.29	4.38	4.38	2.29	2.29	2.29	4.38	2.29	2.29	4.58	2.50	4.58	2.29	4.38	2.29
QC10ERCB	HV Amps		4.17	8.33	8.33	4.17	4.17	4.17	8.33	4.17	4.17	8.33	4.17	8.33	4.17	8.33	4.17
	KVA		1.51	3.01	3.16	1.66	1.75	1.81	3.46	1.85	1.91	3.00	1.73	3.30	3.01	6.30	3.30
	LV Amps		4.58	8.75	8.75	4.58	4.58	4.58	8.75	4.58	4.58	9.17	5.00	9.17	4.58	8.75	4.58
QC15ERCB	HV Amps		6.25	12.50	12.50	6.25	6.25	6.25	12.50	6.25	6.25	12.5	6.25	12.5	6.25	12.50	6.25
	KVA		2.26	4.51	4.73	2.48	2.62	2.71	5.19	2.77	2.86	4.50	2.59	4.95	4.52	9.45	4.95
	LV Amps		6.88	13.10	13.10	6.88	6.88	6.88	13.10	6.88	6.88	13.8	7.50	13.8	6.88	13.1	6.88
QC20ERCB	HV Amps		8.33	16.70	16.70	8.33	8.33	8.33	16.70	8.33	8.33	16.7	8.33	16.7	8.33	16.70	8.33
	KVA		3.01	6.01	6.31	3.31	3.50	3.61	6.92	3.69	3.82	6.00	3.45	6.60	6.03	12.6	6.60
	LV Amps		9.17	17.50	17.50	9.17	9.17	9.17	17.50	9.17	9.17	18.3	10.0	18.3	9.17	17.5	9.17
QC25ERCB	HV Amps		10.4	20.8	20.8	10.4	10.4	10.4	20.8	10.4	10.4	20.8	10.4	20.8	10.4	20.8	10.4
	KVA		3.76	7.51	7.89	4.13	4.37	4.51	8.64	4.61	4.77	7.50	4.31	8.25	7.53	15.75	8.25
	LV Amps		11.5	21.9	21.9	11.5	11.5	11.5	21.9	11.5	11.5	22.9	12.5	22.9	11.5	21.9	11.5
QC35ERCB	HV Amps		14.6	29.2	29.2	14.6	14.6	14.6	29.2	14.6	14.6	29.2	14.6	29.2	14.6	29.2	14.6
	KVA		5.26	10.50	11.00	5.78	6.12	6.31	12.10	6.45	6.67	10.50	6.04	11.55	10.54	22.05	11.60
	LV Amps		16.0	30.6	30.6	16.0	16.0	16.0	30.6	16.0	16.0	32.1	17.5	32.1	16.0	30.6	16.0
QC50ERCB	HV Amps		20.8	41.7	41.7	20.8	20.8	20.8	41.7	20.8	20.8	41.7	20.8	41.7	20.8	41.7	20.8
	KVA		7.51	15.00	15.80	8.26	8.74	9.02	17.30	9.21	9.53	15.0	8.60	16.5	15.1	31.5	16.5
	LV Amps		22.9	43.8	43.8	22.9	22.9	22.9	43.8	22.9	22.9	45.8	25.0	45.8	22.9	43.8	22.9
QC75ERCB	HV Amps		31.3	62.5	62.5	31.3	31.3	31.3	62.5	31.3	31.3	62.5	31.3	62.5	31.3	62.5	31.3
	KVA		11.3	22.5	23.7	12.4	13.1	13.5	25.9	13.8	14.3	22.5	12.9	24.8	22.6	47.3	24.8
	LV Amps		34.4	65.6	65.6	34.4	34.4	34.4	65.6	34.4	34.4	68.8	37.5	68.8	34.4	65.6	34.4
Q1C0ERCB	HV Amps		41.7	83.3	83.3	41.7	41.7	41.7	83.3	41.7	41.7	83.3	41.7	83.3	41.7	83.3	41.7
	KVA		15.0	30.0	31.5	16.5	17.5	18.0	34.6	18.4	19.1	30.0	17.3	33.0	30.1	63.0	33.0
	LV Amps		45.8	87.5	87.5	45.8	45.8	45.8	87.5	45.8	45.8	91.7	50.0	91.7	45.8	87.5	45.8
Q1C5ERCF	HV Amps		62.5	125.0	125.0	62.5	62.5	62.5	125.0	62.5	62.5	125	62.5	125	62.5	125.0	62.5
	KVA		22.5	45.0	47.3	24.8	26.2	27.0	51.8	27.6	28.6	45.0	25.9	49.5	45.2	94.5	49.5
	LV Amps		68.8	131.0	131.0	68.8	68.8	68.8	131.0	68.8	68.8	138	75.0	138	68.8	131	68.8
Q002ERCF	HV Amps		83.3	167.0	167.0	83.3	83.3	83.3	167.0	83.3	83.3	167	83.3	167	83.3	167.0	83.3
	KVA		30.0	60.0	63.1	33.0	34.9	36.1	69.1	36.8	38.1	60.0	34.5	66.0	60.3	126	66.0
	LV Amps		91.7	175.0	175.0	91.7	91.7	91.7	175.0	91.7	91.7	183	100	183	91.7	175	91.7
Q003ERCF	HV Amps		125	250	250	125	125	125	250	125	125	250	125	250	125	250	125
	KVA		45.0	90.0	94.6	49.5	52.4	54.1	103.7	55.3	57.2	90.0	51.8	99.0	90.4	189	99.0
	LV Amps		138	263	263	138	138	138	263	138	138	275	150	275	138	263	138
Q005ERCF	HV Amps		208	417	417	208	208	208	417	208	208	417	208	417	208	417	208
	KVA		75.0	150.0	157.6	82.6	87.3	90.1	172.8	92.1	95.3	150	86.3	165	151	315	165
	LV Amps		229	438	438	229	229	229	438	229	229	458	250	458	229	438	229



How to use the Selection Chart

1. From the top row of the "Selection Chart" locate the high and low voltage combination that is closest to the one you require.
2. Determine the quantity you required.
3. The corresponding connection diagram is indicated at the top of the Voltage / kVA column. See page 91-92 for the connection diagrams.
4. Move down that column to the kVA or Ampere rating equal to or greater than the rating required by the load.
5. From the far left column, obtain the transformer catalog number.
6. For dimensional information refer to the specifications table (Group B) on page 89.

Three Phase - Group B Selection Chart

Catalog Number	Low Voltage	184	195	208	208	225	230	234	234	240	240	184	208	379	416	416
	High Voltage	209	208	222	236	240	245	250	265	272	256	106	120	219	240	240
QUANTITY REQUIRED		2	2	2	2	2	2	2	2	2	2	3	3	3	3	3
CONNECTION DIAGRAM <small>(Refer to Page 91-92)</small>		7	8	8	7	8	8	8	7	7	8	10	10	12	11	12
Three Phase Connection Style		Delta Connected										Wye Connected				
QC05ESCB	HV Amps	1.56	3.13	3.13	1.56	3.13	3.13	3.13	1.56	1.56	3.13	3.13	3.13	1.56	3.13	1.56
	KVA	0.57	1.13	1.21	0.64	1.30	1.33	1.36	0.72	0.74	1.39	1.13	1.28	1.17	2.40	1.28
	LV Amps	1.77	3.33	3.33	1.77	3.33	3.33	3.33	1.77	1.77	3.33	3.54	3.54	1.77	3.33	1.77
QC10ESCB	HV Amps	3.13	6.25	6.25	3.13	6.25	6.25	6.25	3.13	3.13	6.25	6.25	6.25	3.13	6.25	3.13
	KVA	1.13	2.26	2.41	1.28	2.60	2.66	2.71	1.44	1.48	2.78	2.25	2.55	2.33	4.80	2.55
	LV Amps	3.54	6.67	6.67	3.54	6.67	6.67	6.67	3.54	3.54	6.67	7.08	7.08	3.54	6.67	3.54
QC15ESCB	HV Amps	4.69	9.38	9.38	4.69	9.38	9.38	9.38	4.69	4.69	9.38	9.38	9.38	4.69	9.4	4.69
	KVA	1.70	3.38	3.61	1.92	3.90	3.99	4.06	2.16	2.21	4.16	3.38	3.83	3.50	7.20	3.83
	LV Amps	5.31	10.00	10.00	5.31	10.00	10.00	10.00	5.31	5.31	10.00	10.6	10.6	5.31	10.0	5.31
QC20ESCB	HV Amps	6.25	12.50	12.50	6.25	12.50	12.50	12.50	6.25	6.25	12.50	12.5	12.5	6.25	12.50	6.25
	KVA	2.26	4.51	4.81	2.56	5.20	5.32	5.41	2.88	2.94	5.55	4.50	5.10	4.67	9.60	5.10
	LV Amps	7.08	13.30	13.30	7.08	13.30	13.30	13.30	7.08	7.08	13.30	14.2	14.2	7.08	13.3	7.08
QC25ESCB	HV Amps	7.81	15.60	15.60	7.80	15.60	15.60	15.60	7.81	7.81	15.60	15.6	15.6	7.81	15.6	7.81
	KVA	2.83	5.63	6.01	3.19	6.50	6.64	6.76	3.59	3.69	6.93	5.63	6.38	5.84	12.0	6.38
	LV Amps	8.85	16.70	16.70	8.90	16.70	16.70	16.70	8.85	8.85	16.70	17.7	17.7	8.85	16.7	8.85
QC35ESCB	HV Amps	10.9	21.9	21.9	10.9	21.9	21.9	21.9	10.9	10.9	21.9	21.9	21.9	10.9	21.9	10.9
	KVA	3.96	7.89	8.41	4.47	9.10	9.30	9.46	5.03	5.16	9.70	7.88	8.93	8.17	16.8	8.93
	LV Amps	12.4	23.3	23.3	12.4	23.3	23.3	23.3	12.4	12.4	23.3	24.8	24.8	12.4	23.3	12.4
QC50ESCB	HV Amps	15.6	31.3	31.3	15.6	31.3	31.3	31.3	15.6	15.6	31.3	31.3	31.3	15.6	31.3	15.6
	KVA	5.65	11.30	12.00	6.38	13.00	13.30	13.50	7.18	7.37	13.90	11.3	12.8	11.7	24.0	12.8
	LV Amps	17.7	33.3	33.3	17.7	33.3	33.3	33.3	17.7	17.7	33.3	35.4	35.4	17.7	33.3	17.7
QC75ESCB	HV Amps	23.4	46.9	46.9	23.4	46.9	46.9	46.9	23.4	23.4	46.9	46.9	46.9	23.4	46.9	23.4
	KVA	8.47	16.90	18.00	9.57	19.5	19.9	20.3	10.8	11.1	20.8	16.9	19.1	17.5	36.0	19.1
	LV Amps	26.6	50.0	50.0	26.6	50.0	50.0	50.0	26.6	26.6	50.0	53.1	53.1	26.6	50.0	26.6
Q1C0ESCB	HV Amps	31.3	62.5	62.5	31.3	62.5	62.5	62.5	31.3	31.3	62.5	62.5	62.5	31.3	62.5	31.3
	KVA	11.3	22.5	24.0	12.8	26.0	26.6	27.0	14.4	14.7	27.7	22.5	25.5	23.3	48.0	25.5
	LV Amps	35.4	66.7	66.7	35.4	66.7	66.7	66.7	35.4	35.4	66.7	70.8	70.8	35.4	66.7	35.4
Q1C5ESCF	HV Amps	46.9	93.8	93.8	46.9	93.8	93.8	93.8	46.9	46.9	93.8	93.8	93.8	46.9	93.8	46.9
	KVA	16.9	33.8	36.0	19.1	39.0	39.8	40.5	21.5	22.1	41.6	33.8	38.3	35.0	72.0	38.3
	LV Amps	53.1	100.0	100.0	53.1	100.0	100.0	100.0	53.1	53.1	100.0	106	106	53.1	100	53.1
Q002ESCF	HV Amps	62.5	125.0	125.0	62.5	125.0	125.0	125.0	62.5	62.5	125.0	125	125	62.5	125.0	62.5
	KVA	22.6	45.0	48.0	25.5	52.0	53.1	54.0	28.7	29.4	55.4	45.0	51.0	46.7	96.0	51.0
	LV Amps	70.8	133.3	133.3	70.8	133.3	133.3	133.3	70.8	70.8	133.3	142	142	70.8	133	70.8
Q003ESCF	HV Amps	93.75	187.5	187.5	93.75	187.5	187.5	187.5	93.75	93.75	187.5	188	188	93.8	188	93.8
	KVA	33.9	67.6	72.1	38.3	78.0	79.7	81.1	43.1	44.2	83.1	67.5	76.5	70.0	144	76.5
	LV Amps	106.3	200	200	106.3	200	200	200	106.3	106.3	200	213	213	106	200	106
Q005ESCF	HV Amps	156.25	312.5	312.5	156.25	313	312.5	312.5	156.25	156.25	312.5	313	313	156	313	156
	KVA	56.4	112.6	120.1	63.8	129.9	132.8	135.1	71.8	73.6	138.6	113	128	117	240	128
	LV Amps	177.1	333.3	333.3	177.1	333.3	333.3	333.3	177.1	177.1	333.3	354	354	177	333	177



How to use the Selection Chart

1. From the top row of the "Selection Chart" locate the high and low voltage combination that is closest to the one you require.
2. Determine the quantity you required.
3. The corresponding connection diagram is indicated at the top of the Voltage / kVA column. See page 91-92 for the connection diagrams.
4. Move down that column to the kVA or Ampere rating equal to or greater than the rating required by the load.
5. From the far left column, obtain the transformer catalog number.
6. For dimensional information refer to the specifications table (Group C) on page 89.

Three Phase - Group C Selection Chart

Catalog Number	Low Voltage	173	200	208	362	380	400	419	436	457	480	480	346	379	400	416
	High Voltage	208	240	250	380	418	440	440	480	480	528	504	416	456	480	499
QUANTITY REQUIRED		2	2	2	2	2	2	2	2	2	2	2	3	3	3	3
CONNECTION DIAGRAM <small>(Refer to Page 91-92)</small>		5	5	5	6	7	7	8	7	8	7	8	9	9	9	9
Three Phase Connection Style		Delta Connected											Wye Connected			
QC05DTCB	HV Amps	1.04	1.04	1.04	2.08	1.04	1.04	2.08	1.04	2.08	1.04	2.08	1.04	1.04	1.04	1.04
	KVA	0.38	0.44	0.46	1.44	0.76	0.80	1.67	0.87	1.82	0.96	1.82	0.75	0.82	0.87	0.90
QC10DTCB	HV Amps	2.08	2.08	2.08	4.17	2.08	2.08	4.17	2.08	4.17	2.08	4.17	2.08	2.08	2.08	2.08
	KVA	0.75	0.87	0.91	2.88	1.51	1.59	3.33	1.74	3.63	1.91	3.64	1.50	1.64	1.73	1.80
QC15DTCB	HV Amps	3.13	3.13	3.13	6.25	3.13	3.13	6.25	3.13	6.25	3.13	6.25	3.13	3.13	3.13	3.13
	KVA	1.13	1.30	1.36	4.32	2.27	2.39	4.99	2.60	5.45	2.86	5.46	2.25	2.47	2.60	2.70
QC20DTCB	HV Amps	4.17	4.17	4.17	8.33	4.17	4.17	8.33	4.17	8.33	4.17	8.33	4.17	4.17	4.17	4.17
	KVA	1.50	1.74	1.81	5.75	3.02	3.18	6.66	3.47	7.26	3.82	7.28	3.00	3.29	3.46	3.60
QC25DTCB	HV Amps	5.21	5.21	5.21	10.4	5.21	5.21	10.40	5.21	10.40	5.21	10.40	5.21	5.21	5.21	5.21
	KVA	1.88	2.17	2.26	7.19	3.78	3.97	8.32	4.33	9.07	4.77	9.10	3.75	4.11	4.33	4.50
QC35DTCB	HV Amps	7.29	7.29	7.29	14.6	7.29	7.3	14.6	7.3	14.6	7.29	14.6	7.29	7.29	7.29	7.29
	KVA	2.63	3.04	3.16	10.1	5.28	5.56	11.70	6.06	12.70	6.67	12.70	5.25	5.75	6.06	6.30
QC50DTCB	HV Amps	10.4	10.4	10.4	20.8	10.4	10.4	20.8	10.4	20.8	10.4	20.8	10.4	10.4	10.4	10.4
	KVA	3.75	4.34	4.51	14.4	7.55	7.94	16.60	8.66	18.10	9.53	18.20	7.50	8.22	8.66	9.00
QC75DTCB	HV Amps	15.6	15.6	15.6	31.3	15.6	15.6	31.3	15.6	31.3	15.6	31.3	15.6	15.6	15.6	15.6
	KVA	5.62	6.50	6.76	21.6	11.3	11.9	25.0	13.0	27.2	14.3	27.3	11.3	12.3	13.0	13.5
Q1C0DTCB	HV Amps	20.8	20.8	20.8	41.7	20.8	20.8	41.7	20.8	41.7	20.8	41.7	20.8	20.8	20.8	20.8
	KVA	7.50	8.67	9.01	28.7	15.1	15.9	33.3	17.3	36.3	19.1	36.4	15.0	16.4	17.3	18.0
Q1C5DTCF	HV Amps	31.3	31.3	31.3	62.5	31.3	31.3	62.5	31.3	62.5	31.3	62.5	31.3	31.3	31.3	31.3
	KVA	11.2	13.0	13.5	43.1	22.6	23.8	49.9	26.0	54.4	28.6	54.6	22.5	24.7	26.0	27.0
Q002DTCF	HV Amps	41.7	41.7	41.7	83.3	41.7	41.7	83.3	41.7	83.3	41.7	83.3	41.7	41.7	41.7	41.7
	KVA	15.0	17.3	18.0	57.5	30.2	31.8	66.5	34.6	72.6	38.1	72.8	30.0	32.9	34.6	36.0
Q003DTCF	HV Amps	62.5	62.5	62.5	125	62.5	62.5	125.0	62.5	125.0	62.5	125.0	62.5	62.5	62.5	62.5
	KVA	22.5	26.0	27.0	86.2	45.3	47.6	99.8	51.9	109.0	57.2	109.0	45.0	49.3	51.9	54.0
Q005DTCF	HV Amps	104	104	104	208	104	104	208	104	208	104	208	104	104	104	104
	KVA	37.5	43.3	45.0	144.0	75.4	79.4	166.0	86.5	181.0	95.3	182.0	75.0	82.2	86.6	90.0

