



Transformateurs Monophasé et Triphasé- Courant de ligne en ampères

Email: sales@moloneytx.com Ontario: 416-534-9226 • Alberta: 780-962-4567 • New Brunswick: 506-536-1065
MOLONEY ELECTRIC INC. SINGLE PHASE DISTRIBUTION TRANSFORMERS - FULL LINE CURRENT IN AMPERES

VOLTS	TRANSFORMER RATING IN KVA - SINGLE PHASE														
	5	10	15	25	50	75	100	167	250	333	500	667	750	833	1000
120	41.7	83.3	125.0	208.3	416.7	625.0	833.3	1391.7	2083.3	2775.0	4166.7	5558.3	6250.0	6941.7	8333.3
240	20.8	41.7	62.5	104.2	208.3	312.5	416.7	695.8	1041.7	1387.5	2083.3	2779.2	3125.0	3470.8	4166.7
347	14.4	28.8	43.2	72.1	144.1	216.1	288.2	481.3	720.5	959.7	1440.9	1922.2	2161.4	2400.6	2881.8
480	10.4	20.8	31.3	52.1	104.2	156.3	208.3	347.9	520.8	693.8	1041.7	1389.6	1562.5	1735.4	2083.3
600	8.3	16.7	25.0	41.7	83.3	125.0	166.7	278.3	416.7	555.0	833.3	1111.7	1250.0	1388.3	1666.7
2400	2.1	4.2	6.3	10.4	20.8	31.3	41.7	69.6	104.2	138.8	208.3	277.9	312.5	347.1	416.7
4800	1.0	2.1	3.1	5.2	10.4	15.6	20.8	34.8	52.1	69.4	104.2	139.0	156.3	173.5	208.3
7200	0.7	1.4	2.1	3.5	6.9	10.4	13.9	23.2	34.7	46.3	69.4	92.6	104.2	115.7	138.9
8000	0.6	1.3	1.9	3.1	6.3	9.4	12.5	20.9	31.3	41.6	62.5	83.4	93.8	104.1	125.0
12000	0.4	0.8	1.3	2.1	4.2	6.3	8.3	13.9	20.8	27.8	41.7	55.6	62.5	69.4	83.3
14400	0.4	0.7	1.0	1.7	3.5	5.2	6.9	11.6	17.4	23.1	34.7	46.3	52.1	57.9	69.4
16000	0.3	0.6	0.9	1.6	3.1	4.7	6.3	10.4	15.6	20.8	31.3	41.7	46.9	52.1	62.5
19920	0.3	0.5	0.8	1.3	2.5	3.8	5.0	8.4	12.6	16.7	25.1	33.5	37.7	41.8	50.2
24940	0.2	0.4	0.6	1.0	2.0	3.0	4.0	6.7	10.0	13.4	20.1	26.7	30.1	33.4	40.1
27600	0.2	0.4	0.5	0.9	1.8	2.7	3.6	6.1	9.1	12.1	18.1	24.2	27.2	30.2	36.2
34500	0.1	0.3	0.4	0.7	1.5	2.2	2.9	4.8	7.3	9.7	14.5	19.3	21.7	24.1	29.0

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MOLONEY ELECTRIC INC. THREE PHASE DISTRIBUTION TRANSFORMERS - FULL LINE CURRENT IN AMPERES

VOLTS	TRANSFORMER RATING IN KV - THREE PHASE													
	30	45	75	112.5	150	225	300	500	750	1000	1500	2000	2500	3000
208	83.3	124.9	208.2	312.3	416.4	624.6	832.7	1387.9	2081.9	2775.8	4163.7	5551.6	6939.5	8327.4
240	72.2	108.3	180.4	270.6	360.9	541.3	721.7	1202.9	1804.3	2405.6	3608.6	4811.4	6014.2	7217.1
480	36.1	54.1	90.2	135.3	180.4	270.6	360.9	601.4	902.1	1202.9	1804.3	2405.7	3007.1	3608.6
600	28.9	43.3	72.2	108.3	144.3	216.5	288.7	481.1	721.7	962.3	1443.4	1924.6	2405.7	2886.8
2400	7.2	10.8	18.0	27.1	36.1	54.1	72.2	120.3	180.4	240.6	360.9	481.1	601.8	721.7
4160	4.2	6.3	10.4	15.6	20.8	31.2	41.6	69.4	104.1	138.8	208.2	277.6	347.2	416.4
4800	3.6	5.4	9.0	13.5	18.0	27.1	36.1	60.1	90.2	120.3	180.4	240.6	300.9	360.9
7200	2.4	3.6	6.0	9.0	12.0	18.0	24.1	40.1	60.1	80.2	120.3	160.4	200.6	240.6
8320	2.1	3.1	5.2	7.8	10.4	15.6	20.8	34.7	52.1	69.4	104.1	138.8	173.6	208.2
12470	1.4	2.1	3.5	5.2	7.0	10.4	13.9	23.2	34.7	46.3	69.5	92.6	115.8	138.9
13860	1.3	1.9	3.1	4.7	6.3	9.4	12.5	20.8	31.2	41.7	62.5	83.3	104.2	125.0
14400	1.2	1.8	3.0	4.5	6.0	9.0	12.0	20.1	30.1	40.1	60.1	80.2	100.3	120.3
19920	0.9	1.3	2.2	3.3	4.4	6.5	8.7	14.5	21.7	29.0	43.5	58.0	72.5	87.0
24940	0.7	1.0	1.7	2.6	3.5	5.2	7.0	11.6	17.4	23.2	34.7	46.3	57.9	69.5
27600	0.6	0.9	1.6	2.4	3.1	4.7	6.3	10.5	15.7	20.9	31.4	41.8	52.3	62.8
34500	0.5	0.8	1.3	1.9	2.5	3.8	5.0	8.4	12.6	16.7	25.1	33.5	41.9	50.2

Monophasé

KVA	AMPERAGE DE LIGNE			
	120	240	480	600
3	25.0	12.5	6.25	5.00
5	41.7	20.8	10.4	8.33
7.5	62.5	31.3	15.6	12.5
10	83.3	41.7	20.8	16.5
15	125	62.5	31.3	25.0
25	208	104	52.1	41.7
37.5	313	156	78.1	62.5
50	417	208	104	83.3
75	625	313	156	125
100	833	417	208	167

Triphasé

KVA	AMPERAGE DE LIGNE			
	208	240	480	600
10	27.8	24.1	12.0	9.62
15	41.6	36.1	18.0	14.4
30	83.3	72.2	36.1	28.9
45	125	108	54.1	43.3
50	139	120	60.1	48.1
75	208	180	90.2	72.2
112.5	312	271	135	108
150	416	361	180	144
225	625	542	271	217
300	830	720	360	290
500	1390	1200	600	480
750	2080	1800	900	720

REX MANUFACTURING

CSA UL FULL LOAD CURRENTS THREE PHASE TRANSFORMERS
Voltage (Line to Line)

KVA Rating	208	240	480	600	2400	4160
3	8.3	7.2	3.6	2.9	7.2	4.15
6	16.6	14.4	7.2	5.8	14.4	8.3
9	25	21.6	10.8	8.7	21.6	12.5
15	41.6	36	18	14.4	36	21
30	83	72	36	29	72	41.5
45	125	108	54	43	108	62.5
75	208	180	90	72	180	104
112.5	312	270	135	108	270	156
150	416	360	180	144	360	208
225	625	542	271	217	542	312
300	830	720	360	290	720	415
500	1390	1200	600	480	1200	694
750	2080	1800	900	720	1800	104

TRANSFORMER RATING FOR MOTOR H.P.

Motor HP	5	1.5	2	3	5	7.5	10	15	20	25
Single Phase KVA	2	3	3	3	5	7.5	10	15	25	37.5
Three Phase KVA	3	3	3	3	6	9	15	15	30	30

65 Basaltic Rd., Concord, Ontario L4K 1G4
 905-695-8844 FAX: 905-695-8855
 1-800-387-2840

REX MANUFACTURING

CSA UL FULL LOAD CURRENTS SINGLE PHASE TRANSFORMERS
Voltage

KVA Rating	120	208	240	480	600	2400
1	8.34	4.8	4.16	2.08	1.67	.42
3	25	14.4	12.5	6.25	5	1.25
5	41.7	24	20.8	10.4	8.35	2.08
7.5	62.5	36.1	31.2	15.6	12.5	3.12
10	83.4	48	41.6	20.8	16.7	4.16
15	125	72	62.5	31.2	25	6.25
25	208	120	104	52	41.7	10.4
37.5	312	180	156	78	62.5	15.6
50	417	240	208	104	83.5	20.8
75	625	361	312	156	125	31.2
100	834	480	416	208	167	41.6
125	1042	600	520	260	208	52
167.5	1396	805	698	349	279	70
200	1666	960	833	416	333	83.3
250	2080	1200	1040	520	417	104
333	2776	1600	1388	694	555	139
500	4170	2400	2080	1040	835	208

FOR OTHER KVA RATINGS OR VOLTAGES:
 THREE PHASE SINGLE PHASE
 Amperes = $\frac{KVA \times 1000}{Volts \times 1.732}$ Amperes = $\frac{KVA \times 1000}{Volts}$

Site internet: <http://www.agencebta.com/>

Agence Béliveau-Turmel & Associés avons au delà de 100 ans d'expérience dans le domaine électrique.



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R B M							
REX MANUFACTURING							
CSA UL	FULL LOAD CURRENTS THREE PHASE TRANSFORMERS Voltage (Line to Line)						
KVA Rating	208	240	480	600	2400	4160	
3	8.3	7.2	3.6	2.9	.72	.415	
6	16.6	14.4	7.2	5.8	1.44	.83	
9	25	21.6	10.8	8.7	2.16	1.25	
15	41.6	36	18	14.4	3.6	2.1	
30	83	72	36	29	7.2	4.15	
45	125	108	54	43	10.8	6.25	
75	208	180	90	72	18	10.4	
112.5	312	270	135	108	27	15.6	
150	416	360	180	144	36	20.8	
225	625	542	271	217	54	31.2	
300	830	720	360	290	72	41.5	
500	1390	1200	600	480	120	69.4	
750	2080	1800	900	720	180	104	

TRANSFORMER RATING FOR MOTOR H.P.											
Motor HP	.5	1	1.5	2	3	5	7.5	10	15	20	25
Single Phase KVA	2	3	3	3	5	7.5	10	15	25	25	37.5
Three Phase KVA	-	3	3	3	6	6	9	15	15	30	30

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R B M							
REX MANUFACTURING							
CSA UL	FULL LOAD CURRENTS SINGLE PHASE TRANSFORMERS Voltage						
KVA Rating	120	208	240	480	600	2400	
1	8.34	4.8	4.16	2.08	1.67	.42	
3	25	14.4	12.5	6.25	5	1.25	
5	41.7	24	20.8	10.4	8.35	2.08	
7.5	62.5	36.1	31.2	15.6	12.5	3.12	
10	83.4	48	41.6	20.8	16.7	4.16	
15	125	72	62.5	31.2	25	6.25	
25	208	120	104	52	41.7	10.4	
37.5	312	180	156	78	62.5	15.6	
50	417	240	208	104	83.5	20.8	
75	625	361	312	156	125	31.2	
100	834	480	416	208	167	41.6	
125	1042	600	520	260	208	52	
167.5	1396	805	698	349	279	70	
200	1666	960	833	416	333	83.3	
250	2080	1200	1040	520	417	104	
333	2776	1600	1388	694	555	139	
500	4170	2400	2080	1040	835	208	

FOR OTHER KVA RATINGS OR VOLTAGES:
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