

ELECTRICAL FEATURES

- Handmade lap windings for better heat distribution and dissipation in the stator
- Single voltage 230V – 460V – 600V (other voltage and frequency available upon request)
- Class H 180°C/356°F phase to phase insulation
- Each kiln motor double-steeped in non-hygroscopic varnish
- Inverter duty spike resistant magnet wire meeting NEMA MG1 part 31 for use at 20: 1 variable torque application
- Service factor 1.15 at 100°C/212°F or 1.00 service factor at 120°C/248°F
- 10 foot leads permanently identified with 200°C/392°F high temperature silicone rubber
- E-Pact high efficiency

MECHANICAL FEATURES

- Totally Enclosed Air Over (TEAO) enclosure preventing any penetration of moisture, dirt and acidity inside
- One-piece cast-iron frame for superior sturdiness
- Silicone protection on all components for additional rust and corrosion resistance
- Epoxy-based primer and 260°C/500°F enamel paint on surface
- Stainless steel grease fittings on each end bells
- Bearing retainer cap for additional mechanical strength and increased durability
- Oversized heat-stabilized C3 regreasable ball bearings
- NLGI2 non washable calcium sulfonate complex grease compatible with many types of grease
- 1/8" thick high temperature silicone gasket in junction box preventing water infiltration
- High temperature viton seal on drive end shaft

DRY KILN DUTY MOTOR

- Manufactured since 1995
- CSA approved and UL recognized for up to 120°C / 248°F
- Preferred choice by the largest dry kiln manufacturer
- Used by more than 400 sawmills worldwide
- North American and European distribution network
- Made in Canada – ISO 9001 quality control program
- Warranty up to 3 years *

* See EBI's Warranty Policy



a division of EBI Electric

2250, 90^e Rue,
Saint-Georges, Quebec G5Y 7J7

418 228-5505
1 888 228-5505

ebielectric.com
info@ebielectric.com



Altoona, PA
3127 Fairway Dr.
(814) 946-5428

Indiana, PA
620 Kolter Dr.
(724) 465-6181

Pittsburgh, PA
514 Parkway View Dr.
(412) 788-1520

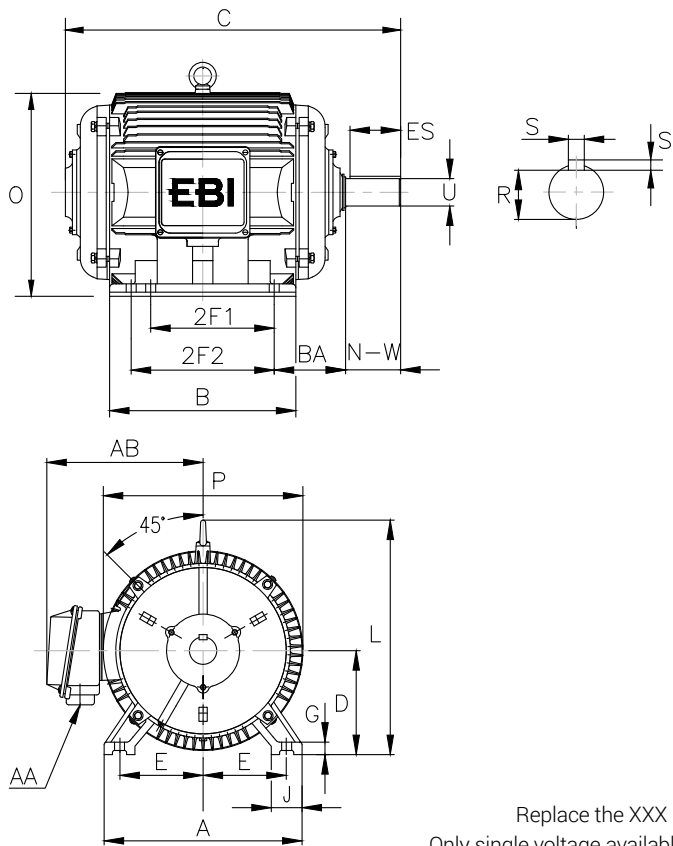
Erie, PA
1432 E. 12th St.(814)
453-6871

Meadville, PA 959
Bessemer St.
(814) 724-7717

St. Marys, PA
798 Washington St.
(814) 834-7402



NEMA FRAMES



Replace the XXX by the desired voltage
Only single voltage available: 230V - 460V - 600V
Other ratings available upon request

CATALOG

HP	RPM	FRAME	PART NUMBER
2	1800	145T	RTT21800145TXXXV
2	1200	184T	RTT21200184TXXXV
3	1800	182T	RTT31800182TXXXV
3	1200	213T	RTT31200213TXXXV
3	1200	215T	RTT31200215TXXXV
3	900	215T	RTT3900215TXXXV
4	1800	184T	RTT41800184TXXXV
5	1800	184T	RTT51800184TXXXV
5	1200	215T	RTT51200215TXXXV
5	1200	254T	RTT51200254TXXXV
5	900	254T	RTT5900254TXXXV
5	900	256T	RTT5900256TXXXV
5.5	1800	213T	RTT5.51800213TXXXV
7.5	1800	213T	RTT7.51800213TXXXV
7.5	1200	254T	RTT7.51200254TXXXV
7.5	900	256T	RTT7.5900256TXXXV
10	1800	215T	RTT101800215TXXXV
10	1200	256T	RTT101200256TXXXV
10	900	284T	RTT10900284TXXXV
10	900	286T	RTT10900286TXXXV
15	1200	284T	RTT151200284TXXXV
15	900	286T	RTT15900286TXXXV
20	1200	286T	RTT201200286TXXXV
20	900	324T	RTT20900324TXXXV
20	900	326T	RTT20900326TXXXV
25	900	326T	RTT25900326TXXXV
30	1200	326T	RTT301200326TXXXV

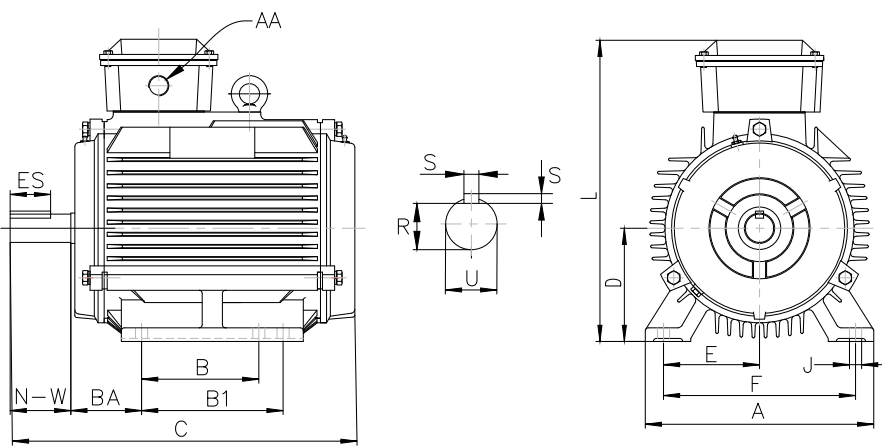
DIMENSIONS

NEMA	MOUNTING												SHAFT			KEY + KET SEAT			CONDUIT BOX	
	A	B	C	E	2F1	2F2	BA	G	J	L	O	P	N-W	U	D	R	S	ES	AA	AB
143T	6.875	5.250	10.63	2.75	4.00	-	2.25	0.472	1.45	6.9	7.000	6.75	2.25	0.875	3.5	0.771	0.188	1.41	0.75	6.1
145T	6.875	6.250	11.61	2.75	4.00	5.00	2.25	0.472	1.45	6.9	7.000	6.75	2.25	0.875	3.5	0.771	0.188	1.41	0.75	6.1
182T	8.750	6.300	12.60	3.75	4.50	-	2.75	0.520	1.97	10.39	9.000	8.75	2.75	1.125	4.5	0.986	0.250	1.78	1.00	7.32
184T	8.750	7.000	13.58	3.75	4.50	5.50	2.75	0.520	1.97	10.39	9.000	8.75	2.75	1.125	4.5	0.986	0.250	1.78	0.75	7.32
213T	10.500	7.625	15.83	4.25	5.50	-	3.50	0.709	2.36	12.26	10.250	9.75	3.38	1.375	5.25	1.201	0.312	2.41	1.00	8.63
215T	10.500	8.875	17.28	4.25	5.50	7.00	3.50	0.709	2.36	12.26	10.250	9.75	3.38	1.375	5.25	1.201	0.312	2.41	1.00	8.63
254T	12.375	10.500	20.24	5.00	8.25	-	4.25	0.787	2.76	14.94	12.500	12.25	4.00	1.625	6.25	1.416	0.375	2.91	1.50	11.20
256T	12.375	12.500	21.97	5.00	8.25	10.00	4.25	0.787	2.76	14.94	12.500	12.25	4.00	1.625	6.25	1.416	0.375	2.91	1.50	11.20
284T	13.750	12.375	22.99	5.50	9.50	-	4.75	0.866	2.76	16.33	14.000	14.00	4.62	1.875	7.00	1.591	0.500	3.28	1.50	12.00
286T	13.750	13.625	24.49	5.50	9.50	11.00	4.75	0.866	2.76	16.33	14.000	14.00	4.62	1.875	7.00	1.591	0.500	3.28	1.50	12.00
324T	15.500	13.625	25.63	6.25	10.50	-	5.25	0.984	2.76	18.35	15.750	15.00	5.25	2.125	8.00	1.845	0.500	3.91	2.00	13.40
326T	15.500	14.250	27.13	6.25	10.50	12.00	5.25	0.984	2.76	18.35	15.750	15.00	5.25	2.125	8.00	1.845	0.500	3.91	2.00	13.40
364T	18.000	15.200	28.15	7.00	11.25	-	5.88	1.102	2.95	20.57	21.060	17.40	5.88	2.375	9.00	2.021	0.625	4.28	3.00	15.70
365T	18.000	16.200	29.13	7.00	11.25	12.25	5.88	1.102	2.92	20.57	21.060	17.40	5.88	2.375	9.00	2.021	0.625	4.28	3.00	15.70

AVAILABLE OPTIONS

- Extra long leads
- Sealed bearings with superior high temperature grease
- Space heater
- Specially designed shaft
- Thermistors
- Oversized frame

IEC FRAMES



Replace the XXX by the desired voltage
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CATALOG

HP (KW)	RPM	FRAME	PART NUMBER
2 (1.5)	1800	100L	RTT21800100LXXXV
2 (1.5)	1200	112M	RTT21200112MXXXV
3 (2.2)	1800	100L	RTT31800100LXXXV
3 (2.2)	1200	132MS	RTT31200132MXXXV
4 (3)	1800	100L	RTT41800100LXXXV
4 (3)	1800	112M	RTT41800112MXXXV
5 (3.7)	1800	112M	RTT51800112MXXXV
5 (3.7)	1200	132MS	RTT51200132MXXXV
5.5 (4)	1800	112M	RTT5.51800112MXXXV
5.5 (4)	1800	132MS	RTT5.51800132MXXXV
7.5 (5.5)	1800	132MS	RTT7.51800132MXXXV
7.5 (5.5)	1200	160M	RTT7.51200160MXXXV
7.5 (5.5)	1200	160L	RTT7.51200160LXXXV
10 (7.5)	1800	132MS	RTT101800132MXXXV
10 (7.5)	1800	160M	RTT101800160MXXXV
10 (7.5)	1800	160L	RTT101800160LXXXV
10 (7.5)	1200	160M	RTT101200160MXXXV
10 (7.5)	1200	160L	RTT101200160LXXXV
15 (11)	1800	160M	RTT151800160MXXXV

DIMENSIONS

IEC	MOUNTING												SHAFT			KEY + KET SEAT			CONDUIT BOX
	A	B	B1	C	E	F	BA	J	L	N-W	U	D	R	S	ES	AA			
90L	175	140	-	290	70	140	56+/-1.5	4X10+/-0.36	252	50+/-0.37	24+/-0.004	90+/-0.5	20+/-0.002	8+/-0.036	40	1X M20			
100L	200	140	-	325	80	160	63+/-2.0	4X 12+/-0.43	275	60+/-0.37	28+/-0.002	100+/-0.5	24+/-0.002	8+/-0.036	45	1X M20			
112M	226	140	-	340	95	190	70+/-2.0	4X12+/-0.43	300	60+/-0.37	28+/-0.002	112+/-0.5	24+/-0.002	8+/-0.036	45	1X M20			
132M/S	262	140	178	430	108	216	89+/-2.0	6X12+/-0.43	340	80+/-0.37	38+/-0.002	132+/-0.5	33+/-0.002	10+/-0.036	60	1X M20			
160M/L	314	210	254	570	127	254	108+/-3.0	6X15+/-0.43	420	110+/-0.43	42+/-0.002	160+/-0.5	37+/-0.002	12+/-0.043	80	1X M30			
180M/L	349	140	279	625.00	139.5	349	121+/-3.0	6X15+/-0.43	455	110+/-0.43	48+/-0.002	180+/-0.5	42+/-0.002	14+/-0.043	80	1X M30			

AVAILABLE OPTIONS

- Extra long leads
- Sealed bearings with superior high temperature grease
- Space heater
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