RATINGS
for
SINGLE-UNIT W-SERIES VARIAC® AUTOTRANSFORMERS
with DURATRAK COATING PROCESS

This table lists commonly used single units and does not include all possible applications.

INPUT VOLTAGE	OUTPUT						TYPE	60-CYCLE NO-LOAD LOSS WATTS	DRIVING TORQUE OUNCE—INCHES	NET WEIGHT POUNDS	APPROXIMATE SHIPPING WEIGHT—POUNDS	CODE WORD	PRICE	REPLACEMENT BRUSH	ADD FOR BALL BEARINGS (NOTE E)
	Line-Voltage Connection				Overvoltage Connection										
	KVA LOAD RATING (SEE NOTE A)	VOLTAGE RANGE	RATED CURRENT AMPERES	MAXIMUM CURRENT AMPERES (SEE NOTE A)	VOLTAGE RANGE	RATED CURRENT AMPERES (SEE NOTE B)									
120		See Note C			0–140	2.0	**W2MT† (Portable 2-wire)**	3.5	5–10	4¾	10	BAGIC	**$26.00**	Type VB-1 75¢	$5.00
120		See Note C			0–140	2.0	**W2MT3† (Portable 3-wire)**	3.5	5–10	4¾	10	BAGOM	**28.00**		
120	**0.31**	0–120	2.0	2.6	0–140	2.0	**W2M† (With case)**	3.5	5–10	4¼	9	BAGER	**21.00**		
120	**0.37**	0–120	2.4	3.1	0–140	2.4	**W2† (Uncased)**	3.5	5–10	3½	6	BAGAL	**15.00**		
120		See Note C			0–140	5	**W5MT*† (Portable 2-wire)**	9	10–20	8¼	15	COTIC	**30.00**	Type VB-2 75¢	$6.00
120		See Note C			0–140	5	**W5MT3*† (Portable 3-wire)**	9	10–20	8¼	15	COTOM	**32.50**		
120	**0.78**	0–120	5.0	6.5	0–140	5	**W5M*† (With case)**	9	10–20	7¼	13	COTER	**24.00**		
120	**0.94**	0–120	6.0	7.8	0–140	6	**W5*† (Uncased)**	9	10–20	6½	12	COTAL	**18.00**		
120	**1.1**	0–120	7.1	9.2	See Note D		**W5LM (With case)**	12	10–20	7¼	13	COTAT	**23.50**		
120	**1.1**	0–120	7.1	9.2	See Note D		**W5LMT3 (Portable 3-wire)**	12	10–20	8½	15	COTOS	**34.50**		
120	**1.32**	0–120	8.5	11	See Note D		**W5L* (Uncased)**	12	10–20	6¾	12	COTUG	**17.50**		
120	**1.56**	0–120	10	13	0–140	10	**W10*† (Uncased)**	17	15–30	12½	18	DOGAL	**31.00**	Type VBT-10 $1.25	$7.00
120	**1.56**	0–120	10	13	0–140	10	**W10M† (With case)**	17	15–30	15½	21	DOGER	**44.00**		
120		See Note C			0–140	10	**W10MT† (Portable 2-wire)**	17	15–30	16	24	DOGIC	**51.00**		
120		See Note C			0–140	10	**W10MT3† (Portable 3-wire)**	17	15–30	16	24	DOGOM	**53.50**		
120	**3.12**	0–120	20	26	0–140	20	**W20*† (Uncased)**	27	45–90	21½	27	FEDAL	**48.00**	Type VBT-8 $2.50	$8.00
120	**3.12**	0–120	20	26	0–140	20	**W20M† (With case)**	27	45–90	24½	27	FEDER	**61.00**		
120		See Note C			0–140	20	**W20MT3† (Portable 3-wire)**	27	45–90	28	38	FEDOM	**90.00**		
120	**3.84**	0–120	28	32	0–140	28	**W30M (With case)**	35	50–100	37	46	KALER	**97.00**	Type VBT-13 $4.00	$11.00
120	**4.32**	0–120	30	36	0–140	30	**W30 (Uncased)**	35	50–100	30	36	KALAL	**75.00**		
120	**5.40**	0–120	40	45	0–140	40	**W50M*† (With case)**	50	150–300	57	74	GATER	**145.00**	Type VBT-6 $5.50	$15.00
120	**6.00**	0–120	50	50	0–140	50	**W50*† (Uncased)**	50	150–300	50	65	GATAL	**120.00**		

See footnotes on following page.

RATINGS

for

SINGLE-UNIT W-SERIES VARIAC® AUTOTRANSFORMERS

with DURATRAK COATING PROCESS

This table lists commonly used single units and does not include all possible applications.

INPUT VOLTAGE	OUTPUT: Line-Voltage Connection: KVA LOAD RATING (SEE NOTE A)	OUTPUT: Line-Voltage Connection: VOLTAGE RANGE	OUTPUT: Line-Voltage Connection: RATED CURRENT AMPERES	OUTPUT: Line-Voltage Connection: MAXIMUM CURRENT AMPERES (SEE NOTE A)	OUTPUT: Overvoltage Connection: VOLTAGE RANGE	OUTPUT: Overvoltage Connection: RATED CURRENT AMPERES (SEE NOTE B)	TYPE	60-CYCLE NO-LOAD LOSS WATTS	DRIVING TORQUE OUNCE—INCHES	NET WEIGHT POUNDS	APPROXIMATE SHIPPING WEIGHT—POUNDS	CODE WORD	PRICE	REPLACEMENT BRUSH	ADD FOR BALL BEARINGS (NOTE E)
240		See Note C			0–280	2	**W5HMT (Portable 2-wire)**	9	10–20	8¼	15	JOBIC	**$33.50**	Type VB-1 75¢	$6.00
240 120	**0.62** —	0–240 —	2.0 —	.2.6 —	0–280 0–280	2 1	**W5H† (Uncased)**	9	10–20	6½	10	JOBAL	**21.50**		
240 120	**0.62** —	0–240 —	2.0 —	2.6 —	0–280 0–280	2 1	**W5HM† (Cased)**	9	10–20	7¼	13	JOBER	**27.50**		
240 120	**1.25** —	0–240 —	4 —	5.2 —	0–280 0–280	4 2	**W10H† (Uncased)**	17	15–30	12	18	LUTAL	**33.00**	Type VBT-11 $1.25	$7.00
240 120	**1.25** —	0–240 —	4 —	5.2 —	0–280 0–280	4 2	**W10HM† (With Case)**	17	15–30	14½	21	LUTER	**46.00**		
240		See Note C			0–280	4	**W10HMT (Portable 2-wire)**	17	15–30	15½	24	LUTIC	**53.00**		
240		See Note C			0–280	4	**W10HMT3† (Portable 3-wire)**	17	15–30	15½	24	LUTOM	**55.50**		
240 120	**2.50** —	0–240 —	8 —	10.4 —	0–280 0–280	8 4	**W20H*† (Uncased)**	27	45–90	20½	27	MEPAL	**50.00**	Type VBT-12 $2.50	$8.00
240 120	**2.50** —	0–240 —	8 —	10.4 —	0–280 0–280	8 4	**W20HM† (With case)**	27	45–90	23½	31	MEPER	**63.00**		
240		See Note C			0–280	8	**W20HMT3† (Portable 3-wire)**	27	45–90	27	35	MEPOM	**92.00**		
240 120	**3.74** —	0–240 —	12 —	15.6 —	0–280 0–280	12 6	**W30H (Uncased)**	35	50–100	29	36	ZABAL	**75.00**	Type VBT-14 $4.00	$11.00
240 120	**3.74** —	0–240 —	12 —	15.6 —	0–280 0–280	12 6	**W30HM (With case)**	35	50–100	36	46	ZABER	**97.00**		
240 120	**7.45** —	0–240 —	20 —	31 —	0–280 0–280	20 10	**W50HM*† (With case)**	50	150–300	60	76	NITER	**145.00**	Type VBT-7 $5.50	$15.00
240 120	**7.80** —	0–240 —	25 —	32.5 —	0–280 0–280	25 12.5	**W50H*† (Uncased)**	50	150–300	53	67	NITAL	**120.00**		

NOTES

A. Maximum current can be drawn at maximum voltage for the line-voltage connection only. Kva as listed = normal input line voltage times maximum current.

B. Rated current should not be exceeded for the overvoltage connection. Output kva for overvoltage connection = output voltage times rated current.

C. Type MT and MT3 models have overvoltage connection and corresponding dial scales but can be supplied on special order with line-voltage connections and dial scales.

D. For 60-cycle use only; no overvoltage connection provided.

E. When ordering a unit with ball bearings, add the suffix "-BB" to the type number and the suffix BALLY to the code word.

*Listed under the Re-examination Service of the Underwriters' Laboratories.

†Approved by the Canadian Standards Association.