PRHZ8.E252739 - SERVO AND STEPPER MOTORS CERTIFIED FOR CANADA - COMPONENT

Servo and Stepper Motors Certified for Canada - Component

See General Information for Servo and Stepper Motors Certified for Canada - Component

DELTA ELECTRONICS INC E252739
31-1 SHIEN PAN RD
KUEI SAN INDUSTRIAL ZONE
TAOYUAN CITY, 333 TAIWAN
Servo motors, Model(s) ASM-20A, ASM-21A

Servo motors, Model(s) ASMT followed by 01, 02, 04, 07, 10, 15, 20, 30 or 50, followed by L or M, followed by A or B, followed by N/A or K. (a)

Servo motors, Model(s) DAI2C10401ES, DAI2C10401RS, DAI2C10602RS, DAI2C10604RS, DAI2C10807RS, DAI2C10910RS, DAI2C20401ES, DAI2C20401FS, DAI2C20401GS, DAI2C20401HS, DAI2C20401RS, DAI2C20602RS, DAI2C20604RS, DMU20A, DMU21A

Servo motors, Model(s) ECMA-C(x)0401(y)(z), ECMA-C(x)0602(y)(z), ECMA-C(x)0604(y)(z), ECMA-C(x)0807(y)(z), ECMA-J(x)0604(y)(z) and ECMA-J(x)0807(y)(z) series, where (x) may be A thru Z, or 0 thru 9; (y) may be R, E, S, or F; (z) may be A thru Z, or 0 thru 9

Servo motors, Model(s) Models ECMR-C(x)0401(y)(z), ECMR-C(x)0602(y)(z), ECMR-C(x)0604(y)(z), ECMR-C(x)0807(y)(z), ECMR-J(x)0604(y)(z) and ECMR-J(x)0807(y)(z) series, where (x) may be A thru Z, or 0 thru 9; (y) may be Y; (z) may be A thru Z, or 0 thru 9.

Servo motors, 110 V, Model(s) ECMA-C(X)040F(Y)(Z)*, ECMA-C(X)0601(Y)(Z)*, ECMA-C(X)1330(Y)(Z)(W)A$, ECMA-C(X)1330(Y)(Z)*, ECMA-C(X)1350(Y)(Z)(W)A$, ECMA-E(X)0605(Y)(Z)*, ECMA-E(X)1330(Y)(Z)*, ECMA-E(X)1333(Y)(Z)*, ECMA-E(X)181B(Y)(Z)*, ECMA-E(X)1835(Y)(Z)(W)A$, ECMA-E(X)221F(Y)(Z)*, ECMA-E(X)222A(Y)(Z)*, ECMA-F(X)1305(Y)(Z)*, ECMA-F(X)1308(Y)(Z)*, ECMA-F(X)1313(Y)(Z)*, ECMA-F(X)1318(Y)(Z)*, ECMA-F(X)221B(Y)(Z)*, ECMA-F(X)221F(Y)(Z)*, ECMC-C(X)0401(Y)(Z)*, ECMC-C(X)0602(Y)(Z)*, ECMC-C(X)0604(Y)(Z)*, ECMC-C(X)0807(Y)(Z)*, ECMC-C(X)0910(Y)(Z)*, ECMC-C(X)1010(Y)(Z)*, ECMC-E(X)1310(Y)(Z)*, ECMC-E(X)1315(Y)(Z)*, ECMC-E(X)1320(Y)(Z)*, ECMC-E(X)1820(Y)(Z)*, ECMC-E(X)1830(Y)(Z)*, ECMC-F(X)1308(Y)(Z)*, ECMC-F(X)1313(Y)(Z)*, ECMC-F(X)1318(Y)(Z)*, ECMC-F(X)1830(Y)(Z)*, ECMC-F(X)1845(Y)(Z)*, ECMD-E(A)0602(B)(Z)#, ECMD-E(A)0804(B)(Z)#, ECMD-E(A)1007(B)(Z)#, ECMD-E(A)1315(B)(Z)#, ECMD-E(A)1822(B)(Z)#, ECMD-E(A)1837(B)(Z)#

Servo motors, 110 V, Model(s) Models ECMR Series; followed by C, E, F, or G; followed by two digits, each may be A-Z, 0-9 or blank; followed by 04, 06, 08, 09, 10, 13, or 18; followed by 0F, 01, 02, 03, 04, 05, 06, 07, 09, 10, 15, 20, 30, 35, 45, 55, or 75; followed by A-H, J, K, M, N, or P- X; followed by S, 1, 7, 6, 9, 2, 4, 8, 5, 3, M, Y, P, D, H, L, K, X, F, A, B, E, G, or C.

Servo motors, 110 V, Model(s) Models ECMR-C(X)040F(Y)(Z), ECMR-C(X)0601(Y)(Z), ECMR-C(X)1330(Y)(Z), ECMR-E(X)0605(Y)(Z), ECMR-E(X)1330(Y)(Z), ECMR-E(X)1333(Y)(Z), ECMR-E(X)181B(Y)(Z), ECMR-E(X)221F(Y)(Z), ECMR-E(X)222A(Y)(Z), ECMR-F(X)1305(Y)(Z), ECMR-F(X)1308(Y)(Z), ECMR-F(X)1313(Y)(Z), ECMR-F(X)1318(Y)(Z), ECMR-F(X)221B(Y)(Z), ECMR-F(X)221F(Y)(Z) series, where (X) included two digits, each may be A-Z, 0-9 or blank; (Y) may be A, B, C, D, E, F, G, H, J, K, M, N, P, Q, R, S, T, U, V, W or X; (Z) may be A-Z, 0-9 or blank.

Servo motors, 110 V, Model(s) Models ECMR-C(X)1330(Y)(Z)(W)A, ECMR-C(X)1350(Y)(Z)(W)A, ECMR-E(X)1835(Y)(Z)(W)A series, where (X) included two digits, each may be A-Z, 0-9 or blank; (Y) may be A, B, C, D, E, F, G, H, J, K, M, N, P, Q, R, S, T, U, V, W or X; (Z) may be A-Z, 0-9 or blank; (W) may be G, H, L, M or W.

Servo motors, 220 V, Model(s) ECMA-J(X)0604(Y)(Z)*, ECMA-J(X)0807(Y)(Z)*, ECMA-J(X)0907(Y)(Z)*, ECMA-J(X)0910(Y)(Z)*, ECMA-J(X)1010(Y)(Z)*, ECMA-J(X)1020(Y)(Z)*, ECMA-J(X)1330(Y)(Z)*, ECMA-K(X)1305(Y)(Z)*, ECMA-K(X)1310(Y)(Z)*, ECMA-K(X)1315(Y)(Z)*, ECMA-K(X)1320(Y)(Z)*, ECMA-K(X)181B(Y)(Z)*, ECMA-K(X)1820(Y)(Z)*, ECMA-K(X)1835(Y)(Z)*, ECMA-K(X)221F(Y)(Z)*, ECMA-K(X)222A(Y)(Z)*, ECMA-L(X)0905(Y)(Z)*, ECMA-L(X)1305(Y)(Z)*, ECMA-L(X)1308(Y)(Z)*, ECMA-L(X)1313(Y)(Z)*, ECMA-L(X)1830(Y)(Z)*, ECMA-L(X)1845(Y)(Z)*, ECMA-L(X)1855(Y)(Z)*, ECMA-L(X)1875(Y)(Z)*, ECMA-M(X)1309(Y)(Z)*, ECMD-K(A)0804(B)(Z)#, ECMD-K(A)1007(B)(Z)#, ECMD-K(A)1315(B)(Z)#, ECMD-K(A)1822(B)(Z)#, ECMD-K(A)1837(B)(Z)#, ECMD-M90802B(Z)@, ECMD-M90802M(Z)@

Servo motors, 220 V, Model(s) Models ECMR-J(X)0604(Y)(Z), ECMR-J(X)0807(Y)(Z), ECMR-J(X)0907(Y)(Z), ECMR-J(X)0910(Y)(Z), ECMR-J(X)1010(Y)(Z), ECMR-J(X)1020(Y)(Z), ECMR-J(X)1330(Y)(Z), ECMR-L(X)0905(Y)(Z), ECMR-L(X)1305(Y)(Z), ECMR-L(X)1308(Y)(Z), ECMR-L(X)1313(Y)(Z), ECMR-L(X)1830(Y)(Z), ECMR-L(X)1845(Y)(Z), ECMR-L(X)1855(Y)(Z), ECMR-L(X)1875(Y)(Z), ECMR-K(X)1305(Y)(Z), ECMR-K(X)1310(Y)(Z), ECMR-K(X)1315(Y)(Z), ECMR-K(X)1320(Y)(Z), ECMR-K(X)1820(Y)(Z), ECMR-K(X)1835(Y)(Z), ECMR-K(X)181B(Y)(Z), ECMR-K(X)221F(Y)(Z), ECMR-K(X)222A(Y)(Z), ECMR-M(X)1309(Y)(Z) series, where (X) included two digits, each may be A-Z, 0-9 or blank; (Y) may be A, B, C, D, E, F, G, H, J, K, M, N, P, Q, R, S, T, U, V, W or X; (Z) may be A-Z, 0-9 or blank.

Model No.	Output	Hz/DC	Volts	FL Amps	Service Factor	SF Amps	Poles	Number of Speeds	RPM	Capacitor Rating	Phases	Ins Class	Duty	Prot. Type	Rate Ambie (°C)
(click on a model number to see complete product details)															
ECM-(A)3H-C(X)0401(X)(X)(X) where (A) may be A or R, (X) may be A-Z or 0-9.															
	100 W / 0.32 Nm	-	110	0.9	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECM-(A)3H-C(X)040F(X)(X)(X) where (A) may be A or R, (X) may be A-Z or 0-9.															
	50 W / 0.159 Nm	-	110	0.55	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECM-(A)3H-C(X)0602(X)(X)(X) where (A) may be A or R, (X) may be A-Z or 0-9.															
	200 W / 0.64 Nm	-	110	1.45	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECM-(A)3H-C(X)0604(X)(X)(X) where (A) may be A or R, (X) may be A-Z or 0-9.															
	400 W / 1.27 Nm	-	110	2.65	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECM-(A)3H-C(X)0804(X)(X)(X) where (A) may be A or R, (X) may be A-Z or 0-9.															
	400 W / 1.27 Nm	-	110	2.6	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECM-(A)3H-C(X)0807(X)(X)(X) where (A) may be A or R, (X) may be A-Z or 0-9.															
	750 W / 2.39 Nm	-	110	4.5	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECM-(A)3H-Y(X)0605(X)(X)(X) where (A) may be A or R, (X) may be A-Z or 0-9.															
	500 W / 0.8 Nm	-	110	2.25	-	-	10	VAR	6000	-	3	A	Cont	-	40
ECM-(A)3H-Y(X)063F(X)(X)(X) where (A) may be A or R, (X) may be A-Z or 0-9.															
	350 W / 0.557 Nm	-	110	2.3	-	-	10	VAR	6000	-	3	A	Cont	-	40
ECM-(A)3L-C(X)0401(X)(X)(X) where (A) may be A or R, (X) may be A-Z or 0-9.															
	100 W / 0.32 Nm	-	110	0.85	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECM-(A)3L-C(X)040C(X)(X)(X) where (A) may be A or R, (X) may be A-Z or 0-9.															

	20 W / 0.0637 Nm	-	110	0.73	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECM-(A)3L-C(X)040F(X)(X)(X) where (A) may be A or R, (X) may be A-Z or 0-9.															
	50 W / 0.159 Nm	-	110	0.65	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECM-(A)3L-C(X)0602(X)(X)(X) where (A) may be A or R, (X) may be A-Z or 0-9.															
	200 W / 0.64 Nm	-	110	1.45	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECM-(A)3L-C(X)0604(X)(X)(X) where (A) may be A or R, (X) may be A-Z or 0-9.															
	400 W / 1.27 Nm	-	110	2.65	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECM-(A)3L-C(X)0804(X)(X)(X) where (A) may be A or R, (X) may be A-Z or 0-9.															
	400 W / 1.27 Nm	-	110	2.6	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECM-(A)3L-C(X)0807(X)(X)(X) where (A) may be A or R, (X) may be A-Z or 0-9.															
	750 W / 2.39 Nm	-	110	5.1	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECM-B3L-Cx0401yz@	100 W / 0.32 Nm	-	110	0.88	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECM-B3M-Cx0602yz@	200 W / 0.64 Nm	-	110	1.42	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECM-B3M-Cx0604yz@	400 W / 1.27 Nm	-	110	2.4	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECM-B3M-Cx0804yz@	400 W /1.27 Nm	-	110	2.528	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECM-B3M-Cx0807yz@	750 W / 2.4 Nm	-	110	4.27	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECM-B3M-Ex1310yz@	1 kW / 4.77 Nm	-	110	5.96	-	-	10	VAR	2000	-	3	A	Cont	-	40
ECM-B3M-Ex1315yz@	1.5 kW / 7.16 Nm	-	110	8.17	-	-	10	VAR	2000	-	3	A	Cont	-	40

ECM-B3M-Ex1320yz@	2 kW / 9.55 Nm	-	110	10.59	-	-	10	VAR	2000	-	3	A	Cont	-	40
ECM-B3M-Ex1820yz@	2 kW / 9.55Nm	-	110	10.83	-	-	10	VAR	2000	-	3	A	Cont	-	40
ECM-B3M-Ex1830yz@	3 kW / 14.32 Nm	-	110	14.66	-	-	10	VAR	2000	-	3	A	Cont	-	40
ECM-B3M-Fx1830yz@	3 kW / 19.1 Nm	-	110	18.21	-	-	10	VAR	1500	-	3	A	Cont	-	40
ECMA followed by C, E, F or G followed by two digits, each may be A-Z, 0-9 or blank, followed by 04, 06, 08, 09, 10, 13 or 18, followed by 0F, 01, 02, 03, 04, 05, 06, 07, 09, 10, 15, 20, 30, 35, 45, 55 or 75, followed by A-H, J, K, M, N or P-X, followed by S, 1, 7, 6, 9, 2, 4, 8, 5, 3, M, Y, P, D, H, L, K, X, F, A, B, E, G or C. (b)															
ECMA-C(X)0401(X)(X)HA where (X) may be A-Z or 0-9.															
	100 W / 0.32 Nm	-	110	0.9	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECMA-C(X)0401(X)(X)LA where (X) may be A-Z or 0-9.															
	100 W / 0.32 Nm	-	110	0.85	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECMA-C(X)040F(X)(X)HA where (X) may be A-Z or 0-9.															
	50 W / 0.159 Nm	-	110	0.55	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECMA-C(X)040F(X)(X)LA where (X) may be A-Z or 0-9.															
	50 W / 0.159 Nm	-	110	0.65	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECMA-C(X)0602(X)(X)HA where (X) may be A-Z or 0-9.															
	200 W / 0.64 Nm	-	110	1.45	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECMA-C(X)0602(X)(X)LA where (X) may be A-Z or 0-9.															
	200 W / 0.64 Nm	-	110	1.45	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECMA-C(X)0604(X)(X)HA where (X) may be A-Z or 0-9.															
	400 W / 1.27 Nm	-	110	2.65	-	-	10	VAR	3000	-	3	A	Cont	-	40

ECMA-C(X)0604(X)(X)LA where (X) may be A-Z or 0-9.															
	400 W / 1.27 Nm	-	110	2.65	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECMA-C(X)0804(X)(X)HA where (X) may be A-Z or 0-9.															
	400 W / 1.27 Nm	-	110	2.6	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECMA-C(X)0804(X)(X)LA where (X) may be A-Z or 0-9.															
	400 W / 1.27 Nm	-	110	2.6	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECMA-C(X)0807(X)(X)	750 W / 2.3 Nm	-	110	5.25	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECMA-C(X)0807(X)(X)HA where (X) may be A-Z or 0-9.															
	750 W / 2.39 Nm	-	110	4.5	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECMA-C(X)0807(X)(X)LA where (X) may be A-Z or 0-9.															
	750 W / 2.39 Nm	-	110	5.1	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECMA-F(X)221B(X)(X) (X) may be A-Z, 0-9															
	11 kW / 70 Nm	-	110	51.1	-	-	10	VAR	1500	-	3	F	Cont	-	40
ECMA-F(X)221F(X)(X) (X) may be A-Z, 0-9															
	15 kW / 95.4 Nm	-	110	67	-	-	10	VAR	1500	-	3	F	Cont	-	40
ECMA-J(X)1350(X)(X)LA	5 kW / 15.9 Nm	-	220	12.6	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECMA-K(X)1333(X)(X)	3.3 kW / 15.7 Nm	-	220	13.9	-	-	10	VAR	2000	-	3	A	Cont	-	40
ECMA-L(X)1318(X)(X)	1.8 kW / 11.48 Nm	-	220	11.6	-	-	10	VAR	1500	-	3	A	Cont	-	40
ECMA-L(X)221B(X)(X) (X) may be A-Z, 0-9															
	11 kW / 70 Nm	-	220	26.8	-	-	10	VAR	1500	-	3	F	Cont	-	40

ECMA-L(X)221F(X)(X) (X) may be A-Z, 0-9															
	15 kW / 95.4 Nm	-	220	37.5	-	-	10	VAR	1500	-	3	F	Cont	-	40
ECMA-V(X)1314(X)(X), ECMC-V(X)1314(X)(X)															
	1.4 kW / 8.34 Nm	-	220	9.2	-	-	10	VAR	1600	-	3	A	Cont	-	40
ECMC-C(X)0401(X)(X)HA where (X) may be A-Z or 0-9.															
	100 W / 0.32 Nm	-	110	0.9	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECMC-C(X)0401(X)(X)LA where (X) may be A-Z or 0-9.															
	100 W / 0.32 Nm	-	110	0.85	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECMC-C(X)040F(X)(X)HA where (X) may be A-Z or 0-9.															
	50 W / 0.159 Nm	-	110	0.55	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECMC-C(X)040F(X)(X)LA where (X) may be A-Z or 0-9.															
	50 W / 0.159 Nm	-	110	0.65	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECMC-C(X)0602(X)(X)HA where (X) may be A-Z or 0-9.															
	200 W / 0.64 Nm	-	110	1.45	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECMC-C(X)0602(X)(X)LA where (X) may be A-Z or 0-9.															
	200 W / 0.64 Nm	-	110	1.45	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECMC-C(X)0604(X)(X)HA where (X) may be A-Z or 0-9.															
	400 W / 1.27 Nm	-	110	2.65	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECMC-C(X)0604(X)(X)LA where (X) may be A-Z or 0-9.															
	400 W / 1.27 Nm	-	110	2.65	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECMC-C(X)0804(X)(X)HA where (X) may be A-Z or 0-9.															

	400 W / 1.27 Nm	-	110	2.6	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECMC-C(X)0804(X)(X)LA where (X) may be A-Z or 0-9.															
	400 W / 1.27 Nm	-	110	2.6	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECMC-C(X)0807(X)(X)HA where (X) may be A-Z or 0-9.															
	750 W / 2.39 Nm	-	110	4.5	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECMC-C(X)0807(X)(X)LA where (X) may be A-Z or 0-9.															
	750 W / 2.39 Nm	-	110	5.1	-	-	10	VAR	3000	-	3	A	Cont	-	40
ECMD-B81610M(X) (X) may be A-Z, 0-9.															
	100 W / 3.5 Nm	-	220	0.915	-	-	16	VAR	280	-	3	A	Int (S3 40% 6/9 sec.)	-	45
ECMD-B91207M(X) (X) may be A-Z, 0-9.															
	70 W / 2.0 Nm	-	220	0.69	-	-	10	VAR	350	-	3	A	Int (S3 40% 6/9 sec.)	-	45
ECMD-B91608M(X) (X) may be A-Z, 0-9.															
	80 W / 3.0 Nm	-	220	1.1	-	-	16	VAR	250	-	3	A	Int (S3 40% 6/9 sec.)	-	45
ECMV-A81303PS	0.27kW, 6.18Nm	-	39	10.1	-	-	10	Var	418	-	3	A	Cont	-	50
ECMV-AH0804PS	0.19kW, 70Nm	-	39	10.8	-	-	10	Var	26	-	3	A	Cont	-	50
TLP-A046-005-Dxyz@, PN-D177(1) , where x may be J or K. y may be A1, A3, MC, MD or ME. z may be 2 or 4. @ may be A or S. (1) may be 474-489.															
	0.05 kW / 0.159 Nm	-	220	0.59	-	-	10	VAR	3000	-	3	A	Cont	-	40

TLP-A046-010-Dxyz@, PN-D177(2) , where x may be J or K. y may be A1, A3, MC, MD or ME. z may be 2 or 4. @ may be A or S. (2) may be 490-505.															
	0.1 kW / 0.32 Nm	-	220	0.96	-	-	10	VAR	3000	-	3	A	Cont	-	40
TLP-A070-020-Dxyz@, PN-D177(3) , where x may be J or K. y may be A1, A3, MC, MD or ME. z may be 2 or 4. @ may be A or S. (3) may be 506-521.															
	0.2 kW / 0.64 Nm	-	220	1.47	-	-	10	VAR	3000	-	3	A	Cont	-	40
TLP-A070-040-Dxyz@, PN-D177(4) , where x may be J or K. y may be A1, A3, MC, MD or ME. z may be 2 or 4. @ may be A or S. (4) may be 522-537.															
	0.4 kW / 1.2 Nm	-	220	2.51	-	-	10	VAR	3000	-	3	A	Cont	-	40
TLP-A090-075-Dxyz@, PN-D177(5) , where x may be J or K. y may be A1, A3, MC, MD or ME. z may be 2 or 4. @ may be A or S. (5) may be 538-553.															
	0.75 kW / 2.39 Nm	-	220	4.31	-	-	10	VAR	3000	-	3	A	Cont	-	40
TLP-A100-100-Dxyz@, PN-D177(6) , where x may be J or K. y may be A1, A3, MC, MD or ME. z may be 2 or 4. @ may be A or S. (6) may be 554-569.															
	1 kW / 3.18 Nm	-	220	4.27	-	-	10	VAR	3000	-	3	A	Cont	-	40
TLP-A115-100-Dxyz@, PN-D177(7) , where x may be J or K. y may be A1, A3, MC, MD or ME. z may be 2 or 4. @ may be A or S. (7) may be 570-577.															
	1 kW / 3.18 Nm	-	220	7.25	-	-	10	VAR	3000	-	3	A	Cont	-	40
TLP-A115-200-Dxyz@, PN-D177(8) , where x may be J or K. y may be A1, A3, MC, MD or ME. z may be 2 or 4. @ may be A or S. (8) may be 578-585.															
	2 kW / 6.37 Nm	-	220	12.1	-	-	10	VAR	3000	-	3	A	Cont	-	40
TLP-A145-050-Dxyz@, PN-D177(9) , where x may be J or K. y may be A1, A3, MC, MD or ME. z may be 2 or 4. @ may be A or S. (9) may be 586-593.															
	0.5 kW / 2.39 Nm	-	220	2.95	-	-	10	VAR	2000	-	3	F	Cont	-	40
TLP-A145-090-Dxyz@, PN-D177(10) , where x may be J or K. y may be A1, A3, MC, MD or ME. z may be 2 or 4. @ may be A or S (10) may be 594-601.															

	0.9 kW / 8.59 Nm	-	220	7.59	-	-	10	VAR	1000	-	3	F	Cont	-	40
TLP-A145-100-Dxyz@, PN-D177(11) , where x may be J or K. y may be A1, A3, MC, MD or ME. z may be 2 or 4. @ may be A or S (11) may be 602-609.															
	1 kW / 4.77 Nm	-	220	5.66	-	-	10	VAR	2000	-	3	F	Cont	-	40
TLP-A145-150-Dxyz@, PN-D177(12) , where x may be J or K. y may be A1, A3, MC, MD or ME. z may be 2 or 4. @ may be A or S (12) may be 610-617.															
	1.5 kW / 7.16 Nm	-	220	8.33	-	-	10	VAR	2000	-	3	F	Cont	-	40
TLP-A145-250-Dxyz@ , where x may be J or K. y may be A1, A3, MC, MD or ME. z may be 2 or 4. @ may be A or S.															
	-	-	-	-	-	-	-	VAR	-	-	3	F	-	-	40
TLP-A145-300-Dxyz@, PN-D177(13) , where x may be J or K. y may be A1, A3, MC, MD or ME. z may be 2 or 4. @ may be A or S (13) may be 618-625.															
	3 kW / 9.55 Nm	-	220	17.26	-	-	10	VAR	3000	-	3	F	Cont	-	40
TLP-A200-200-Dxyz@, PN-D177(14) , where x may be J or K. y may be A1, A3, MC, MD or ME. z may be 2 or 4. @ may be A or S (14) may be 626-633.															
	2 kW / 9.55 Nm	-	220	11.2	-	-	10	VAR	2000	-	3	F	Cont	-	40
TLP-A200-300-Dxyz@, PN-D177(15) , where x may be J or K. y may be A1, A3, MC, MD or ME. z may be 2 or 4. @ may be A or S (15) may be 634-641.															
	3 kW / 19.1 Nm	-	220	19.4	-	-	10	VAR	1500	-	3	F	Cont	-	40
TLP-A200-350-Dxyz@, PN-D177(16) , where x may be J or K. y may be A1, A3, MC, MD or ME. z may be 2 or 4. @ may be A or S (16) may be 642-649.															
	3.5 kW / 16.71 Nm	-	220	19.2	-	-	10	VAR	2000	-	3	F	Cont	-	40
TLP-A200-450-Dxyz@, PN-D177(17) , where x may be J or K. y may be A1, A3, MC, MD or ME. z may be 2 or 4. @ may be A or S (17) may be 650-657.															
	4.5 kW / 28.65 Nm	-	220	32.5	-	-	10	VAR	1500	-	3	F	Cont	-	40
TLP-A200-550-Dxyz@, PN-D177(18) , where x may be J or K. y may be A1, A3, MC, MD or ME. z may be 2 or 4. @ may be A or S (18) may be 658-665.															

	5.5 kW / 35.01 Nm	-	220	40	-	-	10	VAR	1500	-	3	F	Cont	-	40
TLP-A200-750-Dxyz@, PN-D177(19) , where x may be J or K. y may be A1, A3, MC, MD or ME. z may be 2 or 4. @ may be A or S (19) may be 666-673.															
	7.5 kW / 47.74 Nm	-	220	47.5	-	-	10	VAR	1500	-	3	F	Cont	-	40
TLP-A235-11K-Dxyz@, PN-D177(20) , where x may be J or K. y may be A1, A3, MC, MD or ME. z may be 2 or 4. @ may be A or S (20) may be 674-681.															
	11 kW / 70 Nm	-	220	51.1	-	-	10	VAR	1500	-	3	F	Cont	-	40
TLP-A235-15K-Dxyz@, PN-D177(21) , where x may be J or K. y may be A1, A3, MC, MD or ME. z may be 2 or 4. @ may be A or S (21) may be 682-689.															
	15 kW / 95.4 Nm	-	220	67	-	-	10	VAR	1500	-	3	F	Cont	-	40

- Where (A) included two digits, each may be A-Z, 0-9 or blank; (B) may be M or B; (Z) may be xxx, each x may be A-Z, 0-9 or blank.

$ - where (X) included two digits, each may be A-Z, 0-9 or blank; (Y) may be A, B, C, D, E, F, G, H, J, K, M, N, P, Q, R, S, T, U, V, W or X; (Z) may be A-Z, 0-9 or blank; (W) may be G, H, L, M or W

(a) - Conditions of Acceptability:1. This Report covers only the general construction features on the motors and no evaluation of the performance characteristics has been made. Therefore, the acceptability of these motors when operated under normal or abnormal load conditions within an appliance or enclosure must be determined for each use. 2. The Recognition of the motors covered by this Report is based upon the assurance of the manufacturer that the specific motor model number will change if any significant construction variations are made. Because of this, it is necessary that the complete motor model (i.e., ASMT01L250AK) be included in the appliance Report, along with the complete nameplate electrical ratings and significant construction features that can be determined by inspection, without disassembly of the motor. 3. This Report does not cover the investigation of any motor-protector combination. 4. The motor mounting means, motor leads, strain relief, and lead terminations must be evaluated for each end-use. 5. Where motor leads are terminated in connectors the acceptability of the connectors must be determined in the end-use application. Where the connectors are mounted on the motor, the means of mounting must also be evaluated. The operating temperature of the connectors described in this report shall not exceed 120°C. 6. No evaluation of the encoder or its assembly has been made. The suitability should be determined in the end-use application. 7. No evaluation of any of the gaskets has been made. The suitability should be determined in the end-use application. 7. No evaluation of any of the gaskets has been made. The suitability should be determined in the end-use application. 7. No evaluation of any of the gaskets has been made. The suitability should be determined in the end-use application. 7. No evaluation of any of the gaskets has been made. The suitability should be determined in the end-use application.

(b) - Conditions of Acceptability:1. This Report covers only the general construction features on the motors and no evaluation of the performance characteristics has been made. Therefore, the acceptability of these motors when operated under normal or abnormal load conditions within an appliance or enclosure must be determined for each use. 2. The Recognition of the motors covered by this Report is based upon the assurance of the manufacturer that the specific motor model number will change if any significant construction variations are made. Because of this, it is necessary that the complete motor model (i.e., ECMA-C31020ES) be included in the appliance Report, along with the complete nameplate electrical ratings and significant construction features that can be determined by inspection, without disassembly of the motor. 3. This Report does not cover the investigation of any motor-protector combination. 4. The motor mounting means, motor leads, strain relief, and lead terminations must be evaluated for each end-use. 5. Where motor leads are terminated in connectors the acceptability of the connectors must be determined in the end-use application. Where the connectors are mounted on the motor, the means of mounting must also be evaluated. The operating temperature of the connectors described in this report shall not exceed 105°C. 6. No evaluation of the encoder or its assembly has been made. The suitability should be determined in the end-use application. 7. Samples of the ECMA motor series were subjected to a Rating test as required by CSA C22.2 No. 100, Motors and Generators. The measured currents were within 10 percent of the nameplate marking and were considered acceptable. 8. Representative samples of the above motors were subjected to benchtop temperature tests as required by CSA C22.2 No. 100. The maximum temperature measured on the windings was 102.7°C in a 25°C ambient. This was within the maximum 110°C temperature limit for Class A insulated totally enclosed

(X) - may be A-Z or 0-9

* - Where (X) included two digits, each may be A-Z, 0-9 or blank; (Y) may be A, B, C, D, E, F, G, H, J, K, M, N, P, Q, R, S, T, U, V, W, X; (Z) may be A-Z, 0-9 or blank.

@ - Where (Z) may be xxx, each x may be A-Z, 0-9 or blank.

Marking: Company name, motor type and model (or model designation) and the Recognized Component Mark for Canada,  .

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