



Corson Load Data R5

Nameplate	HP	FLA	Calc KVA	Load Factor	Adjusted KVA
EH101		325	1087	902.6448	0.7 631.8514
EH102 4160V	1000		272	1957.5296	0.7 1370.271
EH102 480V	746		1158	961.6032	0.7 673.1222
EH103	350		534	443.4336	0.7 310.4035
EH201	660		910	755.664	0.7 528.9648
EH202	1307		1807	1500.5328	0.7 1050.373
EH203 4160V	2010		272	1957.5296	0.7 1370.271
EH203 480V	899		1658	1376.8032	0.7 963.7622
EH204	2831		3682	2598.90288	0.7 1819.232
EH-Pond	400		600	498.24	0.7 348.768
Total Of All	10528		11980	12952.88368	9067.019
				TOTAL SITE, Amend	9067.019
				MVA	9.067019

Motors in Scope

EH101

Nameplate	HP	FLA	Type
JC101		50	65 3FVNR
JC102		50	65 3FVNR
JC103		50	65 3FVNR
JC104		50	65 3FVNR
MG101			26 FB35A
CP	125		156 225A/225A
Portable Crusher			225 SPACE ONLY
Pump			300 SPACE ONLY

EH102

Nameplate	HP	FLA	Type
C101		200	240 400A/400A
C102		150	180 300A/300A
VGF101		125	156 250A/250A
C106		200	240 SPACE ONLY
HST101		2	3.4 FB20A
TLY101		0.5	1.1 FB20A
CR101EC1 MAIN VOLT 7.5KW			15.6 FB20A
TLY102 M1		3	3.4 FB20A
TLY 102 M2		3	3.4 FB20A
AC1		10	14 FB20A
HST103		2	3.4 SPACE ONLY
TLY103		0.5	1.1 SPACE ONLY
CR101 EC2 MAIN VOL 43.5KW			90.6 FB125A
HST102		50	60 FB80A
MG106			26 SPACE ONLY

EH103

Nameplate	HP	FLA	Type
C103		350	414 SOFT START

EH201

Nameplate	HP	FLA	Type
C104		350	414 SOFT START
STK105 M1		200	240 SOFT START
STK105 M2		300	361 SPACE ONLY
STK105 TRAVEL M1		5	7.6 OFVR
STK105 TRAVEL M2		5	7.6 OFVR

EH202

Nameplate	HP	FLA	Type
C201 M1		250	302 400A/400A
C202		100	124 225A/225A
C203		100	124 225A/225A
C243		100	124 Space Only
C244		100	124 Space Only
F201		5	7.6 FB20A
F202		5	7.6 FB20A
F203		5	7.6 FB20A
F204		5	7.6 FB20A
F205		5	7.6 FB20A
F206		5	7.6 FB20A
F207		5	7.6 FB20A
F206		5	7.6 Space Only
MG201			13 FB20A
HST201		2	3.4 FB20A
TLY201		0.5	1.1 FB20A
HST204		2	3.4 FB20A
TLY204		0.5	1.1 FB20A
HST206		2	3.4 Space Only
TLY206		0.5	1.1 Space Only
SCR201 M1		40	52 3FVNR
SCR 201 M2		40	52 3FVNR
SCR202 M1		40	52 3FVNR
SCR202 M2		40	52 3FVNR
C204		20	27 2FVNR
C205		15	21 2FVNR
C213		40	52 3FVNR
C225		15	21 2FVNR
C226		20	27 2FVNR
C227		50	65 3FVNR
SCR206		30	40 3FVNR
C228		25	34 2FVNR
STK229		40	52 3FVNR
STK229 TRAVEL		2	3.4 OFVR
C230		30	40 3FVNR
SUP202		75	96 4FVNR
WP205		7.5	11 Space Only
SCR208 M1		40	52 Space Only

SCR208 M2		40	52 Space Only
EH203			
Nameplate	HP	FLA	Type
CR201 4160V		670	90.5 125A/125A
CR202 4160V		670	90.5 125A/125A
CR203 4160V		670	90.5 Space Only
C207		120	156 225A/225A
C206		75	96 225A/225A
CR201 EC2 MAIN VOL` 43.5KW			90.6 125A/125A
CR202 EC2 MAIN VOL` 43.5KW			90.6 125A/125A
CR203 EC2 MAIN VOL` 43.5KW			90.6 Space Only
F208		10	14 FB30A
F209		10	14 FB30A
F214		5	7.6 Space Only
MG207	XX		13 FB20A
CR201 EC1 MAIN VOL` 7.5KW			15.6 FB20A
CR202 EC1 MAIN VOL` 7.5KW			15.6 FB20A
TLY202		5	7.6 FB20A
HST205		2	3.4 FB20A
TLY204		0.5	1.1 FB20A
AC2		10	14 FB20A
MG214	XX		13 Space Only
CR203 EC1 MAIN VOL` 7.5KW			15.6 Space Only
HST207		2	3.4 Space Only
TLY207		0.5	1.1 Space Only
HST202		30	40 FB50A
FD201		7.5	11 2FVNR
C231		60	77 4FVNR
SCR207 M1		40	52 3FVNR
SCR207 M2		40	52 3FVNR
C232		15	21 2FVNR
C233		20	27 2FVNR
SP233		5	7.6 0FVNR
STK234		40	52 3FVNR
STK234 TRAVEL		2	3.4 0FVR
C235		20	27 2FVNR
SP235		5	7.6 0FVNR
STK236		40	52 3FVNR
STK236 TRAVEL		2	3.4 0FVR
C237		25	34 2FVNR
C238		20	27 2FVNR
C239		40	52 3FVNR
SP239		5	7.6 0FVNR
STK240		40	52 3FVNR
STK240 TRAVEL		2	3.4 0FVR
DS201 M1		15	21 2FVNR
DS201 M2		15	21 2FVNR

WP206	7.5	11 1FVNR
DS202	7.5	11 1FVNR
C245	60	77 Space Only
SCR209 M1	40	52 Space Only
SCR209 M2	40	52 Space Only
C246	15	21 Space Only

Nameplate	HP	FLA	Type
C208 M1	200	240	400A/400A
C217	75	96	225A/225A
STK218	100	124	225A/225A
SUP201	300	361	600A/600A
WP201	300	361	600A/600A
WP202	300	361	600A/600A
WP203	200	240	400A/400A
SUP204	300	391	600A/600A
F210	5	7.6	FB20A
F211	5	7.6	FB20A
F212	5	7.6	FB20A
HST203	2	3.4	FB20A
TLY203	0.5	1.1	FB20A
C209	75	96	4FVNR
C210	75	96	4FVNR
C211	75	96	4FVNR
SCR203 M1	50	65	4FVNR
SCR203 M2	50	65	4FVNR
SCR204 M1	50	65	4FVNR
SCR204 M2	50	65	4FRNR
SCR205 M1	50	65	4FVNR
SCR205 M2	50	65	4FVNR
C214	15	21	2FVNR
SP214	5	7.6	0FVNR
STK215	40	52	3FVNR
STK215 TRAVEL	2	3.4	00FVR
C216	20	27	2FVNR
SP217	10	14	1FVNR
STK218 TRAVEL	10	14	1FVR
C219	15	21	2FVNR
C220	30	40	3FVNR
STK221	40	52	3FVNR
STK221 TRAVEL	2	3.4	0FVR
C222	15	21	2FVNR
C223	25	34	2FVNR
SP223	5	7.6	0FVNR
STK224	40	52	3FVNR
STK224 TRAVEL	2	3.4	0FVR
C241	25	34	2FVNR

STK242		40	52 3FVNR
STK242 TRAVEL		2	3.4 0FVR
SUP203		75	96 4FVNR
SUP205		75	96 Space Only
DWS201 M1		10	14 Space Only
DWS201 M2		10	14 Space Only
EH-Pond			
Nameplate	HP	FLA	Type
WP301A		200	240 400A
WP301B		200	240 400A