

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 0FVR
STK105 TRAVEL M2		5	7.6 0FVR

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 0FVR
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
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
EH204		
Nameplate	HP	FLA
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