

MOTOR WIRING DATA

480 Volt Motor Wiring Data								
Motor HP	NEMA Amps	Starter Size	HMCP Size	Fuze Size	Over Load	Phase Wires	GND	Conduit Size
1/2	1.0	1	3		W30	12	12	3/4
3/4	1.4	1	3		W33	12	12	3/4
1	1.8	1	3		W36	12	12	3/4
1 1/2	2.6	1	7		W40	12	12	3/4
2	3.4	1	7		W42	12	12	3/4
3	4.8	1	7		W45	12	12	3/4
5	7.5	1	15		W50	12	12	3/4
7 1/2	11	1	15		W54	12	12	3/4
10	14	1	30		W56	10	10	3/4
15	21	2	50		W61	10	10	3/4
20	27	2	50		W64	8	8	1
25	34	2	70		W67	6	6	1 1/4
30	40	3	100		W67	6	6	1 1/4
40	52	3	100		W69	4	4	1 1/4
50	65	3	100		W72	4	4	1 1/4
60	77	4	150		W74	2	2	1 1/2
75	96	4	150		W77	2	2	1 1/2
100	125	4	200		W36	2/0	2	2
125	156	5	250		W38	4/0	1/0	2 1/2
150	180	5	400		W40	4/0	1/0	2 1/2
200	240	5	400		W43	350	2/0	3
250	300	6	400		W38	2 - 250	2/0	4
300	360	6	500		W40	2 - 250	2/0	4
350	420	6	600		W41	2 - 300	2/0	4
400	480	6	600		W43	2 - 350	2/0	4
500	600	7	750			3 - 350	2/0	5