



AC Motor Loads

HP	MOTOR FULL LOAD CURRENTS								MAXIMUM LOCKED ROTOR CURRENTS							
	SINGLE PHASE		3-PHASE A.C. INDUCTION						3-PHASE A.C. INDUCTION							
	115 V	230 V	115 V	200 V	230 V	460 V	575 V	2300 V	4160 V	200 V	220/230 V	440/460 V	550/575 V	2300 V	4160 V	
1/2	9.8	4.9	4	2.3	2	1	.8			23	20	10	8			
3/4	13.8	6.9	5.6	3.2	2.8	1.4	1.1			29	25	12.5	10			
1	16	8	7.2	4.15	3.6	1.8	1.4			34.5	30	15	12			
1 1/2	20	10	10.4	6	5.2	2.6	2.1			46	40	20	16			
2	24	12	13.6	7.8	6.8	3.4	2.7			57.5	50	25	20			
3	34	17		11	9.6	4.8	3.9			73.5	64	32	25			
5	56	28		17.5	15.2	7.6	6.1			106	92	46	37			
7 1/2	80	40		25	22	11	9			146	127	63	51			
10	100	50		32	28	14	11			186	162	81	65			
15				48	42	21	17			267	232	116	93			
20				62	54	27	22			334	290	145	116			
25				78	68	34	27			420	365	182	146	35	19	
30				92	80	40	32			500	435	217	174	41	23	
40				120	104	52	41			667	580	290	232	55	30	
50				150	130	65	52			834	725	362	290	69	38	
60				177	154	77	62	16	8.9	1000	870	435	348	83	46	
75				221	192	96	77	20	11	1250	1085	592	435	104	57	
100				285	248	124	99	26	14.4	1670	1450	725	580	139	76	
125				358	312	156	125	31	17	2085	1815	907	726	173	96	
150				415	360	180	144	37	20.5	2500	2170	1085	870	208	115	
200				550	480	240	192	49	27	3340	2900	1450	1160	278	153	
OVER 200HP APPROX. AMPS/HP			2.75	2.40	1.20	.96	.24	.133								

*This information provided as reference only. Consult motor manufacturer and related standards for additional information.