

Starting kVA Values

HP	Typical Running at 100% Load		Starting Power Factor		Locked Rotor (Starting) kVA - Single or Three Phase, 50 Hertz or 60 Hertz															Typical Running at 75% Load	
	kVA	kW	1 Phase	3 Phase	Code Letter															kVA	kW
					A	B	C	D	E	F	G	H	J	K	L	M	N	P	R		
.12	.40	.25	.80	.68	.38	.44	.49	.55	.62	.69	.77	.87	.98	1.1	1.23	1.38	1.54	1.72	1.95		
.25	.65	.40	.80	.68	.80	.91	1.02	1.15	1.3	1.43	1.61	1.82	2.05	2.3	2.57	2.87	3.2	3.53	4.06		
.33	.72	.45	.80	.68	1.05	1.20	1.35	1.52	1.7	2	2.13	2.4	2.7	3.04	3.4	3.78	4.23	4.73	5.36		
.50	.97	.60	.80	.68	1.60	1.81	2.04	2.3	2.6	2.87	3.22	3.63	4.08	4.6	5.14	5.73	6.41	7.17	8.11	0.797	0.46
.75	1.37	.85	.80	.68	2.39	2.72	3.06	3.45	3.85	4	4.83	5.44	6.12	6.9	7.7	8.6	9.62	10.74	12.17	0.95	0.55
1	1.6	.99	.80	.68	3.2	3.6	4.1	4.6	5.1	6	6.4	7.2	8.2	9.2	10.3	11.5	12.8	14.3	16.2	1.43	0.76
1.5	2.2	1.45	.80	.68	4.8	5.5	6	6.9	7.7	9	9.7	10.9	12	14	15	17.3	19	22	24	1.9	1.1
2	2.6	1.8	.90	.68	6.4	7.3	8.2	9.3	10.3	11.5	13	14.6	16.4	18.5	21	23	26	29	33	2.3	1.4
3	3.7	2.8	.90	.60	9.6	10.9	12	13.9	15.5	17	19.4	21.9	24.6	27.7	31	34.6	38	43	49	3.6	2.2
5	5.4	4.8	.90	.60	16	18	20.4	23	25.8	28.8	32.4	36.5	41	46	52	57.7	64	72	82	4.2	3.4
7.5	8.4	6.5	.90	.55	24	27.5	30.5	34.5	39	43.5	48.5	55	61.5	69.5	77	86	97	108	122	6.9	5
10	10.7	8.7		.48	32	36	41.0	46	52	58	65	73	82	92	103	116	129	144	164	8.5	6.3
15	15.5	12.2		.47	48	55	61.0	69	78	87	97	110	123	138	155	173	194	217	245	12.2	9
20	19.9	16.6		.47	64	73	82.0	93	104	116	130	146	163	184	206	229	256	287	325	15.9	13
25	24.5	21.0		.42	80	92	102	116	130	145	162	183	205	230	257	287	320	358	409	20.5	15.4
30	29.5	26		.42	96	110	123	139	155	173	194	219	245	276	308	344	385	430	491	25	30
40	39.8	33		.40	128	145	164	186	208	232	258	290	327	368	411	459	513	573	653	32	24.6
50	49.4	41		.36	160	181	204	230	257	287	322	362	408	460	514	574	641	717	817	39.4	30.9
60	59	48		.35	191	217	246	276	308	344	386	435	490	552	617	688	770	860	982	47.3	37.3
75	73	62		.33	240	272	305	345	385	430	483	544	612	690	770	860	962	1075	1225	58.7	46.3
100	96	81		.30	319	362	409	460	514	573	644	725	817	920	1028	1147	1281	1433	1635	74.4	61.3
125	120	105		.29	400	452	510	575	642	717	805	905	1021	1150	1285	1433	1602	1790	2045	90.8	78.7
150	140	123		.28	479	543	613	690	771	860	966	1087	1225	1380	1540	1720	1922	2150	2450	105	90.8
200	183	164		.25	638	725	817	920	1030	1145	1287	1450	1633	1840	2055	2293	2563	2865	3270	141	122.7
250	223	202		.23	798	906	1021	1150	1285	1435	1610	1810	2042	2300	2568	2866	3205	3585	4055	170	151
300	280	246		.22	957	1086	1225	1380	1540	1720	1930	2175	2450	2760	3085	3440	3845	4300	4870	210	182
350	323	287		.21	1116	1268	1430	1610	1800	2010	2255	2535	2860	3220	3600	4015	4485	5015	5680	246	214
400	366	328		.20	1276	1449	1633	1840	2055	2300	2575	2900	3265	3680	4110	4585	5130	5735	6490	282	245
450	406	366		.19	1436	1630	1837	2070	2310	2585	2900	3260	3675	4140	4625	5160	5770	6450	7300	312	274
500	446	404		.18	1595	1812	2042	2300	2570	2870	3220	3625	4085	4600	5140	5735	6410	7165	8115	341	302

	Typical single phase motor capacitor start.
	Typical 3 phase drip proof motor 1800 and 3600 RPM.
	Typical 3 phase totally enclosed fan cooled motor 1800 and 3600 RPM.
	Typical 3 phase drip proof or totally enclosed fan cooled motors 1800 or 3600 RPM.