

TYPICAL MOTOR FLC GUIDE

This chart shows typical FLC for standard surface motors and submersible pump motors running on 50Hz supplies. FLC ratings vary between frame sizes, manufactures etc, therefore this chart should be treated as a guide only. Always select your VSD or SS based on actual motor FLC data.

kW	Hp	STANDARD						SUBMERSIBLE		
		230V			400V			400V		
		2 Pole	4 Pole	6 Pole	2 Pole	4 Pole	6 Pole	2 Pole	4 Pole	6 Pole
0.37	0.5	1.6	1.8	2.1	0.9	1	1.2	1.2		
0.55	0.75	2.1	2.9	2.8	1.2	1.6	1.6	1.6		
0.75	1.0	3.2	3	3.4	1.8	1.7	1.9	2.1		
1.1	1.5	4	4.9	4.9	2.3	2.8	2.8	3.1		
1.5	2	5.8	5.6	6.6	3.3	3.2	3.8	3.9		
2.2	3	7.9	8	9.3	4.5	4.6	5.4	5.6		
3	4	10.1	10.3	11.9	5.8	5.9	6.8	7.4		
4	5.5	14.6	13.3	15.2	8.4	7.6	8.7	9.4	10.5	
5.5	7.5	17.3	21.7	21.2	10	12.5	12.2	13.1	14.3	
7.5	10	24.5	24.7	26.4	14.1	14.2	15.2	17.2	18.6	
9.2	12.5	29.7	31	32.5	19.1	17.8	18.7	20.5	22	
11	15	35.7	35.5	39.7	20.5	20.4	22.8	24	26	
15	20	46.8	49.4	47.1	26.9	28.4	27.1	32	35	
18.5	25	57.2	63.7	61.6	32.9	36.6	35.4	39	40.5	
22	30	70.1	73.7	74.6	40.3	42.4	42.9	46.5	48	51
30	40	92.3	95.3	93.2	53.1	54.8	53.6	62	66	69
37	50	111	117	115	63.8	67.3	66.4	76	82	85
45	60	131	137	145	75.4	78.9	83.5	90	100	101
55	75	158	164	172	90.8	94.4	98.7	105	120	122
75	100	221	231	237	130	133	136	143	155	166
90	125	268	270	283	154	155	163	172	189	192
110	150	323	344	348	186	198	200	220	230	235
132	185	383	403	438	220	232	252	260	275	280
150	200	438	459	487	252	264	280	300	315	
160	215	473	483	513	272	278	295	320	330	
185	250	597	565	623	343	325	358	365	370	
200	270	630	643	654	362	370	376	397	410	
220	295	654	710	725	376	408	417	440	450	
250	340	774	791	810	445	455	466	460	500	
260	350	821	767	856	472	441	492	475		
300	400	927	894	970	533	514	558	580		
315	420	951	923	1017	547	531	585	610		
330	440		957		536	550	540	630		
355	480				597	603	623	670		
400	540				673	679	701	750		
450	600				747	762	788			
500	670				830	845	866			
560	750				930	946	969			
630	800				1031	1062	1089			