

Part Number Selection Tables

Table 3-1: Modular Selection Table

380V Motor KW	460V Motor HP	Filter Amp Rating	Part Number	App. Wt. (lbs.)	Open Magnetics (in.) (H x W x D)	Ref. Fig.	Watts* Loss	3-Phase Capacitor (in.) (H x D) Capacitor Panel (in.) (H x W x D)	Capacitor Ref. Fig.
9.5	0.75	2	SWGM0002D	6	4.5 x 4.4 x 2.6	A-1 (p29)	25	7.5 x 2.9	A-101 (p129)
0.75	1.5	3	SWGM0003D	8	4.5 x 4.4 x 3.3	A-2 (p30)	45	7.5 x 2.9	A-101 (p129)
2.2	3	5	SWGM0005D	12	6.7 x 8.0 x 4.8	A-3 (p31)	75	7.5 x 2.9	A-101 (p129)
3	4	7	SWGM0007D	13	6.7 x 8.0 x 5.1	A-4 (p32)	91	7.5 x 2.9	A-101 (p129)
4	5.5	9	SWGM0009D	15	6.7 x 8.0 x 5.1	A-5 (p33)	97	7.5 x 2.9	A-101 (p129)
5.5	7.5	12	SWGM0012D	13	6.7 x 8.0 x 5.4	A-6 (p34)	127	7.5 x 2.9	A-101 (p129)
7.5	10	17	SWGM0017D	20	7.5 x 9.0 x 4.8	A-7 (p35)	130	7.5 x 2.9	A-101 (p129)
11	15	22	SWGM0022D	31	8.7 x 10.5 x 6.7	A-8 (p36)	135	7.5 x 2.9	A-101 (p129)
-	20	27	SWGM0027D	34	8.7 x 10.5 x 6.7	A-9 (p37)	140	7.5 x 2.9	A-101 (p129)
18.5	25	35	SWGM0035D	38	8.9 x 10.5 x 6.7	A-10 (p38)	210	7.5 x 3.9	A-101 (p129)
22	30	45	SWGM0045D	43	8.8 x 10.5 x 7.2	A-11 (p39)	225	7.5 x 3.9	A-101 (p129)
-	40	55	SWGM0055D	53	8.8 x 10.5 x 8.2	A-12 (p40)	301	8.3 x 3.9	A-101 (p129)
30	50	65	SWGM0065D	62	10.8 x 12.0 x 8.6	A-13 (p41)	310	8.3 x 4.9	A-101 (p129)
37	60	80	SWGM0080D	73	10.8 x 12.0 x 9.0	A-14 (p42)	387	8.3 x 4.9	A-101 (p129)
55	75	110	SWGM0110D	105	10.7 x 12.0 x 10.5	A-15 (p43)	395	8.3 x 4.9	A-101 (p129)
-	100	130	SWGM0130D	108	10.7 x 12.0 x 11.5	A-16 (p44)	420	8.3 x 4.9	A-101 (p129)
75	125	160	SWGM0160D	151	14.5 x 15.3 x 11.3	A-17 (p45)	595	6.9 x 16.3 x 7.6	A-91 (p119)
110	150	200	SWGM0200D	158	14.5 x 15.3 x 11.8	A-18 (p46)	650	6.9 x 16.3 x 7.6	A-93 (p121)
132	200	250	SWGM0250D	215	14.5 x 15.3 x 13.8	A-19 (p47)	775	6.9 x 16.3 x 7.6	A-94 (p122)
160	250	305	SWGM0305D	249	14.6 x 15.3 x 14.9	A-20 (p48)	945	6.9 x 16.3 x 7.6	A-95 (p123)
200	300	365	SWGM0365D	299	14.6 x 15.3 x 15.3	A-21 (p49)	1,050	6.9 x 16.3 x 7.6	A-96 (p124)
220	350	415	SWGM0415D	313	14.6 x 15.3 x 15.0	A-22 (p50)	1,137	6.9 x 16.3 x 7.6	A-97 (p125)
280	450	515	SWGM0515D	348	15.0 x 15.3 x 16.3	A-23 (p51)	1,235	10.7 x 16.3 x 7.6	A-98 (p126)
335	500	600	SWGM0600D	471	18.3 x 24.0 x 14.6	A-24 (p52)	2,225	7.9 x 16.3 x 7.6	A-99 (p127)
375	600	720	SWGM0720D	664	18.2 x 24.0 x 14.6	A-25 (p53)	2,300	6.9 x 16.3 x 7.6 7.9 x 16.3 x 7.6	A-95 (p123) A-98 (p126)
450	700	850	SWGM0850D	828	18.2 x 24.0 x 19	A-26 (p54)	2,556	(1) 6.9 x 16.3 x 7.6 (2) 8.9 x 16.3 x 7.6	A-88 (p117) A-89 (p118)
560	850	1,000	SWGM1000D	936	18.1 x 24.0 x 20.6	A-27 (p55)	2,850	(1) 6.9 x 16.3 x 7.6 (2) 10.7 x 16.35 x 7.6	A-99 (p127) A-100 (p128)
675	1000	1,200	SWGM1200D	1231	25.7 x 24.0 x 20.3	A-28 (p56)	3,000	(3) 7.9 x 16.3 x 7.6	A-98 (p127)
800	1200	1,500	SWGM1500D	1272	25.9 x 24.0 x 20	A-29 (p57)	3,210	(3) 10.7 x 16.3 x 7.6	A-90 (p118)

*Based on 60Hz output frequency, 2kHz carrier frequency at full load.

Part Number Selection Tables

Table 3-2: Enclosed NEMA 1/2 Selection Table

380V Motor KW	460V Motor HP	Filter Amp Rating	Part Number	App. Wt. (lbs.)	Enclosure	Size (In.) (HXWXD)	Ref. Fig.
0.55	0.75	2	SWGG0002D	20	CAB-13V	13.8 x 13 x 13	A-30 (p58)
0.75	1.5	3	SWGG0003D	21	CAB-13V	13.8 x 13 x 13	A-31 (p59)
2.2	3	5	SWGG0005D	25	CAB-13V	13.8 x 13 x 13	A-32 (p60)
3	4	7	SWGG0007D	27	CAB-13V	13.8 x 13 x 13	A-33 (p61)
4	5.5	9	SWGG0009D	27	CAB-13V	13.8 x 13 x 13	A-34 (p62)
5.5	7.5	12	SWGG0012D	27	CAB-13V	13.8 x 13 x 13	A-35 (p63)
7.5	10	17	SWGG0017D	34	CAB-13V	13.8 x 13 x 13	A-36 (p64)
11	15	22	SWGG0022D	79	CAB-17V	24 x 17 x 17	A-37 (p65)
-	20	27	SWGG0027D	82	CAB-17V	24 x 17 x 17	A-38 (p66)
18.5	25	35	SWGG0035D	86	CAB-17V	24 x 17 x 17	A-39 (p67)
22	30	45	SWGG0045D	145	CAB-17V	24 x 17 x 17	A-40 (p68)
-	40	55	SWGG0055D	101	CAB-17V	24 x 17 x 17	A-41 (p69)
30	50	65	SWGG0065D	136	CAB-17AP2	34 x 17.8 x 21	A-42 (p70)
37	60	80	SWGG0080D	147	CAB-17AP2	34 x 17.8 x 21	A-43 (p71)
55	75	110	SWGG0110D	179	CAB-17AP2	34 x 17.8 x 21	A-44 (p72)
-	100	130	SWGG0130D	182	CAB-17AP2	34 x 17.8 x 21	A-45 (p73)
75	125	160	SWGG0160D	317	CAB-26AP2	51.3 x 27.7 x 25	A-46 (p74)
110	150	200	SWGG0200D	324	CAB-26AP2	51.5 x 27.7 x 25	A-47 (p75)
132	200	250	SWGG0250D	381	CAB-26AP2	51.5 x 27.7 x 25	A-48 (p76)
160	250	305	SWGG0305D	415	CAB-26AP2	51.5 x 27.7 x 25	A-49 (p77)
200	300	365	SWGG0365D	465	CAB-26AP2	51.5 x 27.7 x 25	A-50 (p78)
220	350	415	SWGG0415D	479	CAB-26AP2	51.5 x 27.7 x 25	A-51 (p79)
280	450	515	SWGG0515D	619	CAB-42AP2	87.6 x 44 x 31	A-52 (p80)
335	500	600	SWGG0600D	744	CAB-42AP2	87.6 x 44 x 31	A-53 (p81)
375	600	720	SWGG0720D	937	CAB-42AP2	87.6 x 44 x 31	A-54 (p82)
450	700	850	SWGG0850D	1,454	CAB-42AP2	87.5 x 30 x 42	A-55 (p83)
560	850	1000	SWGG1000D	1,560	CAB-42AP2	87.5 x 30 x 42	A-56 (p84)
675	1000	1200	SWGG1200D	1,787	CAB-42AP2	87.5 x 30 x 42	A-57 (p85)
800	1200	1500	SWGG1500D	1,881	CAB-42AP2	87.5 x 30 x 42	A-58 (p86)

Part Number Selection Tables

Table 3-3: Enclosed NEMA 3R Selection Table

380V Motor KW	460V Motor HP	Filter Amp Rating	Part Number	App. Wt. (lbs.)	Enclosure	Size (In.) (HXWxD)	Ref. Fig.
0.55	0.75	2	SWG0002D	62	CAB-12AP3	24 x 12.5 x 22.9	A-59 (p87)
0.75	1.5	3	SWG0003D	64	CAB-12AP3	24 x 12.5 x 22.9	A-60 (p88)
2.2	3	5	SWG0005D	68	CAB-12AP3	24 x 12.5 x 22.9	A-61 (p89)
3	4	7	SWG0007D	68	CAB-12AP3	24 x 12.5 x 22.9	A-62 (p90)
4	5.5	9	SWG0009D	70	CAB-12AP3	24 x 12.5 x 22.9	A-63 (p91)
5.5	7.5	12	SWG0012D	68	CAB-12AP3	24 x 12.5 x 22.9	A-64 (p92)
7.5	10	17	SWG0017D	75	CAB-12AP3	24 x 12.5 x 22.9	A-65 (p93)
11	15	22	SWG0022D	87	CAB-12AP3	24 x 12.5 x 22.9	A-66 (p94)
-	20	27	SWG0027D	90	CAB-12AP3	24 x 12.5 x 22.9	A-67 (p95)
18.5	25	35	SWG0035D	94	CAB-12AP3	24 x 12.5 x 22.9	A-68 (p96)
22	30	45	SWG0045D	145	CAB-12AP3	24 x 12.5 x 22.9	A-69 (p97)
-	40	55	SWG0055D	108	CAB-12AP3	24 x 12.5 x 22.9	A-70 (p98)
30	50	65	SWG0065D	143	CAB-17AP3	34 x 17.8 x 26	A-71 (p99)
37	60	80	SWG0080D	154	CAB-17AP3	34 x 17.8 x 26	A-72 (p100)
55	75	110	SWG0110D	187	CAB-17AP3	34 x 17.8 x 26	A-73 (p101)
-	100	130	SWG0130D	189	CAB-17AP3	34 x 17.8 x 26	A-74 (p102)
75	125	160	SWG0160D	330	CAB-26AP3	51.3 x 27.7 x 30	A-75 (p103)
110	150	200	SWG0200D	337	CAB-26AP3	51.3 x 27.7 x 30	A-76 (p104)
132	200	250	SWG0250D	394	CAB-26AP3	51.3 x 27.7 x 30	A-77 (p105)
160	250	305	SWG0305D	428	CAB-26AP3	51.3 x 27.7 x 30	A-78 (p106)
200	300	365	SWG0365D	478	CAB-26AP3	51.3 x 27.7 x 30	A-79 (p107)
220	350	415	SWG0415D	492	CAB-26AP3	51.3 x 27.7 x 30	A-80 (p108)
280	450	515	SWG0515D	624	CAB-42AP3	87.6 x 44 x 40	A-81 (p109)
335	500	600	SWG0600D	748	CAB-42AP3	87.6 x 44 x 40	A-82 (p110)
375	600	720	SWG0720D	941	CAB-42AP3	87.6 x 44 x 40	A-83 (p111)
450	700	850	SWG0850D	1,489	CAB-42AP3	87.5 x 30 x 42	A-84 (p112)
560	850	1000	SWG1000D	1,601	CAB-42AP3	87.5 x 30 x 42	A-85 (p113)
675	1000	1200	SWG1200D	1,828	CAB-42AP3	87.5 x 30 x 42	A-86 (p114)
800	1200	1500	SWG1500D	1,922	CAB-42AP3	87.5 x 30 x 42	A-87 (p115)