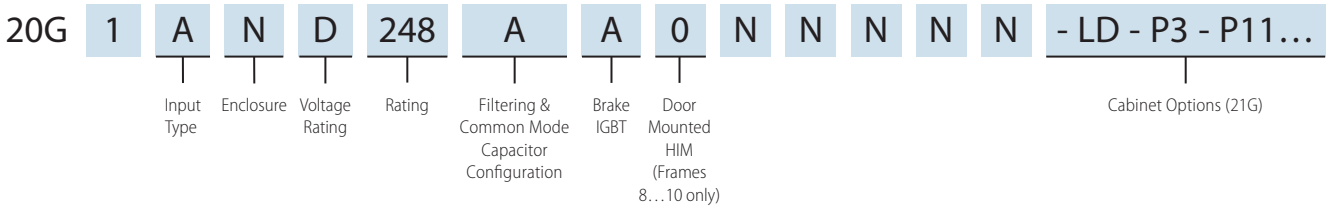
Additional Information

PowerFlex 750-Series Brochure, publication 750-BR001
PowerFlex 750-Series Technical Data, publication 750-TD001
PowerFlex 750-Series Quick Start Guide, publication 750-QS001

Catalog Number Explanation



Product Selection

200…240V AC, Three-phase Drives

IP00/IP20, NEMA/UL Type Open[1]

Normal Duty					Heavy Duty						
Output Amps: 240V (208V)[2]			HP	kW	Output Amps: 240V (208V)[2]			HP	kW	Cat. No.[3][4]	Frame Size
Cont.	1 min	3 s			Cont.	1 min	3 s				
2.2 (2.5)	2.4 (2.7)	3.3 (3.7)	0.5	0.37	2.2 (2.5)	3.3 (3.7)	3.9 (4.5)	0.5	0.37	20G11RB2P2JA0NNNNN	1
4.2 (4.8)	4.6 (5.2)	6.3 (7.2)	1	0.75	2.2 (2.5)	4.6 (5.2)	6.3 (7.2)	0.5	0.37	20G11RB4P2JA0NNNNN	
6.8 (7.8)	7.4 (8.5)	10.2 (11.7)	2	1.5	4.2 (4.8)	7.4 (8.5)	10.2 (11.7)	1	0.75	20G11RB6P8JA0NNNNN	
9.6 (11)	10.5 (12.1)	14.4 (16.5)	3	2.2	6.8 (7.8)	10.5 (12.1)	14.4 (16.5)	2	1.5	20G11RB9P6JA0NNNNN	
15.3 (15.3)	16.8 (16.8)	22.9 (22.9)	5	4	9.6 (11)	16.8 (16.8)	22.9 (22.9)	3	2.2	20G11RB015JA0NNNNN	
2.2 (2.5)	3.3 (3.7)	3.9 (4.5)	0.5	0.37	2.2 (2.5)	3.3 (3.7)	3.9 (4.5)	0.5	0.37	20G11NB2P2JA0NNNNN	2
4.2 (4.8)	6.3 (7.2)	7.5 (8.6)	1	0.75	4.2 (4.8)	6.3 (7.2)	7.5 (8.6)	1	0.75	20G11NB4P2JA0NNNNN	
6.8 (7.8)	10.2 (11.7)	12.2 (14)	2	1.5	6.8 (7.8)	10.2 (11.7)	12.2 (14)	2	1.5	20G11NB6P8JA0NNNNN	
9.6 (11)	14.4 (16.5)	17.2 (19.8)	3	2.2	9.6 (11)	14.4 (16.5)	17.2 (19.8)	3	2.2	20G11NB9P6JA0NNNNN	
15.3 (17.5)	16.8 (19.2)	22.9 (26.2)	5	4	9.6 (11)	16.8 (19.2)	22.9 (26.2)	3	2.2	20G11NB015JA0NNNNN	
22 (22)	24.2 (24.2)	33 (33)	7.5	5.5	15.3 (17.5)	24.2 (24.2)	33 (33)	5	4	20G11NB022JA0NNNNN	
28 (32.2)	30.8 (35.4)	42 (48.3)	10	7.5	22 (22)	33 (35.4)	42 (48.3)	7.5	5.5	20G11NB028JA0NNNNN	3
42 (43)	46.2 (47.3)	63 (64.5)	15	11	28 (32.2)	46.2 (48.3)	63 (64.5)	10	7.5	20G11NB042JA0NNNNN	
54 (60)	59.4 (66)	81 (90)	20	15	42 (43)	63 (64.5)	81 (90)	15	11	20G11NB054JA0NNNNN	4
70 (78.2)	77 (86)	105 (117)	25	18.5	54 (60)	81 (90)	105 (117)	20	15	20G11NB070JA0NNNNN	5
80 (92)	88 (101)	120 (138)	30	22	70 (78.2)	105 (117)	126 (140)	25	18.5	20G11NB080JA0NNNNN	

(1) Frames 1…5 are IP20, NEMA/UL Type Open. Frames 6…7 are IP00, NEMA/UL Type Open. Frames 1…7 can be converted to IP20, NEMA/UL Type 1 with optional kit (20-750-NEMA1-Fx), where x is the frame size of the drive.
(2) Drives must be programmed to lower voltage to obtain the currents shown in parentheses.
(3) The 5th character determines Input Type; "1" = AC input with precharge and DC terminals, and "A" = AC input with precharge and no DC terminals. For DC input drives, see DRIVES-SG001, the PowerFlex Common Bus Configuration Selection Guide.
(4) The 11th character determines default Filtering and Common Mode Cap jumper configuration; "J" = Installed, and "A" = Removed.

(table continues on next page)

200…240V AC, Three-phase Drives, (continued)

IP00/IP20, NEMA/UL Type Open (continued)[1]

Normal Duty					Heavy Duty						
Output Amps: 240V (208V)[2]					Output Amps: 240V (208V)[2]						
Cont.	1 min	3 s	Hp	kW	Cont.	1 min	3 s	Hp	kW	Cat. No.[3][4]	Frame Size
104 (120)	114 (132)	156 (180)	40	30	80 (92)	120 (138)	156 (180)	30	22	20G1ANB104JN0NNNNN[5]	6
130 (150)	143 (165)	195 (225)	50	37	104 (120)	156 (180)	195 (225)	40	30	20G1ANB130JN0NNNNN[5]	
154 (177)	169 (194)	231 (265)	60	45	130 (150)	195 (225)	234 (270)	50	37	20G1ANB154JN0NNNNN[5]	
192 (221)	211 (243)	288 (331)	75	55	154 (177)	231 (265)	288 (331)	60	45	20G1ANB192JN0NNNNN[5]	
260 (260)	286 (286)	390 (390)	100	66	192 (221)	288 (331)	390 (390)	75	55	20G1ANB260JN0NNNNN[5]	
312 (359)	343 (394)	468 (538)	125	90	260 (260)	390 (394)	468 (538)	100	66	20G1ANB312JN0NNNNN[5]	7
360 (414)	396 (455)	540 (621)	150	110	312 (359)	468 (538)	561 (646)	125	90	20G1ANB360JN0NNNNN[5]	
477 (477)	524 (524)	715 (715)	200	132	312 (359)	468 (538)	561 (646)	125	90	20G1ANB477JN0NNNNN[5]	

(1) Frames 1…5 are IP20, NEMA/UL Type Open. Frames 6…7 are IP00, NEMA/UL Type Open. Frames 1…7 can be converted to IP20, NEMA/UL Type 1 with optional kit (20-750-NEMA1-Fx), where x is the frame size of the drive.
(2) Drives must be programmed to lower voltage to obtain the currents shown in parentheses.
(3) The 5th character determines Input Type; "1" = AC input with precharge and DC terminals, and "A" = AC input with precharge and no DC terminals. For DC input drives, see DRIVES-SG001, the PowerFlex Common Bus Configuration Selection Guide.
(4) The 11th character determines default Filtering and Common Mode Cap jumper configuration; "J" = Installed, and "A" = Removed.
(5) The 12th character determines whether an internal dynamic braking IGBT is included; "A" = Internal dynamic braking transistor installed, and "N" = No internal dynamic braking transistor.

IP54, NEMA/UL Type 12

Normal Duty					Heavy Duty						
Output Amps: 240V (208V)[1]					Output Amps: 240V (208V)[1]						
Cont.	1 min	3 s	HP	kW	Cont.	1 min	3 s	HP	kW	Cat. No.[2][3]	Frame Size
2.2 (2.5)	3.3 (3.8)	4 (4.5)	0.5	0.37	2.2 (2.5)	3.3 (3.7)	3.9 (4.5)	0.5	0.37	20G11GB2P2JA0NNNNN	2
4.2 (4.8)	6.3 (7.2)	7.5 (8.6)	1	0.75	4.2 (4.8)	6.3 (7.2)	7.5 (8.6)	1	0.75	20G11GB4P2JA0NNNNN	
6.8 (7.8)	10.2 (11.7)	12.2 (14)	2	1.5	6.8 (7.8)	10.2 (11.7)	12.2 (14)	2	1.5	20G11GB6P8JA0NNNNN	
9.6 (11)	14.4 (16.5)	17.2 (19.8)	3	2.2	9.6 (11)	14.4 (16.5)	17.2 (19.8)	3	2.2	20G11GB9P6JA0NNNNN	
15.3 (17.5)	16.8 (19.2)	22.9 (26.2)	5	4	9.6 (11)	16.8 (19.2)	22.9 (26.2)	3	2.2	20G11GB015JA0NNNNN	
22 (22)	24.2 (24.2)	33 (33)	7.5	5.5	15.3 (17.5)	24.2 (24.2)	33 (33)	5	4	20G11GB022JA0NNNNN	
28 (32.2)	30.8 (35.4)	42 (48.3)	10	7.5	22 (22)	33 (35.4)	42 (48.3)	7.5	5.5	20G11GB028JA0NNNNN	3
42 (43)	46.2 (47.3)	63 (64.5)	15	11	28 (32.2)	46.2 (48.3)	63 (64.5)	10	7.5	20G11GB042JA0NNNNN	
54 (60)	59.4 (66)	81 (90)	20	15	42 (43)	63 (64.5)	81 (90)	15	11	20G11GB054JA0NNNNN	4
70 (78.2)	77 (86)	105 (117)	25	18.5	54 (60)	81 (90)	105 (117)	20	15	20G11GB070JA0NNNNN	5
80 (92)	88 (101)	120 (138)	30	22	70 (78.2)	105 (117)	126 (140)	25	18.5	20G1AGB080JN0NNNNN[4]	6
104 (120)	114 (132)	156 (180)	40	30	80 (92)	120 (138)	156 (180)	30	22	20G1AGB104JN0NNNNN[4]	
130 (150)	143 (165)	195 (225)	50	37	104 (120)	156 (180)	195 (225)	40	30	20G1AGB130JN0NNNNN[4]	
154 (177)	169 (194)	231 (265)	60	45	130 (150)	195 (225)	234 (270)	50	37	20G1AGB154JN0NNNNN[4]	
192 (221)	211 (243)	288 (331)	75	55	154 (177)	231 (265)	288 (331)	60	45	20G1AGB192JN0NNNNN[4]	
260 (260)	286 (286)	390 (390)	100	66	192 (221)	288 (331)	390 (390)	75	55	20G1AGB260JN0NNNNN[4]	7
312 (359)	343 (394)	468 (538)	125	90	260 (260)	390 (394)	468 (538)	100	66	20G1AGB312JN0NNNNN[4]	
360 (414)	396 (455)	540 (621)	150	110	312 (359)	468 (538)	561 (646)	125	90	20G1AGB360JN0NNNNN[4]	

(1) Drive must be programmed to lower voltage to obtain the currents shown in parentheses.
(2) The 5th character determines Input Type; "1" = AC input with precharge and DC terminals, and "A" = AC input with precharge and no DC terminals. For DC input drives, see DRIVES-SG001, the PowerFlex Common Bus Configuration Selection Guide.
(3) The 11th character determines default Filtering and Common Mode Cap jumper configuration; "J" = Installed, and "A" = Removed.
(4) The 12th character determines whether an internal dynamic braking IGBT is included; "A" = Internal dynamic braking transistor installed, and "N" = No internal dynamic braking transistor.

380…400V AC, Three-phase Drives (continued)

IP54, NEMA/UL Type 12

Light Duty[1]			Normal Duty				Heavy Duty					
Output Amps			Output Amps				Output Amps					
Cont.	1 min	kW	Cont.	1 min	3 s	kW	Cont.	1 min	3 s	kW	Cat. No.[2][3]	Frame Size
—	—	—	2.1	3.1	3.7	0.75	2.1	3.1	3.7	0.75	20G11GC2P1JA0NNNNN	2
			3.5	5.2	6.3	1.5	3.5	5.2	6.3	1.5	20G11GC3P5JA0NNNNN	
			5	7.5	9	2.2	5	7.5	9.0	2.2	20G11GC5P0JA0NNNNN	
			8.7	13	15.6	4	8.7	13	15.6	4	20G11GC8P7JA0NNNNN	
			11.5	17.2	20.7	5.5	11.5	17.2	20.7	5.5	20G11GC011JA0NNNNN	
			15.4	16.9	23.1	7.5	11.5	17.2	23.1	5.5	20G11GC015JA0NNNNN	
			22	24.2	33	11	15.4	24.2	33	7.5	20G11GC022JA0NNNNN	
			30	33	45	15	22	33	45	11	20G11GC030JA0NNNNN	3
			37	40.7	55.5	18.5	30	45	55.5	15	20G11GC037JA0NNNNN	
			43	47.3	64.5	22	37	55.5	66.6	18.5	20G11GC043JA0NNNNN	
			60	66	90	30	43	66	90	22	20G11GC060JA0NNNNN	4
			72	79.2	108	37	60	90	108	30	20G11GC072JA0NNNNN	5
			85	93.5	128	45	72	108	130	37	20G11GC085JA0NNNNN	
			104	114	156	55	85	128	156	45	20G1AGC104JN0NNNNN[4]	6
			140	154	210	75	104	156	210	55	20G1AGC140JN0NNNNN[4]	
			170	187	255	90	140	210	255	75	20G1AGC170JN0NNNNN[4]	
			205	226	308	110	170	255	308	90	20G1AGC205JN0NNNNN[4]	
			260	286	390	132	205	308	390	110	20G1AGC260JN0NNNNN[4]	7
			302	332	453	160	260	390	468	132	20G1AGC302JN0NNNNN[4]	
			367	404	551	200	302	453	551	160	20G1AGC367JN0NNNNN[4]	
			456	502	684	250	367	551	684	200	20G1AGC456JN0NNNNN[4]	
540	594	315	460	506	690	250	385	578	693	200	20G1AJC460JN0NNNNN	8[5]
585	644	315	540	594	810	315	456	684	821	250	20G1AJC540JN0NNNNN	
612	673	355	567	624	851	315	472	708	850	250	20G1AJC567JN0NNNNN	
750	825	400	650	715	975	355	540	810	972	315	20G1AJC650JN0NNNNN	
796	876	450	750	825	1125	400	585	878	1053	315	20G1AJC750JN0NNNNN	
832	915	450	770	847	1155	400	642	963	1156	355	20G1AJC770JN0NNNNN	
1040	1144	560	910	1001	1365	500	750	1125	1350	400	20G11JC910JN0NNNNN	9[5]
1090	1199	630	1040	1144	1560	560	880	1320	1584	500	20G11JC1K0JN0NNNNN	
1175	1293	710	1090	1199	1635	630	910	1365	1638	500	20G11JC1K1JN0NNNNN	
1465	1612	800	1175	1293	1763	710	1040	1560	1872	560	20G11JC1K2JN0NNNNN	
1480	1628	850	1465	1612	2198	800	1090	1635	1962	630	20G11JC1K4JN0NNNNN	
1600	1760	900	1480	1628	2220	850	1175	1763	2115	710	20G11JC1K5JN0NNNNN	
1715	1887	1000	1590	1749	2385	900	1325	1988	2385	710	20G11JC1K6JN0NNNNN	10[5]
2330	2563	1400	2150	2365	3225	1250	1800	2700	3240	1000	20G11JC2K1JN0NNNNN	

(1) These drives have dual current ratings; one for normal duty applications, and one for heavy duty applications (in parenthesis). The drive can be operated at either rating.

(2) The 11th character determines default Filtering and Common Mode Cap jumper configuration. "J" = Installed, "A" = Removed.

(3) Alternate 600V ratings when connected to drives 60 Hp and greater in common DC input applications with uncontrolled front ends.

(4) Also available with internal Brake IGBT (20G1xxxxxxxAN0NNNNN).

(5) A roll-out cart is required with Frame 8…10 drives to assist with power wiring and cabinet mounting. Refer to page 131.

380…400V AC, Three-phase Drives (continued)

Flange Mount (Front: IP20, NEMA/UL Type Open; Back/Heatsink: IP66, NEMA/UL Type 4X)

Note: Frame 6…7 IP00, NEMA Type Open drives can be converted to a flange mount drive (Back/Heatsink: IP66, NEMA/UL Type 4X) with an optional user installed flange kit (20-750-FLNG4-F6 for Frame 6, and 20-750-FLNG4-F7 for Frame 7). See page 88 for 380...400V, Frame 6…7 IP00, NEMA Type Open drives.

Normal Duty				Heavy Duty					
Outputs Amp				Output Amps					
Cont.	1 min	3 s	kW	Cont.	1 min	3 s	kW	Cat. No.[1][2]	Frame Size
2.1	3.1	3.7	0.75	2.1	3.1	3.7	0.75	20G11FC2P1JA0NNNNN	2
3.5	5.2	6.3	1.5	3.5	5.2	6.3	1.5	20G11FC3P5JA0NNNNN	
5	7.5	9	2.2	5	7.5	9	2.2	20G11FC5P0JA0NNNNN	
8.7	13	15.6	4	8.7	13	15.6	4	20G11FC8P7JA0NNNNN	
11.5	17.2	20.7	5.5	11.5	17.2	20.7	5.5	20G11FC011JA0NNNNN	
15.4	16.9	23.1	7.5	11.5	17.2	23.1	5.5	20G11FC015JA0NNNNN	
22	24.2	33	11	15.4	24.2	33	7.5	20G11FC022JA0NNNNN	
30	33	45	15	22	33	45	11	20G11FC030JA0NNNNN	3
37	40.7	55.5	18.5	30	45	55.5	15	20G11FC037JA0NNNNN	
43	47.3	64.5	22	37	55.5	66.6	18.5	20G11FC043JA0NNNNN	
60	66	90	30	43	66	90	22	20G11FC060JA0NNNNN	4
72.0	79.2	108	37	60	90	108	30	20G11FC072JA0NNNNN	
85	93.5	128	45	72	108	130	37	20G11FC085JA0NNNNN	5
104	114	156	55	85	128	156	45	20G11FC104JA0NNNNN	

(1) The 5th character determines Input Type; "1" = AC input with precharge and DC terminals, and "A" = AC input with precharge and no DC terminals. For DC input drives, see DRIVES-SG001, the PowerFlex Common Bus Configuration Selection Guide.

(2) The 11th character determines default Filtering and Common Mode Cap jumper configuration; "J" = Installed, and "A" = Removed.