

Approximate Dimensions and Weights

Dimensions are in mm (in.) - weights are in kg (lb)

IP00/IP20, NEMA/UL Type Open

Frame	H	W	D	Weight ⁽¹⁾
1	400.5 (15.77)	110 (4.33)	211 (8.31)	6 (12.75)
2	424.2 (16.7)	134.5 (5.3)	212 (8.35)	7.8 (17.2)
3	454 (17.87)	190 (7.48)		11.8 (26.1)
4	474 (18.66)	222 (8.74)		13.6 (30)
5	550 (21.65)	270 (10.63)		20.4 (45)
6	665.5 (26.2)	308 (12.13)	346.4 (13.64)	38.6 (85)
7	881.5 (34.7)	430 (16.93)	349.6 (13.76)	72.6... 108.9 (160... 240)

(1) Weights are approximate. Refer to [750-TD001](#), the PowerFlex 750-Series Technical Data, for detailed weight information.

IP54, NEMA/UL Type 12

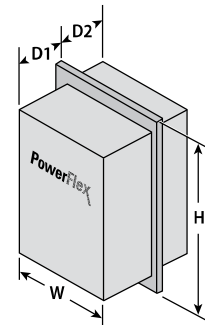
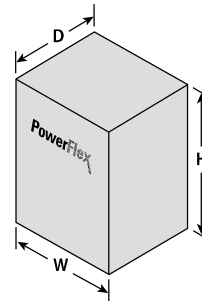
Frame	H	W	D	Weight ⁽¹⁾
2	543.2 (21.39)	215.3 (8.48)	222.2 (8.75)	8 (17)
3	551 (21.69)	268 (10.55)	220.1 (8.67)	12 (26)
4	571 (22.48)	300 (11.81)		14 (30)
5	647 (25.47)	348.0 (13.7)		20 (45)
6	1298.3 (51.11)	609.4 (24)	464.7 (18.3)	91 (200)
7	1614 (63.54)			162 (357)

(1) Weights are approximate. Refer to [750-TD001](#), the PowerFlex 750-Series Technical Data, for detailed weight information.

Flange Mount

Frame	H	W	D1	D2	Weight ⁽¹⁾
2	481.8 (18.97)	206.2 (8.12)	148.3 (5.84)	63.7 (2.51)	8 (17)
3	515 (20.28)	260 (10.24)	127.4 (5.02)	84.6 (3.33)	12 (26)
4	535 (21.06)	292 (11.5)			14 (30)
5	611 (24.06)	340 (13.39)			20 (45)
6	665.5 (26.2)	308 (12.13)	208.4 (8.2)	138 (5.43)	38 (84)
7	875 (34.45)	430 (16.93)			96 (212)

(1) Weights are approximate. Refer to [750-TD001](#), the PowerFlex 750-Series Technical Data, for detailed weight information.



PowerFlex 755 AC Drive

0.75...1500 kW/1...2000 Hp in voltages from 200...690V

Designed for flexibility, connectivity and productivity, the PowerFlex 755 AC drive provides ease of use and high performance for a wide variety of motor control applications. Ideal for machines that benefit from safety options, application flexibility, and packaging designed to meet a variety of environmental conditions, the PowerFlex 755 drive offers more selection for control, communications, safety, and supporting hardware options than any other drives in its class.

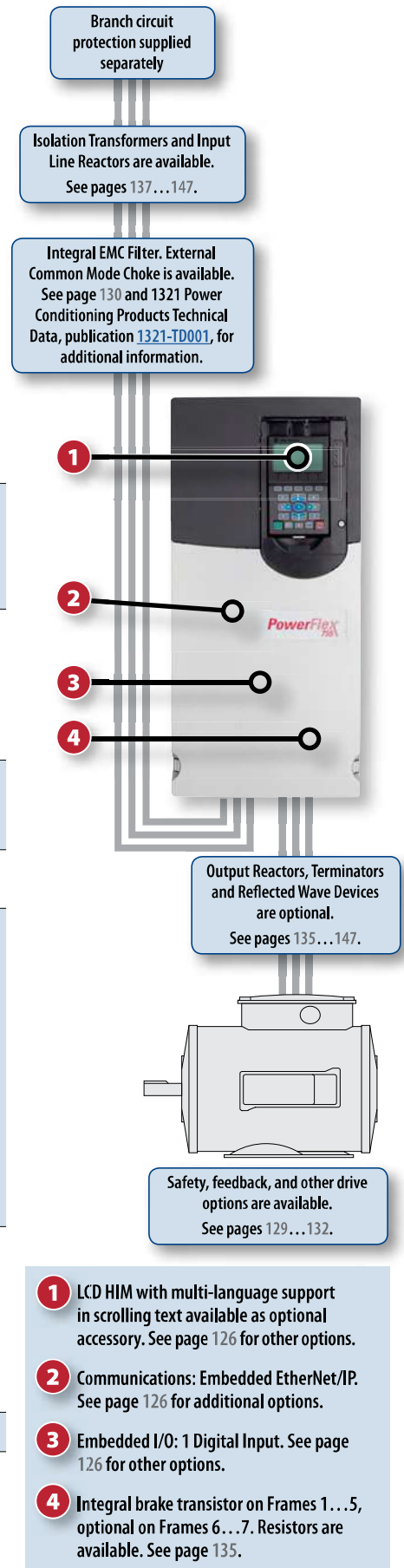
The PowerFlex 755 AC drive can be configured and programmed by using motions instructions within the Studio 5000 environment that are shared with Kinetix servo drives. This common user experience helps to reduce complexity and save valuable engineering time.

PowerFlex 755 at a Glance

Ratings	200...240V 0.5...200 Hp / 2.2...477 A 380...480V 0.75...1400 kW / 1.0...2000 Hp / 2.1...2330 A 600V 1.0...1500 Hp / 1.7...1530 A 690V 7.5...1500 kW / 12...1485 A	
Motor Control	- V/Hz Control - Sensorless Vector Control - Vector Control with FORCE Technology (with and without encoder) - Surface Mount Permanent Magnet: Frames 1...7 (with and without encoder) Frames 8...10 (with encoder) - Interior Permanent Magnet: Frames 1...7 (with and without encoder) Frames 8...10 (with encoder)	
Enclosures	- IP00/IP20, NEMA/UL Type Open - Flange Mount - IP54/NEMA/UL Type 12 - IP20, NEMA/UL Type 1 (MCC Style Cabinet) - IP54, NEMA Type 12 (MCC Style Cabinet)	
Safety	- Hardwired Safe Torque Off PLe/SIL3 Cat. 3 - Hardwired Safe Speed Monitor PLe/SIL3 Cat. 4 - Integrated Safety-Safe Torque Off PLe/SIL3 Cat. 4	
Additional Features	- Built-in EtherNet/IP Port - Automatic Device Configuration - Program with motion instructions in Studio 5000 Logix Designer™ Software - Predictive Diagnostics - Adjustable Voltage Control - Five option slots for I/O, feedback, safety, auxiliary control power, communications - Accurate positioning with PCAM, Indexer, Electronic Gearing, and speed/position profiling - Incremental, Absolute and High Resolution feedback supported - TorqProve for lifting applications - Pump Jack and Pump Off for oil well applications - Pump and Traverse for fiber applications - Conformal Coating - DC Link Choke - AC line fuses included with Frame 8...10 drives - Roll-out design for Frame 8...10 drives	
Certifications	- ABS - AC156 Seismic Standards - ATEX⁽¹⁾ - cULus - CE - EAC - KCC - Lloyd's Register - RCM - RINA - RoHS - SEMI F47 - TÜV FS⁽²⁾	
Options	See pages 126...147	

(1) Certification requires 11-series I/O and ATEX daughter card options.

(2) Certification applies to 20-750-S, 20-750-S1, and 20-750-S3 safety options when installed in drive.



PowerFlex 755 Wall Mount Drives

PowerFlex 755 wall mount drives have a power range from 0.75 kW / 1 Hp to 270 kW / 400 Hp and are available in several factory and field installable enclosure options to meet most environmental requirements.

The standard enclosure is optimized for cabinet installation and rated at IP00/IP20, NEMA/UL Type Open. Wall mount drives can be converted to IP20, NEMA/UL Type 1 with an optional kit containing a debris hood and conduit plate. A factory enclosure option is also available with extra protection (IP54, NEMA Type 12) for harsh environments.

Flange mount drives are available via a factory option (Frames 1...5) or field installable kits (Frames 6 and 7) and are designed to reduce panel cooling requirements by mounting the drive heatsink outside the cabinet.

A DC link choke is included on all frames and internal brake transistor in standard on Frames 1...5 and optional on Frames 6 and 7.

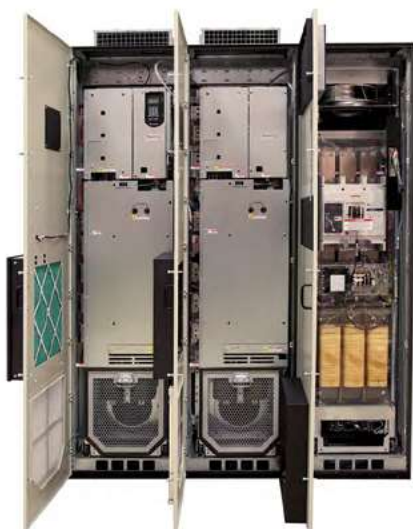


PowerFlex 755 Floor Mount Drives

PowerFlex 755 floor mount drives have a power range from 200 kW / 250 Hp to 1400 kW / 2000 Hp, and offer multiple duty ratings to provide flexibility for different application requirements. One drive can provide three different motor current ratings. For example a 480 A drive can run a 400 Hp motor in light duty, a 350 Hp motor in normal duty, and a 300 Hp motor in heavy duty.

- Light Duty = 110% of motor rated current for 60 seconds
- Normal Duty = 110% of motor rated current for 60 seconds/150% of motor rated current for 3 seconds
- Heavy Duty = 150% of motor rated current for 60 seconds/180% of motor rated current for 3 seconds

Other power options from the factory include disconnect, reactor, contactor, integrated MCC bus for direct connection to CENTERLINE MCC, auxiliary transformer or wiring bay.



IP54, NEMA Type 12 Drive and Options (2500 MCC Style Cabinet)
(Frame 9 shown)

Includes: DC link choke, Integrated AC line fuses, roll-out design, exhaust hood, and option bay for control/protection devices.



Roll-out Design
(Frame 8 shown)

A roll-out cart is required for Frame 8...10 drives and Frame 9...10 optional bay chassis. The cart has an adjustable Curb Height of 0...182 mm (0...7.2 in.) and curb offset/reach of 0...114 mm (0...4.5 in.). See page 131 for ordering information.

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

20G	1	A	N	D	248	A	A	0	N	N	N	N	N	- LD - P3 - P11...
	Input Type	Enclosure	Voltage Rating	Rating	Filtering & Common Mode Capacitor Configuration	Brake IGBT	Door Mounted HIM (Frames 8...10 only)							Cabinet Options (21G)

Product Selection

200...240V AC, Three-phase Drives (Available mid-2017)

IP00/IP20, NEMA/UL Type Open⁽¹⁾

Normal Duty					Heavy Duty					Cat. No. ⁽³⁾⁽⁴⁾	Frame Size	
Output Amps: 240V (208V) ⁽²⁾			Hp	kW	Output Amps: 240V (208V) ⁽²⁾			Hp	kW			
Cont.	1 Min.	3 Sec.			Cont.	1 Min.	3 Sec.					
2.2 (2.5)	2.4 (2.8)	3.3 (3.8)	0.5	0.37	2.2 (2.5)	3.3 (3.8)	4 (4.5)	0.5	0.37	20G11RB2P2JA0NNNNN	1	
4.2 (4.8)	4.6 (5.3)	6.3 (7.2)	1	0.75	2.2 (2.5)	3.3 (3.8)	4 (4.5)	0.5	0.37	20G11RB4P2JA0NNNNN		
6.8 (7.8)	7.5 (8.6)	10.2 (11.7)	2	1.5	4.2 (4.8)	6.3 (7.2)	7.6 (8.6)	1	0.75	20G11RB6P8JA0NNNNN		
9.6 (11)	10.6 (12.1)	14.4 (16.5)	3	2.2	6.8 (7.8)	10.2 (11.7)	12.2 (14)	2	1.5	20G11RB9P6JA0NNNNN		
15.3 (15.3)	16.8 (16.8)	23 (23)	5	4	9.6 (11)	14.4 (16.5)	17.3 (19.8)	3	2.2	20G11RB015JA0NNNNN		
2.2 (2.5)	3.3 (3.8)	4 (4.5)	0.5	0.37	2.2 (2.5)	3.3 (3.8)	4 (4.5)	0.5	0.37	20G11NB2P2JA0NNNNN	2	
4.2 (4.8)	6.3 (7.2)	7.6 (8.6)	1	0.75	4.2 (4.8)	6.3 (7.2)	7.6 (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)	17.3 (19.8)	3	2.2	9.6 (11)	14.4 (16.5)	17.3 (19.8)	3	2.2	20G11NB9P6JA0NNNNN		
15.3 (17.5)	23 (26.3)	27.5 (31.5)	5	4	15.3 (17.5)	23 (26.3)	27.5 (31.5)	5	4	20G11NB015JA0NNNNN		
22 (22)	24.2 (24.2)	33 (33)	7.5	5.5	15.3 (17.5)	23 (26.3)	27.5 (31.5)	5	4	20G11NB022JA0NNNNN		
28 (32.2)	30.8 (35.4)	42 (48.3)	10	7.5	22 (22)	33 (33)	39.6 (39.6)	7.5	5.5	20G11NB028JA0NNNNN		3
42 (43)	46.2 (47.3)	63 (64.5)	15	11	28 (32.2)	42 (48.3)	50.4 (58)	10	7.5	20G11NB042JA0NNNNN		
54 (60)	59.4 (66)	81 (90)	20	15	42 (43)	63 (64.5)	75.6 (77.4)	15	11	20G11NB054JA0NNNNN	4	
70 (78.2)	77 (86)	105 (117)	25	18.5	54 (60)	81 (90)	97 (108)	20	15	20G11NB070JA0NNNNN	5	
80 (92)	88 (101)	120 (138)	30	22	70 (78.2)	105 (117)	126 (141)	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.

(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 Common DC Bus 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 (Available mid-2017), (continued)

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

Normal Duty					Heavy Duty					Cat. No. ⁽³⁾⁽⁴⁾	Frame Size
Output Amps: 240V (208V) ⁽²⁾			Hp	kW	Output Amps: 240V (208V) ⁽²⁾			Hp	kW		
Cont.	1 Min.	3 Sec.			Cont.	1 Min.	3 Sec.				
104 (120)	114 (132)	156 (180)	40	30	80 (92)	120 (138)	144 (166)	30	22	20G1ANB104JNONNNNN ⁽⁵⁾	6
130 (150)	143 (165)	195 (225)	50	37	104 (120)	156 (180)	187 (216)	40	30	20G1ANB130JNONNNNN ⁽⁵⁾	
154 (177)	169 (195)	231 (266)	60	45	130 (150)	195 (225)	234 (270)	50	37	20G1ANB154JNONNNNN ⁽⁵⁾	
192 (221)	211 (243)	288 (332)	75	55	154 (177)	231 (266)	277 (319)	60	45	20G1ANB192JNONNNNN ⁽⁵⁾	
260 (260)	286 (286)	390 (390)	100	75	192 (221)	288 (332)	346 (398)	75	55	20G1ANB260JNONNNNN ⁽⁵⁾	
312 (359)	343 (395)	468 (539)	125	90	260 (260)	390 (390)	468 (468)	100	75	20G1ANB312JNONNNNN ⁽⁵⁾	7
360 (414)	396 (455)	540 (621)	150	110	312 (359)	468 (539)	562 (646)	125	90	20G1ANB360JNONNNNN ⁽⁵⁾	
477 (477)	525 (525)	716 (716)	200	132	360 (359)	540 (539)	648 (646)	150	110	20G1ANB477JNONNNNN ⁽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-NEMA-1-Fx), where x is the frame size of the drive.

(2) Drives must be programmed to lower voltage to obtain the currents shown.

(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 Common DC Bus 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					Cat. No. ⁽²⁾⁽³⁾	Frame Size
Output Amps: 240V (208V) ⁽¹⁾			Hp	kW	Output Amps: 240V (208V) ⁽¹⁾			Hp	kW		
Cont.	1 Min.	3 Sec.			Cont.	1 Min.	3 Sec.				
2.2 (2.5)	3.3 (3.8)	4 (4.5)	0.5	0.37	2.2 (2.5)	3.3 (3.8)	4 (4.5)	0.5	0.37	20G11GB2P2JAONNNNN	2
4.2 (4.8)	6.3 (7.2)	7.6 (8.6)	1	0.75	4.2 (4.8)	6.3 (7.2)	7.6 (8.6)	1	0.75	20G11GB4P2JAONNNNN	
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	20G11GB6P8JAONNNNN	
9.6 (11)	14.4 (16.5)	17.3 (19.8)	3	2.2	9.6 (11)	14.4 (16.5)	17.3 (19.8)	3	2.2	20G11GB9P6JAONNNNN	
15.3 (17.5)	23 (26.3)	27.5 (31.5)	5	4	15.3 (17.5)	23 (26.3)	27.5 (31.5)	5	4	20G11GB015JAONNNNN	
22 (22)	24.2 (24.2)	33 (33)	7.5	5.5	15.3 (17.5)	23 (26.3)	27.5 (31.5)	5	4	20G11GB022JAONNNNN	3
28 (32.2)	30.8 (35.4)	42 (48.3)	10	7.5	22 (22)	33 (33)	39.6 (39.6)	7.5	5.5	20G11GB028JAONNNNN	
42 (43)	46.2 (47.3)	63 (64.5)	15	11	28 (32.2)	42 (48.3)	50.4 (58)	10	7.5	20G11GB042JAONNNNN	
54 (60)	59.4 (66)	81 (90)	20	15	42 (43)	63 (64.5)	75.6 (77.4)	15	11	20G11GB054JAONNNNN	
70 (78.2)	77 (86)	105 (117)	25	18.5	54 (60)	81 (90)	97 (108)	20	15	20G11GB070JAONNNNN	
80 (92)	88 (101)	120 (138)	30	22	70 (78.2)	105 (117)	126 (141)	25	18.5	20G1AGB080JNONNNNN ⁽⁴⁾	6
104 (120)	114 (132)	156 (180)	40	30	80 (92)	120 (138)	144 (166)	30	22	20G1AGB104JNONNNNN ⁽⁴⁾	
130 (150)	143 (165)	195 (225)	50	37	104 (120)	156 (180)	187 (216)	40	30	20G1AGB130JNONNNNN ⁽⁴⁾	
154 (177)	169 (195)	231 (266)	60	45	130 (150)	195 (225)	234 (270)	50	37	20G1AGB154JNONNNNN ⁽⁴⁾	
192 (221)	211 (243)	288 (332)	75	55	154 (177)	231 (266)	277 (319)	60	45	20G1AGB192JNONNNNN ⁽⁴⁾	
260 (260)	286 (286)	390 (390)	100	75	192 (221)	288 (332)	346 (398)	75	55	20G1AGB260JNONNNNN ⁽⁴⁾	7
312 (359)	343 (395)	468 (539)	125	90	260 (260)	390 (390)	468 (468)	100	75	20G1AGB312JNONNNNN ⁽⁴⁾	
360 (414)	396 (455)	540 (621)	150	110	312 (359)	468 (539)	562 (646)	125	90	20G1AGB360JNONNNNN ⁽⁴⁾	

(1) Drive must be programmed to lower voltage to operate at 208V AC input and output 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 Common DC Bus 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.

200...240V AC, Three-phase Drives (Available mid-2017), (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 84 for 200...240V, Frame 6...7 IP00, NEMA Type Open drives.

Normal Duty					Heavy Duty					Cat. No. ⁽²⁾⁽³⁾	Frame Size
Output Amps: 240V (208V) ⁽¹⁾			Hp	kW	Output Amps: 240V (208V) ⁽¹⁾			Hp	kW		
Cont.	1 Min.	3 Sec.			Cont.	1 Min.	3 Sec.				
2.2 (2.5)	3.3 (3.8)	4 (4.5)	0.5	0.37	2.2 (2.5)	3.3 (3.8)	4 (4.5)	0.5	0.37	20G11FB2P2JA0NNNNN	2
4.2 (4.8)	6.3 (7.2)	7.6 (8.6)	1	0.75	4.2 (4.8)	6.3 (7.2)	7.6 (8.6)	1	0.75	20G11FB4P2JA0NNNNN	
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	20G11FB6P8JA0NNNNN	
9.6 (11)	14.4 (16.5)	17.3 (19.8)	3	2.2	9.6 (11)	14.4 (16.5)	17.3 (19.8)	3	2.2	20G11FB9P6JA0NNNNN	
15.3 (17.5)	23 (26.3)	27.5 (31.5)	5	4	15.3 (17.5)	23 (26.3)	27.5 (31.5)	5	4	20G11FB015JA0NNNNN	
22 (22)	24.2 (24.2)	33 (33)	7.5	5.5	15.3 (17.5)	23 (26.3)	27.5 (31.5)	5	4	20G11FB022JA0NNNNN	3
28 (32.2)	30.8 (35.4)	42 (48.3)	10	7.5	22 (22)	33 (33)	39.6 (39.6)	7.5	5.5	20G11FB028JA0NNNNN	
42 (43)	46.2 (47.3)	63 (64.5)	15	11	28 (32.2)	42 (48.3)	50.4 (58)	10	7.5	20G11FB042JA0NNNNN	
54 (60)	59.4 (66)	81 (90)	20	15	42 (43)	63 (64.5)	75.6 (77.4)	15	11	20G11FB054JA0NNNNN	4
70 (78.2)	77 (86)	105 (117)	25	18.5	54 (60)	81 (90)	97 (108)	20	15	20G11FB070JA0NNNNN	5
80 (92)	88 (101)	120 (138)	30	22	70 (78.2)	105 (117)	126 (141)	25	18.5	20G11FB080JA0NNNNN	

(1) Drive must be programmed to lower voltage to operate at 208V AC input and output 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 Common DC Bus Selection Guide.

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

380...400V AC, Three-phase Drives

IP00/IP20, NEMA/UL Type Open⁽¹⁾

Light Duty ⁽²⁾		Normal Duty				Heavy Duty				Cat. No. ⁽³⁾⁽⁴⁾	Frame Size	
Output Amps		kW	Output Amps			kW	Output Amps					kW
Cont.	1 Min.		Cont.	1 Min.	3 Sec.		Cont.	1 Min.	3 Sec.			
—	—	—	2.1	2.3	3.2	0.75	1.3	2.3	3.2	0.37	20G11RC2P1JA0NNNNN	1
			3.5	3.9	5.3	1.5	2.1	3.9	5.3	0.75	20G11RC3P5JA0NNNNN	
			5	5.5	7.5	2.2	3.5	5.5	7.5	1.5	20G11RC5P0JA0NNNNN	
			8.7	9.6	13.1	4	5	9.6	13.1	2.2	20G11RC8P7JA0NNNNN	
			11.5	13.1	17.3	5.5	8.7	13.1	17.3	4	20G11RC011JA0NNNNN	
			15.4	16.9	23.1	7.5	11.5	17.2	23.1	5.5	20G11RC015JA0NNNNN	
			2.1	3.1	3.7	0.75	2.1	3.1	3.7	0.75	20G11NC2P1JA0NNNNN	2
			3.5	5.2	6.3	1.5	3.5	5.2	6.3	1.5	20G11NC3P5JA0NNNNN	
			5	7.5	9	2.2	5	7.5	9	2.2	20G11NC5P0JA0NNNNN	
			8.7	13	15.6	4	8.7	13	15.6	4	20G11NC8P7JA0NNNNN	
			11.5	17.2	20.7	5.5	11.5	17.2	20.7	5.5	20G11NC011JA0NNNNN	
			15.4	16.9	23.1	7.5	11.5	17.2	23.1	5.5	20G11NC015JA0NNNNN	
			22	24.2	33	11	15.4	24.2	33	7.5	20G11NC022JA0NNNNN	3
			30	33	45	15	22	33	45	11	20G11NC030JA0NNNNN	
			37	40.7	55.5	18.5	30	45	55.5	15	20G11NC037JA0NNNNN	
			43	47.3	64.5	22	37	55.5	66.6	18.5	20G11NC043JA0NNNNN	
			60	66	90	30	44	66	90	22	20G11NC060JA0NNNNN	4
			72	79.2	108	37	60	90	108	30	20G11NC072JA0NNNNN	
			85	93.5	128	45	72	108	130	37	20G11NC085JA0NNNNN	5
			104	114	156	55	85	128	156	45	20G11NC104JA0NNNNN	
			140	154	210	75	104	156	210	55	20G1ANC140JNONNNNN ⁽⁵⁾	6
			170	187	255	90	140	210	255	75	20G1ANC170JNONNNNN ⁽⁵⁾	
			205	226	308	110	170	255	308	90	20G1ANC205JNONNNNN ⁽⁵⁾	
			260	286	390	132	205	308	390	110	20G1ANC260JNONNNNN ⁽⁵⁾	
			302	332	453	160	260	390	468	132	20G1ANC302JNONNNNN ⁽⁵⁾	7
			367	404	551	200	302	453	551	160	20G1ANC367JNONNNNN ⁽⁵⁾	
			456	502	684	250	367	551	684	200	20G1ANC456JNONNNNN ⁽⁵⁾	
			477	525	716	270	367	551	684	200	20G1ANC477JNONNNNN ⁽⁵⁾	

(1) Frames 1...5 are IP20, NEMA/UL Type Open. Frames 6...7 are IP00, NEMA/UL Type Open. Frames 8...10 are IP20, NEMA/UL Type 1. 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) Light Duty rating only available on Frame 8...10 drives. Light Duty allows 110% overload for 1 minute, and does not have a 3 second overload rating.

(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 Common DC Bus 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.

(table continues on next page)

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

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

Light Duty ⁽²⁾			Normal Duty				Heavy Duty				Cat. No. ⁽³⁾⁽⁴⁾	Frame Size
Output Amps		kW	Output Amps			kW	Output Amps			kW		
Cont.	1 Min.		Cont.	1 Min.	3 Sec.		Cont.	1 Min.	3 Sec.			
540	594	315	460	506	690	250	385	578	693	200	20G1A*C460JNONNNNN ⁽⁵⁾	8 ⁽⁷⁾
585	644	315	540	594	810	315	456	684	821	250	20G1A*C540JNONNNNN ⁽⁵⁾	
612	673	355	567	624	851	315	472	708	850	250	20G1A*C567JNONNNNN ⁽⁵⁾	
750	825	400	650	715	975	355	540	810	972	315	20G1A*C650JNONNNNN ⁽⁵⁾	
796	876	450	750	825	1125	400	585	878	1053	315	20G1A*C750JNONNNNN ⁽⁵⁾	
832	915	450	770	847	1155	400	642	963	1156	355	20G1A*C770JNONNNNN ⁽⁵⁾	
1040	1144	560	910	1001	1365	500	750	1125	1350	400	20G11*C910JNONNNNN ⁽⁶⁾	9 ⁽⁷⁾
1090	1199	630	1040	1144	1560	560	880	1320	1584	500	20G11*C1K0JNONNNNN ⁽⁶⁾	
1175	1293	710	1090	1199	1635	630	910	1365	1638	500	20G11*C1K1JNONNNNN ⁽⁶⁾	
1465	1612	800	1175	1293	1763	710	1040	1560	1872	560	20G11*C1K2JNONNNNN ⁽⁶⁾	
1480	1628	850	1465	1612	2198	800	1090	1635	1962	630	20G11*C1K4JNONNNNN ⁽⁶⁾	
1600	1760	900	1480	1628	2220	850	1175	1763	2115	710	20G11*C1K5JNONNNNN ⁽⁶⁾	
1715	1887	1000	1590	1749	2385	900	1325	1988	2385	710	20G11*C1K6JNONNNNN ⁽⁶⁾	10 ⁽⁷⁾
2330	2563	1400	2150	2365	3225	1250	1800	2700	3240	1000	20G11*C2K1JNONNNNN ⁽⁶⁾	

(1) Frames 1...5 are IP20, NEMA/UL Type Open. Frames 6...7 are IP00, NEMA/UL Type Open. Frames 8...10 are IP20, NEMA/UL Type 1. 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) Light Duty rating only available on Frame 8...10 drives. Light Duty allows 110% overload for 1 minute, and does not have a 3 second overload rating.

(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 Common DC Bus 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.

(6) The 6th character (designated by an * in this table) determines Enclosure Type and Depth. "B" = IP20, NEMA/UL Type 1, MCC style 600 mm (23.6 in.) deep, and "L" = IP20, NEMA/UL Type 1, MCC style 800 mm (31.5 in.).

(7) 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)

IP54, NEMA/UL Type 12

Light Duty ⁽¹⁾			Normal Duty				Heavy Duty				Cat. No. ⁽²⁾⁽³⁾	Frame Size
Output Amps		kW	Output Amps			kW	Output Amps			kW		
Cont.	1 Min.		Cont.	1 Min.	3 Sec.		Cont.	1 Min.	3 Sec.			
—	—	—	2.1	3.1	3.7	0.75	2.1	3.1	3.7	0.75	20G11GC2P1JA0NNNNNN	2
			3.5	5.2	6.3	1.5	3.5	5.2	6.3	1.5	20G11GC3P5JA0NNNNNN	
			5	7.5	9	2.2	5	7.5	9.0	2.2	20G11GC5P0JA0NNNNNN	
			8.7	13	15.6	4	8.7	13	15.6	4	20G11GC8P7JA0NNNNNN	
			11.5	17.2	20.7	5.5	11.5	17.2	20.7	5.5	20G11GC011JA0NNNNNN	
			15.4	16.9	23.1	7.5	11.5	17.2	23.1	5.5	20G11GC015JA0NNNNNN	
			22	24.2	33	11	15.4	24.2	33	7.5	20G11GC022JA0NNNNNN	3
			30	33	45	15	22	33	45	11	20G11GC030JA0NNNNNN	
			37	40.7	55.5	18.5	30	45	55.5	15	20G11GC037JA0NNNNNN	
			43	47.3	64.5	22	37	55.5	66.6	18.5	20G11GC043JA0NNNNNN	
			60	66	90	30	44	66	90	22	20G11GC060JA0NNNNNN	4
			72	79.2	108	37	60	90	108	30	20G11GC072JA0NNNNNN	5
			85	93.5	128	45	72	108	130	37	20G11GC085JA0NNNNNN	
			104	114	156	55	85	128	156	45	20G1AGC104JNONNNNN ⁽⁴⁾	6
			140	154	210	75	104	156	210	55	20G1AGC140JNONNNNN ⁽⁴⁾	
			170	187	255	90	140	210	255	75	20G1AGC170JNONNNNN ⁽⁴⁾	
			205	226	308	110	170	255	308	90	20G1AGC205JNONNNNN ⁽⁴⁾	
			260	286	390	132	205	308	390	110	20G1AGC260JNONNNNN ⁽⁴⁾	7
			302	332	453	160	260	390	468	132	20G1AGC302JNONNNNN ⁽⁴⁾	
			367	404	551	200	302	453	551	160	20G1AGC367JNONNNNN ⁽⁴⁾	
			456	502	684	250	367	551	684	200	20G1AGC456JNONNNNN ⁽⁴⁾	
540	594	315	460	506	690	250	385	578	693	200	20G1AJC460JNONNNNN	8 ⁽⁵⁾
585	644	315	540	594	810	315	456	684	821	250	20G1AJC540JNONNNNN	
612	673	355	567	624	851	315	472	708	850	250	20G1AJC567JNONNNNN	
750	825	400	650	715	975	355	540	810	972	315	20G1AJC650JNONNNNN	
796	876	450	750	825	1125	400	585	878	1053	315	20G1AJC750JNONNNNN	
832	915	450	770	847	1155	400	642	963	1156	355	20G1AJC770JNONNNNN	
1040	1144	560	910	1001	1365	500	750	1125	1350	400	20G11JC910JNONNNNN	9 ⁽⁵⁾
1090	1199	630	1040	1144	1560	560	880	1320	1584	500	20G11JC1K0JNONNNNN	
1175	1293	710	1090	1199	1635	630	910	1365	1638	500	20G11JC1K1JNONNNNN	
1465	1612	800	1175	1293	1763	710	1040	1560	1872	560	20G11JC1K2JNONNNNN	
1480	1628	850	1465	1612	2198	800	1090	1635	1962	630	20G11JC1K4JNONNNNN	
1600	1760	900	1480	1628	2220	850	1175	1763	2115	710	20G11JC1K5JNONNNNN	
1715	1887	1000	1590	1749	2385	900	1325	1988	2385	710	20G11JC1K6JNONNNNN	10 ⁽⁵⁾
2330	2563	1400	2150	2365	3225	1250	1800	2700	3240	1000	20G11JC2K1JNONNNNN	

(1) These drives have dual current ratings; one for normal duty applications, and one for heavy duty applications (in parenthesis). The drive may 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 (20G1xxxxxxANONNNNN).

(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				Cat. No. ⁽¹⁾⁽²⁾	Frame Size
Outputs Amp			kW	Output Amps			kW		
Cont.	1 Min.	3 Sec.		Cont.	1 Min.	3 Sec.			
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	44	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 Common DC Bus Selection Guide.

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

480V AC, Three-phase Drives

IP00/IP20, NEMA/UL Type Open⁽¹⁾

Light Duty ⁽²⁾			Normal Duty				Heavy Duty				Cat. No. ⁽³⁾⁽⁴⁾	Frame Size
Output Amps		Hp	Output Amps			Hp	Output Amps			Hp		
Cont.	1 Min.		Cont.	1 Min.	3 Sec.		Cont.	1 Min.	3 Sec.			
—	—	—	2.1	2.3	3.2	1	1.1	2.3	3.2	0.5	20G11RD2P1JA0NNNNN	1
			3.4	3.7	5.1	2	2.8	4.2	5.1	1	20G11RD3P4JA0NNNNN	
			5	5.5	7.5	3	3.4	5.5	7.5	2	20G11RD5P0JA0NNNNN	
			8	8.8	12	5	5	8.8	12	3	20G11RD8P0JA0NNNNN	
			11	12.1	16.5	7.5	8	12.1	16.5	5	20G11RD011JA0NNNNN	
			14	15.4	21	10	11	16.5	21	7.5	20G11RD014JA0NNNNN	
			2.1	3.1	3.7	1	2.1	3.1	3.7	1	20G11ND2P1JA0NNNNN	2
			3.4	5.1	6.1	2	3.4	5.1	6.1	2	20G11ND3P4JA0NNNNN	
			5	7.5	9.0	3	5	7.5	9	3	20G11ND5P0JA0NNNNN	
			8	12	14.4	5	8	12	14.4	5	20G11ND8P0JA0NNNNN	
			11	16.5	19.8	7.5	11	16.5	19.8	7.5	20G11ND011JA0NNNNN	
			14	15.4	21	10	11	16.5	21	7.5	20G11ND014JA0NNNNN	
			22	24.2	33	15	14	24.2	33	15	20G11ND022JA0NNNNN	3
			27	29.7	40.5	20	22	33	40.5	15	20G11ND027JA0NNNNN	
			34	37.4	51	25	27	40.5	51	20	20G11ND034JA0NNNNN	
			40	44	60	30	34	51	61.2	25	20G11ND040JA0NNNNN	
			52	57.2	78.0	40	40	60	78	30	20G11ND052JA0NNNNN	
			65	71.5	97.5	50	52	78	97.5	40	20G11ND065JA0NNNNN	
			77	84.7	116	60	65	97.5	116	50	20G11ND077JA0NNNNN	5
			96	106	144	75	77	116	144	60	20G11ND096JA0NNNNN	
			125	138	188	100	96	144	188	75	20G1JND125JNONNNNN ⁽⁵⁾	6
			156	172	234	125	125	188	234	100	20G1JND156JNONNNNN ⁽⁵⁾	
			186	205	279	150	156	234	281	125	20G1JND186JNONNNNN ⁽⁵⁾	
			248	273	372	200	186	279	372	150	20G1JND248JNONNNNN ⁽⁵⁾	
			302	332	453	250	248	372	453	200	20G1JND302JNONNNNN ⁽⁵⁾	7
			361	397	542	300	302	453	535	250	20G1JND361JNONNNNN ⁽⁵⁾	
			415	457	623	350	361	542	650	300	20G1JND415JNONNNNN ⁽⁵⁾	
			477	525	716	400	361	542	650	300	20G1JND477JNONNNNN ⁽⁵⁾	

(1) Frames 1...5 are IP20, NEMA/UL Type Open. Frames 6...7 are IP00, NEMA/UL Type Open. Frames 8...10 are IP20, NEMA/UL Type 1. 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) Light Duty rating only available on Frame 8...10 drives. Light Duty allows 110% overload for 1 minute, and does not have a 3 second overload rating.

(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 Common DC Bus 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.

(6) The 6th character (designated by an * in this table) determines Enclosure Type and Depth. "B" = IP20, NEMA/UL Type 1, MCC style 600 mm (23.6 in.) deep, and "L" = IP20, NEMA/UL Type 1, MCC style 800 mm (31.5 in.).

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

(table continues on next page)

480V AC, Three-phase Drives (continued)

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

Light Duty ⁽²⁾			Normal Duty				Heavy Duty				Cat. No. ⁽³⁾⁽⁴⁾	Frame Size
Output Amps		Hp	Output Amps			Hp	Output Amps			Hp		
Cont.	1 Min.		Cont.	1 Min.	3 Sec.		Cont.	1 Min.	3 Sec.			
485	534	400	430	473	645	350	370	555	666	300	20G1A*D430JNONNNNN ⁽⁶⁾	8 ⁽⁷⁾
545	600	450	485	534	728	400	414	621	745	350	20G1A*D485JNONNNNN ⁽⁶⁾	
590	649	500	545	600	818	450	454	681	817	350	20G1A*D545JNONNNNN ⁽⁶⁾	
710	781	600	617	679	926	500	485	728	873	400	20G1A*D617JNONNNNN ⁽⁶⁾	
765	842	650	710	781	1065	600	545	818	981	450	20G1A*D710JNONNNNN ⁽⁶⁾	
800	880	700	740	814	1110	650	617	926	1111	500	20G1A*D740JNONNNNN ⁽⁶⁾	
960	1056	800	800	880	1200	700	710	1065	1278	600	20G11*D800JNONNNNN ⁽⁶⁾	9 ⁽⁷⁾
1045	1150	900	960	1056	1440	800	795	1193	1431	700	20G11*D960JNONNNNN ⁽⁶⁾	
1135	1249	1000	1045	1150	1568	900	800	1200	1440	750	20G11*D1K0JNONNNNN ⁽⁶⁾	
1365	1502	1100	1135	1249	1703	1000	960	1440	1728	800	20G11*D1K2JNONNNNN ⁽⁶⁾	
1420	1562	1250	1365	1502	2048	1100	1045	1568	1881	900	20G11*D1K3JNONNNNN ⁽⁶⁾	
1540	1694	1350	1420	1562	2130	1250	1135	1703	2043	1000	20G11*D1K4JNONNNNN ⁽⁶⁾	
1655	1821	1500	1525	1678	2288	1350	1270	1905	2286	1100	20G11*D1K5JNONNNNN ⁽⁶⁾	10 ⁽⁷⁾
2240	2464	2000	2070	2277	3105	1750	1730	2595	3114	1650	20G11*D2K0JNONNNNN ⁽⁶⁾	

(1) Frames 1...5 are IP20, NEMA/UL Type Open. Frames 6...7 are IP00, NEMA/UL Type Open. Frames 8...10 are IP20, NEMA/UL Type 1. 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) Light Duty rating only available on Frame 8...10 drives. Light Duty allows 110% overload for 1 minute, and does not have a 3 second overload rating.

(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 Common DC Bus 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.

(6) The 6th character (designated by an * in this table) determines Enclosure Type and Depth. "B" = IP20, NEMA/UL Type 1, MCC style 600 mm (23.6 in.) deep, and "L" = IP20, NEMA/UL Type 1, MCC style 800 mm (31.5 in.).

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

480V AC, Three-phase Drives (continued)

IP54, NEMA/UL Type 12

Light Duty ⁽¹⁾			Normal Duty				Heavy Duty				Cat. No. ⁽²⁾⁽³⁾	Frame Size
Output Amps		Hp	Output Amps			Hp	Output Amps			Hp		
Cont.	1 Min.		Cont.	1 Min.	3 Sec.		Cont.	1 Min.	3 Sec.			
—	—	—	2.1	3.1	3.7	1	2.1	3.1	3.7	1	20G11GD2P1JA0NNNNNN	2
			3.4	5.1	6.1	2	3.4	5.1	6.1	2	20G11GD3P4JA0NNNNNN	
			5	7.5	9	3	5	7.5	9	3	20G11GD5P0JA0NNNNNN	
			8	12	14.4	5	8	12	14.4	5	20G11GD8P0JA0NNNNNN	
			11	16.5	19.8	7.5	11	16.5	19.8	7.5	20G11GD011JA0NNNNNN	
			14	15.4	21	10	11	16.5	21	7.5	20G11GD014JA0NNNNNN	
			22	24.2	33	15	14	24.2	33	15	20G11GD022JA0NNNNNN	
			27	29.7	40.5	20	22	33	40.5	15	20G11GD027JA0NNNNNN	3
			34	37.4	51	25	27	40.5	51	20	20G11GD034JA0NNNNNN	
			40	44	60	30	34	51	61.2	25	20G11GD040JA0NNNNNN	
			52	57.2	78	40	40	60	78	30	20G11GD052JA0NNNNNN	4
			65	71.5	97.5	50	52	78	97.5	40	20G11GD065JA0NNNNNN	5
			77	84.7	116	60	65	97.5	116	50	20G11GD077JA0NNNNNN	
			96	106	144	75	77	116	144	60	20G1AGD096JNONNNNN ⁽⁴⁾	6
			125	138	188	100	96	144	188	75	20G1AGD125JNONNNNN ⁽⁴⁾	
			156	172	234	125	125	188	234	100	20G1AGD156JNONNNNN ⁽⁴⁾	
			186	205	279	150	156	234	281	125	20G1AGD186JNONNNNN ⁽⁴⁾	
			248	273	372	200	186	279	372	150	20G1AGD248JNONNNNN ⁽⁴⁾	7
			302	332	453	250	248	372	453	200	20G1AGD302JNONNNNN ⁽⁴⁾	
			361	397	542	300	302	453	535	250	20G1AGD361JNONNNNN ⁽⁴⁾	
			415	457	623	350	361	542	650	300	20G1AGD415JNONNNNN ⁽⁴⁾	
485	534	400	430	473	645	350	370	555	666	300	20G1AJD430JNONNNNNN	8 ⁽⁵⁾
545	600	450	485	534	728	400	414	621	745	350	20G1AJD485JNONNNNNN	
590	649	500	545	600	818	450	454	681	817	350	20G1AJD545JNONNNNNN	
710	781	600	617	679	926	500	485	728	873	400	20G1AJD617JNONNNNNN	
765	842	650	710	781	1065	600	545	818	981	450	20G1AJD710JNONNNNNN	
800	880	700	740	814	1110	650	617	926	1111	500	20G1AJD740JNONNNNNN	9 ⁽⁵⁾
960	1056	800	800	880	1200	700	710	1065	1278	600	20G11JD800JNONNNNNN	
1045	1150	900	960	1056	1440	800	795	1193	1431	700	20G11JD960JNONNNNNN	
1135	1249	1000	1045	1150	1568	900	800	1200	1440	750	20G11JD1K0JNONNNNNN	
1365	1502	1100	1135	1249	1703	1000	960	1440	1728	800	20G11JD1K2JNONNNNNN	
1420	1562	1250	1365	1502	2048	1100	1045	1568	1881	900	20G11JD1K3JNONNNNNN	
1540	1694	1350	1420	1562	2130	1250	1135	1703	2043	1000	20G11JD1K4JNONNNNNN	10 ⁽⁵⁾
1655	1821	1500	1525	1678	2288	1350	1270	1905	2286	1100	20G11JD1K5JNONNNNNN	
2240	2464	2000	2070	2277	3105	1750	1730	2595	3114	1650	20G11JD2K0JNONNNNNN	

(1) Light Duty rating only available on Frame 8...10 drives. Light Duty allows 110% overload for 1 minute, and does not have a 3 second overload rating.

(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 Common DC Bus 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.

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

480V 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 91 for 480V, Frame 6...7 IP00, NEMA Type Open drives.

Normal Duty				Heavy Duty				Cat. No. ⁽¹⁾⁽²⁾	Frame Size
Output Amps			Hp	Output Amps			Hp		
Cont.	1 Min.	3 Sec.		Cont.	1 Min.	3 Sec.			
2.1	3.1	3.7	1	2.1	3.1	3.7	1	20G11FD2P1JA0NNNNN	2
3.4	5.1	6.1	2	3.4	5.1	6.1	2	20G11FD3P4JA0NNNNN	
5	7.5	9	3	5	7.5	9	3	20G11FD5P0JA0NNNNN	
8	12	14.4	5	8	12	14.4	5	20G11FD8P0JA0NNNNN	
11	16.5	19.8	7.5	11	16.5	19.8	7.5	20G11FD011JA0NNNNN	
14	15.4	21	10	11	16.5	21	7.5	20G11FD014JA0NNNNN	
22	24.2	33	15	14	24.2	33	15	20G11FD022JA0NNNNN	
27	29.7	40.5	20	22	33	40.5	15	20G11FD027JA0NNNNN	3
34	37.4	51	25	27	40.5	51	20	20G11FD034JA0NNNNN	
40	44	60	30	34	51	61.2	25	20G11FD040JA0NNNNN	
52.0	57.2	78	40	40	60	78	30	20G11FD052JA0NNNNN	4
65.0	71.5	97.5	50	52	78	97.5	40	20G11FD065JA0NNNNN	
77	84.7	116	60	65	97.5	116	50	20G11FD077JA0NNNNN	5
96	106	144	75	77	116	144	60	20G11FD096JA0NNNNN	

(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 Common DC Bus Selection Guide.

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

600V AC, Three-phase Drives

Frames 3, 4, and 5 are only 600V AC drives. Frames 6 and 7 are dual-voltage drives, and can be operated at 600 V or 690V AC.

Important: Frames 3, 4, and 5 must not be used in common DC input-sharing applications with Frames 6 or larger drives. For more details, contact your local Rockwell Automation sales office or your Allen-Bradley distributor.

IP00/IP20, NEMA/UL Type Open⁽¹⁾

Light Duty ⁽²⁾			Normal Duty				Heavy Duty				Cat. No. ⁽³⁾⁽⁴⁾	Frame Size	
Outputs Amp		Hp	Outputs Amp			Hp	Output Amps			Hp			
Cont.	1 Min.		Cont.	1 Min.	3 Sec.		Cont.	1 Min.	3 Sec.				
—	—	—	1.7	1.9	2.6	1	1.7	1.4	2.6	1	20G11NE1P7JAONNNNN	3	
			2.7	3	4.1	2	1.7	2.6	4.1		20G11NE2P7JAONNNNN		
			3.9	4.29	5.85	3	2.7	4.1	5.9	2	20G11NE3P9JAONNNNN		4
			6.1	6.7	9.2	5	3.9	5.9	9.2	3	20G11NE6P1JAONNNNN		
			9	9.9	13.5	7.5	6.1	9.2	13.5	5	20G11NE9P0JAONNNNN		
			11	12.1	16.5	10	9	13.5	16.5	7.5	20G11NE011JAONNNNN		
			17	18.7	25.5	15	11	16.5	25.5	10	20G11NE017JAONNNNN		
			22	24.2	33	20	17	25.5	33	15	20G11NE022JAONNNNN	6	
			27	29.7	40.5	25	22	33	40.5	20	20G11NE027JAONNNNN		
			32	35.2	48	30	27	40.5	48.6	25	20G11NE032JAONNNNN		
			41	45.1	61.5	40	32	48	61.5	30	20G11NE041JAONNNNN	7	
			52	57.2	78	50	41	61.5	78	40	20G11NE052JAONNNNN		
			12	13.2	18	10	9.1	13.7	18	7.5	20G1ANE012JNONNNNN ⁽⁵⁾		
			18	19.8	27	15	12	18	27	10	20G1ANE018JNONNNNN ⁽⁵⁾	8	
			23	25.3	34.5	20	18	27	34.5	15	20G1ANE023JNONNNNN ⁽⁵⁾		
			24	26.4	36	20	22	33	39.6	20	20G1ANE024JNONNNNN ⁽⁵⁾		
			28	30.8	42	25	23	34.5	42	20	20G1ANE028JNONNNNN ⁽⁵⁾	9	
			33	36.3	49.5	30	28	42	50.4	25	20G1ANE033JNONNNNN ⁽⁵⁾		
			42	46.2	63	40	33	49.5	63	30	20G1ANE042JNONNNNN ⁽⁵⁾		
			53	58	80	50	42	63	80	40	20G1ANE053JNONNNNN ⁽⁵⁾	10	
			63	69	95	60	52	78	95	50	20G1ANE063JNONNNNN ⁽⁵⁾		
			77	85	116	75	63	95	116	50	20G1ANE077JNONNNNN ⁽⁵⁾		
			99	109	149	100	77	116	149	60	20G1ANE099JNONNNNN ⁽⁵⁾	11	
			125	138	188	125	99	149	188	75	20G1ANE125JNONNNNN ⁽⁵⁾		
			144	158	216	150	125	188	225	100	20G1ANE144JNONNNNN ⁽⁵⁾		
			192	211	288	200	144	216	288	125	20G1ANE192JNONNNNN ⁽⁵⁾	12	
			242	266	363	250	192	288	363	150	20G1ANE242JNONNNNN ⁽⁵⁾		
			289	318	434	300	242	363	436	200	20G1ANE289JNONNNNN ⁽⁵⁾		

(1) Frames 3...5 are IP20, NEMA/UL Type Open. Frames 6...7 are IP00, NEMA/UL Type Open. Frames 8...10 are IP20, NEMA/UL Type 1. Frames 3...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) Light Duty rating only available on Frame 8...10 drives. Light Duty allows 110% overload for 1 minute, and does not have a 3 second overload rating.

(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 Common DC Bus 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.

(6) The 6th character (designated by an * in this table) determines Enclosure Type and Depth. "B" = IP20, NEMA/UL Type 1, MCC style 600 mm (23.6 in.) deep, and "L" = IP20, NEMA/UL Type 1, MCC style 800 mm (31.5 in.).

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

(table continues on next page)

600V AC, Three-phase Drives (continued)

Frames 3, 4, and 5 are only 600V AC drives. Frames 6 and 7 are dual-voltage drives, and can be operated at 600 V or 690V AC.

Important: Frames 3, 4, and 5 must not be used in common DC input-sharing applications with Frames 6 or larger drives. For more details, contact your local Rockwell Automation sales office or your Allen-Bradley distributor.

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

Light Duty ⁽²⁾			Normal Duty				Heavy Duty				Cat. No. ⁽³⁾⁽⁴⁾	Frame Size
Outputs Amp		Hp	Outputs Amp			Hp	Output Amps			Hp		
Cont.	1 Min.		Cont.	1 Min.	3 Sec.		Cont.	1 Min.	3 Sec.			
355	391	350	295	325	443	300	272	408	490	250	20G1A*E295JNONNNNN ⁽⁶⁾	8 ⁽⁷⁾
395	435	400	355	391	533	350	295	443	531	300	20G1A*E355JNONNNNN ⁽⁶⁾	
435	479	450	395	435	593	400	329	494	592	350	20G1A*E395JNONNNNN ⁽⁶⁾	
460	506	500	435	479	653	450	355	533	639	350	20G1A*E435JNONNNNN ⁽⁶⁾	
510	561	500	460	506	690	500	395	593	711	400	20G1A*E460JNONNNNN ⁽⁶⁾	
545	600	550	510	561	765	500	425	638	765	450	20G1A*E510JNONNNNN ⁽⁶⁾	
690	759	700	595	655	893	600	510	765	918	500	20G11*E595JNONNNNN ⁽⁶⁾	9 ⁽⁷⁾
760	836	800	630	693	945	700	595	893	1071	600	20G11*E630JNONNNNN ⁽⁶⁾	
835	919	900	760	836	1140	800	630	945	1134	700	20G11*E760JNONNNNN ⁽⁶⁾	
900	990	950	825	908	1238	900	700	1050	1260	750	20G11*E825JNONNNNN ⁽⁶⁾	
980	1078	1000	900	990	1350	950	760	1140	1368	800	20G11*E900JNONNNNN ⁽⁶⁾	
1045	1150	1100	980	1078	1470	1000	815	1223	1467	900	20G11*E980JNONNNNN ⁽⁶⁾	
1220	1342	1200	1110	1221	1665	1100	920	1380	1656	1000	20G11*E1K1JNONNNNN ⁽⁶⁾	10 ⁽⁷⁾
1530	1683	1500	1430	1573	2145	1400	1190	1785	2142	1250	20G11*E1K4JNONNNNN ⁽⁶⁾	

(1) Frames 3...5 are IP20, NEMA/UL Type Open. Frames 6...7 are IP00, NEMA/UL Type Open. Frames 8...10 are IP20, NEMA/UL Type 1. Frames 3...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) Light Duty rating only available on Frame 8...10 drives. Light Duty allows 110% overload for 1 minute, and does not have a 3 second overload rating.

(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 Common DC Bus 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.

(6) The 6th character (designated by an * in this table) determines Enclosure Type and Depth. "B" = IP20, NEMA/UL Type 1, MCC style 600 mm (23.6 in.) deep, and "L" = IP20, NEMA/UL Type 1, MCC style 800 mm (31.5 in.).

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

600V AC, Three-phase Drives (continued)

Frames 3, 4, and 5 are only 600V AC drives. Frames 6 and 7 are dual-voltage drives, and can be operated at 600 V or 690V AC.

Important: Frames 3, 4, and 5 must not be used in common DC input-sharing applications with Frames 6 or larger drives. For more details, contact your local Rockwell Automation sales office or your Allen-Bradley distributor.

IP54, NEMA/UL Type 12

Light Duty ⁽¹⁾			Normal Duty				Heavy Duty				Cat. No. ⁽²⁾⁽³⁾	Frame Size
Output Amps		Hp	Output Amps			Hp	Output Amps			Hp		
Cont.	1 Min.		Cont.	1 Min.	3 Sec.		Cont.	1 Min.	3 Sec.			
—	—	—	1.7	1.9	2.6	1	1.7	1.4	2.6	1	20G11GE1P7JA0NNNNNN	3
			2.7	3	4.1	2	1.7	2.6	4.1	1	20G11GE2P7JA0NNNNNN	
			3.9	4.29	5.85	3	2.7	4.1	5.9	2	20G11GE3P9JA0NNNNNN	
			6.1	6.7	9.2	5	3.9	5.9	9.2	3	20G11GE6P1JA0NNNNNN	
			9	9.9	13.5	7.5	6.1	9.2	13.5	5	20G11GE9P0JA0NNNNNN	
			11	12.1	16.5	10	9	13.5	16.5	7.5	20G11GE011JA0NNNNNN	
			17	18.7	25.5	15	11	16.5	25.5	10	20G11GE017JA0NNNNNN	
			22	24.2	33	20	17	25.5	33	15	20G11GE022JA0NNNNNN	
			27	29.7	40.5	25	22	33	40.5	20	20G11GE027JA0NNNNNN	4
			32	35.2	48	30	27	40.5	48.6	25	20G11GE032JA0NNNNNN	
			41	45.1	61.5	40	32.0	48	61.5	30	20G11GE041JA0NNNNNN	5
			12	13.2	18	10	9.1	13.7	18	7.5	20G1AGE012JNONNNNNN ⁽⁴⁾	6
			18	19.8	27	15	12	18	27	10	20G1AGE018JNONNNNNN ⁽⁴⁾	
			23	25.3	34.5	20	18	27	34.5	15	20G1AGE023JNONNNNNN ⁽⁴⁾	
			24	26.4	36	20	22	33	39.6	20	20G1AGE024JNONNNNNN ⁽⁴⁾	
			28	30.8	42	25	23	34.5	42	20	20G1AGE028JNONNNNNN ⁽⁴⁾	
			33	36.3	49.5	30	28	42	50.4	25	20G1AGE033JNONNNNNN ⁽⁴⁾	
			42	46.2	63	40	33	49.5	63	30	20G1AGE042JNONNNNNN ⁽⁴⁾	
			53	58	80	50	42	63	80	40	20G1AGE053JNONNNNNN ⁽⁴⁾	
			63	69	95	60	52	78	95	50	20G1AGE063JNONNNNNN ⁽⁴⁾	
			77	85	116	75	63	95	116	50	20G1AGE077JNONNNNNN ⁽⁴⁾	
			99	109	149	100	77	116	149	60	20G1AGE099JNONNNNNN ⁽⁴⁾	
			125	138	188	125	99	149	188	75	20G1AGE125JNONNNNNN ⁽⁴⁾	
			144	158	216	150	125	188	225	100	20G1AGE144JNONNNNNN ⁽⁴⁾	
			192	211	288	200	144	216	288	125	20G1AGE192JNONNNNNN ⁽⁴⁾	7
			242	266	363	250	192	288	363	150	20G1AGE242JNONNNNNN ⁽⁴⁾	
			289	318	434	300	242	363	436	200	20G1AGE289JNONNNNNN ⁽⁴⁾	

(1) Light Duty rating only available on Frame 8...10 drives. Light Duty allows 110% overload for 1 minute, and does not have a 3 second overload rating.

(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 Common DC Bus 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.

(table continues on next page)

600V AC, Three-phase Drives (continued)

Frames 3, 4, and 5 are only 600V AC drives. Frames 6 and 7 are dual-voltage drives, and can be operated at 600 V or 690V AC.

Important: Frames 3, 4, and 5 must not be used in common DC input-sharing applications with Frames 6 or larger drives. For more details, contact your local Rockwell Automation sales office or your Allen-Bradley distributor.

IP54, NEMA/UL Type 12 (continued)

Light Duty ⁽¹⁾			Normal Duty				Heavy Duty				Cat. No. ⁽²⁾⁽³⁾	Frame Size
Output Amps		Hp	Output Amps			Hp	Output Amps			Hp		
Cont.	1 Min.		Cont.	1 Min.	3 Sec.		Cont.	1 Min.	3 Sec.			
355	391	350	295	325	443	300	272	408	490	250	20G1AJE295JNONNNNN	8 ⁽⁵⁾
395	435	400	355	391	533	350	295	443	531	300	20G1AJE355JNONNNNN	
435	479	450	395	435	593	400	329	494	592	350	20G1AJE395JNONNNNN	
460	506	500	435	479	653	450	355	533	639	350	20G1AJE435JNONNNNN	
510	561	500	460	506	690	500	395	593	711	400	20G1AJE460JNONNNNN	
545	600	550	510	561	765	500	425	638	765	450	20G1AJE510JNONNNNN	
690	759	700	595	655	893	600	510	765	918	500	20G11JE595JNONNNNN	9 ⁽⁵⁾
760	836	800	630	693	945	700	595	893	1071	600	20G11JE630JNONNNNN	
835	919	900	760	836	1140	800	630	945	1134	700	20G11JE760JNONNNNN	
900	990	950	825	908	1238	900	700	1050	1260	750	20G11JE825JNONNNNN	
980	1078	1000	900	990	1350	950	760	1140	1368	800	20G11JE900JNONNNNN	
1045	1150	1100	980	1078	1470	1000	815	1223	1467	900	20G11JE980JNONNNNN	
1220	1342	1200	1110	1221	1665	1100	920	1380	1656	1000	20G11JE1K1JNONNNNN	10 ⁽⁵⁾
1530	1683	1500	1430	1573	2145	1400	1190	1785	2142	1250	20G11JE1K4JNONNNNN	

(1) Light Duty rating only available on Frame 8...10 drives. Light Duty allows 110% overload for 1 minute, and does not have a 3 second overload rating.

(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 Common DC Bus 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.

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

600V AC, Three-phase Drives (continued)

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

Frames 3, 4, and 5 are only 600V AC drives. Frames 6 and 7 are dual-voltage drives, and can be operated at 600 V or 690V AC.

Important: Frames 3, 4, and 5 must not be used in common DC input-sharing applications with Frames 6 or larger drives. For more details, contact your local Rockwell Automation sales office or your Allen-Bradley distributor.

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 (kit 20-750-FLNG4-F6 for Frame 6, and kit 20-750-FLNG4-F7 for Frame 7). See page 95 for 600V, Frame 6...7 IP00, NEMA Type Open drives.

Normal Duty				Heavy Duty				Cat. No. ⁽¹⁾⁽²⁾	Frame Size
Outputs Amp			Hp	Output Amps			Hp		
Cont.	1 Min.	3 Sec.		Cont.	1 Min.	3 Sec.			
1.7	1.9	2.6	1	1.7	1.4	2.6	1	20G11FE1P7JA0NNNNN	3
2.7	3	4.1	2	1.7	2.6	4.1	1	20G11FE2P7JA0NNNNN	
3.9	4.29	5.85	3	2.7	4.1	5.9	2	20G11FE3P9JA0NNNNN	
6.1	6.7	9.2	5	3.9	5.9	9.2	3	20G11FE6P1JA0NNNNN	
9	9.9	13.5	7.5	6.1	9.2	13.5	5	20G11FE9P0JA0NNNNN	
11	12.1	16.5	10	9	13.5	16.5	7.5	20G11FE011JA0NNNNN	
17	18.7	25.5	15	11	16.5	25.5	10	20G11FE017JA0NNNNN	
22	24.2	33	20	17	25.5	33	15	20G11FE022JA0NNNNN	
27	29.7	40.5	25	22	33	40.5	20	20G11FE027JA0NNNNN	4
32	35.2	48	30	27	40.5	48.6	25	20G11FE032JA0NNNNN	
41	45.1	61.5	40	32	48	61.5	30	20G11FE041JA0NNNNN	5
52	57.2	78	50	41	61.5	78.0	40	20G11FE052JA0NNNNN	

(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 Common DC Bus Selection Guide.

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

690V AC, Three-phase Drives

IP00/IP20, NEMA/UL Type Open⁽¹⁾

Light Duty ⁽²⁾			Normal Duty				Heavy Duty				Cat. No. ⁽³⁾⁽⁴⁾	Frame Size
Output Amps		kW	Output Amps			kW	Output Amps			kW		
Cont.	1 Min.		Cont.	1 Min.	3 Sec.		Cont.	1 Min.	3 Sec.			
—	—	—	12	13.2	18	7.5	9	13.5	18	5.5	20G1ANF012JNONNNNN ⁽⁵⁾	6
			15	16.5	22.5	11	12	18	22.5	7.5	20G1ANF015JNONNNNN ⁽⁵⁾	
			20	22	30	15	15	22.5	30	11	20G1ANF020JNONNNNN ⁽⁵⁾	
			23	25.3	34.5	18.5	20	30	36	15	20G1ANF023JNONNNNN ⁽⁵⁾	
			30	33	45	22	23	34.5	45	18.5	20G1ANF030JNONNNNN ⁽⁵⁾	
			34	37.4	51	30	30	45	54	22	20G1ANF034JNONNNNN ⁽⁵⁾	
			46	50.6	69	37	34	51	69	30	20G1ANF046JNONNNNN ⁽⁵⁾	
			50	55	75	45	46	69	83	37	20G1ANF050JNONNNNN ⁽⁵⁾	
			61	67	92	55	50	75	92	45	20G1ANF061JNONNNNN ⁽⁵⁾	
			82	90	123	75	61	92	123	55	20G1ANF082JNONNNNN ⁽⁵⁾	
			98	108	147	90	82	123	148	75	20G1ANF098JNONNNNN ⁽⁵⁾	
			119	131	179	110	98	147	179	90	20G1ANF119JNONNNNN ⁽⁵⁾	
			142	156	213	132	119	179	214	110	20G1ANF142JNONNNNN ⁽⁵⁾	
			171	188	257	160	142	213	257	132	20G1ANF171JNONNNNN ⁽⁵⁾	
			212	233	318	200	171	257	318	160	20G1ANF212JNONNNNN ⁽⁵⁾	
			263	289	395	250	212	318	395	200	20G1ANF263JNONNNNN ⁽⁵⁾	
330	363	315	265	292	398	250	215	323	387	200	20G1A*F265JNONNNNN ⁽⁶⁾	8 ⁽⁷⁾
370	407	355	330	363	495	315	265	398	477	250	20G1A*F330JNONNNNN ⁽⁶⁾	
410	451	400	370	407	555	355	308	462	554	300	20G1A*F370JNONNNNN ⁽⁶⁾	
460	506	450	415	457	623	400	370	555	666	355	20G1A*F415JNONNNNN ⁽⁶⁾	
500	550	500	460	506	690	450	375	563	675	375	20G1A*F460JNONNNNN ⁽⁶⁾	
530	583	530	500	550	750	500	413	620	743	400	20G1A*F500JNONNNNN ⁽⁶⁾	
650	715	630	590	649	885	560	460	690	828	450	20G11*F590JNONNNNN ⁽⁶⁾	9 ⁽⁷⁾
710	781	710	650	715	975	630	500	750	900	500	20G11*F650JNONNNNN ⁽⁶⁾	
790	869	800	710	781	1065	710	590	885	1062	560	20G11*F710JNONNNNN ⁽⁶⁾	
860	946	850	765	842	1148	750	650	975	1170	630	20G11*F765JNONNNNN ⁽⁶⁾	
960	1056	900	795	875	1193	800	750	1125	1350	710	20G11*F795JNONNNNN ⁽⁶⁾	
1020	1122	1000	960	1056	1440	900	795	1193	1431	800	20G11*F960JNONNNNN ⁽⁶⁾	
1150	1265	1100	1040	1144	1560	1000	865	1298	1557	900	20G11*F1K0JNONNNNN ⁽⁶⁾	10 ⁽⁷⁾
1485	1634	1500	1400	1540	2100	1400	1160	1740	2088	1120	20G11*F1K4JNONNNNN ⁽⁶⁾	

(1) Frames 6...7 are IP00, NEMA/UL Type Open. Frames 8...10 are IP20, NEMA/UL Type 1. Frames 6...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) Light Duty rating only available on Frame 8...10 drives. Light Duty allows 110% overload for 1 minute, and does not have a 3 second overload rating.

(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 Common DC Bus 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.

(6) The 6th character (designated by an * in this table) determines Enclosure Type and Depth. "B" = IP20, NEMA/UL Type 1, MCC style 600 mm (23.6 in.) deep, and "L" = IP20, NEMA/UL Type 1, MCC style 800 mm (31.5 in.).

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

690V AC, Three-phase Drives (continued)

IP54, NEMA/UL Type 12

Light Duty ⁽¹⁾			Normal Duty				Heavy Duty				Cat. No. ⁽²⁾⁽³⁾	Frame Size
Output Amps		kW	Output Amps			kW	Output Amps			kW		
Cont.	1 Min.		Cont.	1 Min.	3 Sec.		Cont.	1 Min.	3 Sec.			
—	—	—	12	13.2	18	7.5	9	13.5	18	5.5	20G1AGF012JNONNNNN ⁽⁴⁾	6
			15	16.5	22.5	11	12	18	22.5	7.5	20G1AGF015JNONNNNN ⁽⁴⁾	
			20	22	30	15	15	22.5	30	11	20G1AGF020JNONNNNN ⁽⁴⁾	
			23	25.3	34.5	18.5	20	30	36	15	20G1AGF023JNONNNNN ⁽⁴⁾	
			30	33	45	22	23	34.5	45	18.5	20G1AGF030JNONNNNN ⁽⁴⁾	
			34	37.4	51	30	30	45	54	22	20G1AGF034JNONNNNN ⁽⁴⁾	
			46	50.6	69	37	34	51	69	30	20G1AGF046JNONNNNN ⁽⁴⁾	
			50	55	75	45	46	69	83	37	20G1AGF050JNONNNNN ⁽⁴⁾	
			61	67	92	55	50	75	92	45	20G1AGF061JNONNNNN ⁽⁴⁾	
			82	90	123	75	61	92	123	55	20G1AGF082JNONNNNN ⁽⁴⁾	
			98	108	147	90	82	123	148	75	20G1AGF098JNONNNNN ⁽⁴⁾	
			119	131	179	110	98	147	179	90	20G1AGF119JNONNNNN ⁽⁴⁾	
			142	156	213	132	119	179	214	110	20G1AGF142JNONNNNN ⁽⁴⁾	
			171	188	257	160	142	213	257	132	20G1AGF171JNONNNNN ⁽⁴⁾	
			212	233	318	200	171	257	318	160	20G1AGF212JNONNNNN ⁽⁴⁾	
			263	289	395	250	212	318	395	200	20G1AGF263JNONNNNN ⁽⁴⁾	
330	363	315	265	292	398	250	215	323	387	200	20G1AJF265JNONNNNN	8 ⁽⁵⁾
370	407	355	330	363	495	315	265	398	477	250	20G1AJF330JNONNNNN	
410	451	400	370	407	555	355	308	462	554	300	20G1AJF370JNONNNNN	
460	506	450	415	457	623	400	370	555	666	355	20G1AJF415JNONNNNN	
500	550	500	460	506	690	450	375	563	675	375	20G1AJF460JNONNNNN	9 ⁽⁵⁾
530	583	530	500	550	750	500	413	620	743	400	20G1AJF500JNONNNNN	
650	715	630	590	649	885	560	460	690	828	450	20G11JF590JNONNNNN	
710	781	710	650	715	975	630	500	750	900	500	20G11JF650JNONNNNN	
790	869	800	710	781	1065	710	590	885	1062	560	20G11JF710JNONNNNN	
860	946	850	765	842	1148	750	650	975	1170	630	20G11JF765JNONNNNN	
960	1056	900	795	875	1193	800	750	1125	1350	710	20G11JF795JNONNNNN	10 ⁽⁵⁾
1020	1122	1000	960	1056	1440	900	795	1193	1431	800	20G11JF960JNONNNNN	
1150	1265	1100	1040	1144	1560	1000	865	1298	1557	900	20G11JF1K0JNONNNNN	
1485	1634	1500	1400	1540	2100	1400	1160	1740	2088	1120	20G11JF1K4JNONNNNN	

(1) Light Duty rating only available on Frame 8...10 drives. Light Duty allows 110% overload for 1 minute, and does not have a 3 second overload rating.

(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 Common DC Bus 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.

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

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 100 for 690V, Frame 6...7 IP00, NEMA Type Open drives.

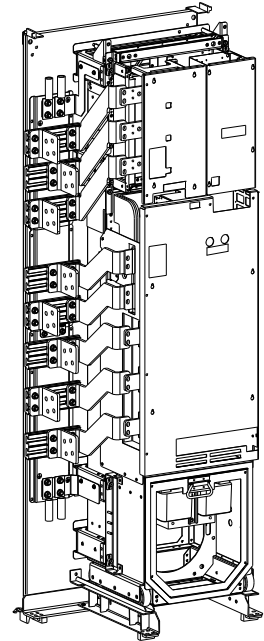
PowerFlex 755 Floor Mount Drives for Open Frame Designs

Floor mount, open frame drives are for applications that require power ranges from 215 kW to 1500kW (250 Hp...2000 Hp) and are contained within an enclosure of your choosing. These drives use the same drive unit(s) as standard IP20 and IP54 product. Open Frame applications can accommodate either AC input or Common Bus DC input systems.

Floor mount, open frame drives can also be horizontally mounted, with derating. Refer to publication [750-IN020](#) for details.

To order an IP00 drive:

1. Using the tables that follow, locate your desired drive output values.
2. Select the Base Drive Catalog Number for your desired output values.
3. Note the Quantity Required.
4. Order the specified quantity (1, 2, or 3) of the Base Drive Catalog Number.
5. Refer to page 130 for option kits and the PowerFlex 755 IP00 NEMA/UL Open Type Drive Installation Instructions, publication [750-IN020](#) for installation details.



380...400V AC, Three-phase and 540V DC Input Drives⁽¹⁾

Light Duty		Normal Duty		Heavy Duty		Base Drive Cat. No. ⁽²⁾	Quantity Required	Equivalent Frame Size
Output Amps	kW	Output Amps	kW	Output Amps	kW			
Cont.		Cont.		Cont.				
540	315	460	250	385	200	20G11TC460JNONNNNN	1	8
585	315	540	315	456	250	20G11TC540JNONNNNN		
612	355	567	315	472	250	20G11TC567JNONNNNN		
750	400	650	355	540	315	20G11TC650JNONNNNN		
796	450	750	400	585	315	20G11TC750JNONNNNN		
832	450	770	400	642	355	20G11TC770JNONNNNN		
1040	560	910	500	750	400	20G11TC460JNONNNNN	2	9
1090	630	1040	560	880	500	20G11TC540JNONNNNN		
1175	710	1090	630	910	500	20G11TC567JNONNNNN		
1465	800	1175	710	1040	560	20G11TC650JNONNNNN		
1480	850	1465	800	1090	630	20G11TC750JNONNNNN		
1600	900	1480	850	1175	710	20G11TC770JNONNNNN		
1715	1000	1590	900	1325	710	20G11TC567JNONNNNN	3	10
2330	1400	2150	1250	1800	1000	20G11TC770JNONNNNN		

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

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

PowerFlex 755 Floor Mount Drives for Open Frame Designs (continued)

480V AC, Three-phase and 650V DC Input Drives⁽¹⁾

Light Duty (-LD)		Normal Duty (-ND)		Heavy Duty (-HD)		Base Drive Cat. No.	Quantity Required	Equivalent Frame Size
Output Amps	Hp	Output Amps	Hp	Output Amps	Hp			
Cont.		Cont.		Cont.				
485	400	430	350	370	300	20G11TD430JNONNNNN	1	8
545	450	485	400	414	350	20G11TD485JNONNNNN		
590	500	545	450	454	350	20G11TD545JNONNNNN		
710	600	617	500	485	400	20G11TD617JNONNNNN		
765	650	710	600	545	450	20G11TD710JNONNNNN		
800	700	740	650	617	500	20G11TD740JNONNNNN		
960	800	800	700	710	600	20G11TD430JNONNNNN	2	9
1045	900	960	800	795	700	20G11TD485JNONNNNN		
1135	1000	1045	900	800	750	20G11TD545JNONNNNN		
1365	1100	1135	1000	960	800	20G11TD617JNONNNNN		
1420	1250	1365	1100	1045	900	20G11TD710JNONNNNN		
1540	1350	1420	1250	1135	1000	20G11TD740JNONNNNN		
1655	1500	1525	1350	1270	1100	20G11TD545JNONNNNN	3	10
2240	2000	2070	1750	1730	1650	20G11TD740JNONNNNN		

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

600V AC, Three-phase and 810V DC Input Drives⁽¹⁾

Light Duty (-LD)		Normal Duty (-ND)		Heavy Duty (-HD)		Base Drive Cat. No.	Quantity Required	Equivalent Frame Size
Output Amps	Hp	Output Amps	Hp	Output Amps	Hp			
Cont.		Cont.		Cont.				
355	350	295	300	272	250	20G11TE295JNONNNNN	1	8
395	400	355	350	295	300	20G11TE355JNONNNNN		
435	450	395	400	329	350	20G11TE395JNONNNNN		
460	500	435	450	355	350	20G11TE435JNONNNNN		
510	500	460	500	395	400	20G11TE460JNONNNNN		
545	550	510	500	425	450	20G11TE510JNONNNNN		
690	700	595	600	510	500	20G11TE295JNONNNNN	2	9
760	800	630	700	595	600	20G11TE355JNONNNNN		
835	900	760	800	630	700	20G11TE395JNONNNNN		
900	950	825	900	700	750	20G11TE435JNONNNNN		
980	1000	900	950	760	800	20G11TE460JNONNNNN		
1045	1100	980	1000	815	900	20G11TE510JNONNNNN		
1220	1200	1110	1100	920	1000	20G11TE395JNONNNNN	3	10
1530	1500	1430	1400	1190	1250	20G11TE510JNONNNNN		

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

PowerFlex 755 Floor Mount Drives for Open Frame Designs (continued)

690V AC, Three-phase and 932V DC Input Drives⁽¹⁾

Light Duty (-LD)		Normal Duty (-ND)		Heavy Duty (-HD)		Base Drive Cat. No. ⁽²⁾	Quantity Required	Equivalent Frame Size
Output Amps	kW	Output Amps	kW	Output Amps	kW			
Cont.		Cont.		Cont.				
330	315	265	250	215	200	20G11TF265JNONNNNN	1	8
370	355	330	315	265	250	20G11TF330JNONNNNN		
410	400	370	355	308	300	20G11TF370JNONNNNN		
460	450	415	400	370	355	20G11TF415JNONNNNN		
500	500	460	450	375	375	20G11TF460JNONNNNN		
530	530	500	500	413	400	20G11TF500JNONNNNN		
650	630	590	560	460	450	20G11TF265JNONNNNN	2	9
710	710	650	630	500	500	20G11TF330JNONNNNN		
790	800	710	710	590	560	20G11TF370JNONNNNN		
860	850	765	750	650	630	20G11TF415JNONNNNN		
960	900	795	800	750	710	20G11TF460JNONNNNN		
1020	1000	960	900	795	800	20G11TF500JNONNNNN		
1150	1100	1040	1000	865	900	20G11TF370JNONNNNN	3	10
1485	1500	1400	1400	1160	1120	20G11TF500JNONNNNN		

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

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

PowerFlex 755 Floor Mount Drives for Open Frame Designs (continued)

Kits listed here provide electrical connection, mounting and ventilation provisions along with the control pod and its corresponding cables for PowerFlex 755 Floor Mount Open Frame designs. Other accessories shown include the rollout cart and EMC cores. Refer to publication [750-IN020](#) for details.

PowerFlex 755 IP00 Option Kits

Description	Required?	Frame 8		Frame 9		Frame 10	
		Cat. No.	Qty.	Cat. No.	Qty.	Cat. No.	Qty.
Field Termination, Converter, AC Input	Recommended	20-750-BUS2-F8	1	20-750-BUS2-F9	1	20-750-BUS2-F10	1
Field Termination, Inverter, AC Output		20-750-BUS3-F8		20-750-BUS3-F9		20-750-BUS3-F10	
Field Termination, Inverter, DC Bus		20-750-BUS4-F8		20-750-BUS4-F9		20-750-BUS4-F10	
Field Termination, DC Input, Common Bus Precharge ⁽¹⁾⁽²⁾		20-750-BUS5-F8		20-750-BUS5-F9		20-750-BUS5-F10	
Pod, Bucket Assembly	Required	20-750-POD1-F8	⁽³⁾	20-750-POD1-F9		20-750-POD1-F8	
Pod, Cable, 24 Volt Supply ⁽⁴⁾		20-750-PH1-F8		20-750-PH2-F9		20-750-PH3-F10	
Cable, Fiber Optic, 560 mm (22 in.) ⁽⁴⁾		20-750-FCBL1-F8		—		—	
Cable, Fiber Optic, 2.8 m (110 in.) ⁽⁴⁾		—		20-750-FCBL1-F10		20-750-FCBL1-F10	
Transceiver, Fiber Optic	Optional	20-750-RPD1-F8	1	SK-R1-FTR1-F8	1	SK-R1-FTR1-F8	2
POD, Remote Mounting Kit				20-750-RPD1-F9		20-750-RPD1-F10	
Mounting Kit, Back Panel				20-750-MNT2-F9		20-750-MNT2-F10	
Mounting Kit, Floor				20-750-MNT3-F9		20-750-MNT3-F10	
Duct, Top Outlet				20-750-DUCT2-F8	2	20-750-DUCT2-F8	3
Duct, Bottom Inlet				20-750-DUCT4-F8		20-750-DUCT4-F8	
Roll-Out Cart				20-750-CART1-F8	1	20-750-CART1-F8	1
Control Power Circuit Breaker ⁽¹⁾				1489-A2D130		1489-A2D130	
Control Power Circuit Breaker Lock ⁽¹⁾				1489-AAL0A	2	1489-AAL0A	3
EMC Core, Converter Input, AC Input				20-750-EMCBUS1-F8		20-750-EMCBUS1-F8	
EMC Core, Inverter Output		20-750-EMCCM1-F8		20-750-EMCCM1-F8		20-750-EMCCM1-F8	

(1) Common DC input drives only.

(2) EMC input cores are included with the 20-750-BUS5-Fx kits.

(3) 24 volt supply cable is included with each Frame 8 drive unit.

(4) 20-750-PH1-Fx and 20-750-FCBL1-Fx kits are used if the Control Pod is mounted in the drive. If the Control Pod is to be remote mounted (up to 23 m or 75 ft away), order a 20-750-RPD1-Fx kit instead.

Power Options for PowerFlex 755 Floor Mount, AC Input Drives

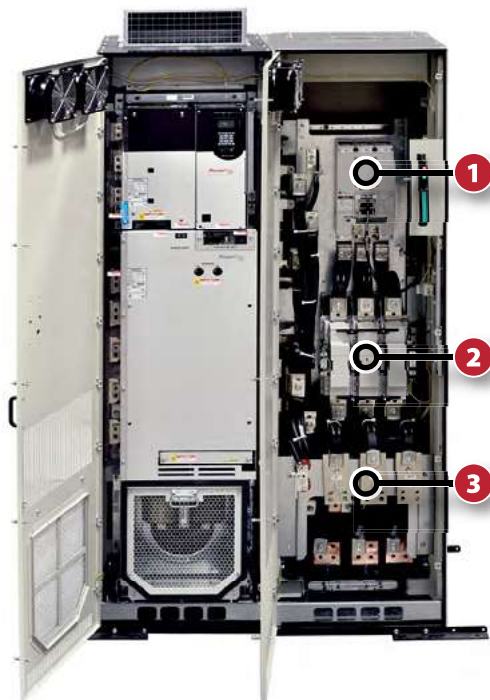
Pre-engineered, factory installed options are available with the PowerFlex 755 floor mount drives, which includes disconnects, reactors, contactors, MCC bus and wiring only bays.

To configure a catalog number for a floor-mount drive with options, perform the following steps:

1. Select the base drive catalog number from the tables on pages 108...111. Drive selection is based on the output amps and corresponding system overload(s) required by the application.
2. Select the duty rating. See the Required Options table on page 107 for duty rating details. For example: 21G1ALC460JN0NNNNN-**LD**.
3. Select the desired enclosure type as described on pages 108...111. For example: 21G1ALC460JN0NNNNN-LD.
4. Select Power Disconnect and/or Wire Only Bay option from the Required Options table. Add the desired option codes to the end of the base drive catalog number, separating each option code with a dash. For example: 21G1ALC460JN0NNNNN-LD-**P3**.
5. Select other options from the Additional Options table on page 107. Add the option code(s) to the end of the drive catalog number separating each code with a dash. For example: 21G1ALC460JN0NNNNN-LD-P3-**P11**.

Note: A 600mm wide cabinet bay is added to the right of the drive cabinet(s) to house the power options. The Wiring Only Bay option (-P14) also adds a 600mm wide cabinet bay to the right of the drive cabinet(s).

Frame 8 with Power Option Bay



Input power landed on line-side of power disconnect.

Frame 9 with Power Option Bay



Input power landed behind circuit breaker, which is accessed by extracting rollout chassis.

1 **Power Disconnect**
Options -P3 or -P5
See Required Options on page 107.

2 **Contactor**
Options -P11 or -P12
See Additional Options on page 107.

3 **Reactor**
Options -L1, -L2, -L3, or -L4
See Additional Options on page 107.

Power Options for PowerFlex 755 Floor Mount, AC Input Drives (continued)

Required Options

Type	Option		Frame	Description
System Overload Duty Cycle ⁽¹⁾⁽²⁾	LD	Light Duty	8...10	100% continuous current, 110% current for 1 minute.
	ND	Normal Duty		100% continuous current, 110% current for 1 minute, 150% for 3 seconds.
	HD	Heavy Duty		100% continuous current, 150% current for 1 minute, 180% for 3 seconds.
Power Disconnect ⁽¹⁾	P3	Input Thermal Magnetic Circuit Breaker	8...10 ⁽³⁾	This option is for disconnecting drive power. An Allen-Bradley 140G Molded Case Circuit Breaker is provided. Frame 8 drives include flange style handle operators that are door interlocking and padlockable. Frame 9 drive circuit breakers are pushbutton actuated with door interlocks and are padlockable.
	P5	Input Non-Fused Molded Case Disconnect Switch	8 Only	This option is for disconnecting drive power. An Allen-Bradley 140G Molded Case Switch is provided. All switches include flange style handle operators that are door interlocking and padlockable. Note: PowerFlex 755 Frame 8 converter modules input fuses installed as standard equipment do not provide branch protection.
Wiring Only Bay	P14	Wiring Only Bay	8...10	This option identifies that an extra bay will be provided for wiring the drive. This option will extend the drive power bus from the drive bay into the option bay, making field connection options more flexible. No drive input protection is supplied with this option selection. If desired, a power option bay with a disconnect option can be added to the wiring bay. Documentation to reflect input disconnection and protection is customer supplied. See page 130 for more information on power cable entry/exit locations.

(1) Only one option of this type may be selected.

(2) See following selection tables for specific rating information.

(3) Frame 10 ordered via Engineered-To-Order (ETO) process.

Additional Options

Type	Option		Applicable Frame	Description
Contactors ⁽⁴⁾⁽⁵⁾	P11	Input Contactor	8 Only	A contactor is provided between the AC line and the drive. The contactor is controlled by customer supplied 120V AC (480V input) or 230V AC (400V input) remote contact closure logic. A terminal block for control is provided for customer use, and is wired to 1 N.O. and 1 N.C. auxiliary contact on the contactor. Important: The P11 option 'Alternate Contact Circuit' is not intended to be used as a Start/Stop circuit.
	P12	Output Contactor		A contactor is provided between the drive output and the motor. The contactor is controlled by customer supplied 120V AC (480V input) or 230V AC (400V input) remote contact closure logic. A terminal block for control is provided for customer use and is wired to 1 N.O. and 1 N.C. auxiliary contact on the contactor. Note: As an alternative to an output contactor, certain safety applications can be satisfied using the PowerFlex 750-Series Safe Torque Off Option Card (Cat. No. 20-750-S). Safe Torque Off is ideal for safety related applications requiring removal of rotational power to the motor without removing power from the drive. Safe Torque Off functionality offers the benefit of quick start-up after a demand on the safety system and helps reduce wear from repetitive start-up. It also provides safety ratings up to and including SIL CL3, PLe, and CAT 3.
Reactors ⁽⁴⁾⁽⁶⁾	L1	3% Input Reactor	8...9	Provides an open core drive input line reactor that mounts inside the power bay option enclosure. Typical impedance is 3%.
	L2	3% Output Reactor		Provides an open core drive output load reactor, which mounts inside the power bay option enclosure. Typical impedance is 3%.
	L3	5% Input Reactor	8 Only	Provides an open core drive input line reactor that mounts inside the power bay option enclosure. Typical impedance is 5%.
	L4	5% Output Reactor		Provides an open core drive output load reactor, which mounts inside the power bay option enclosure. Typical impedance is 5%.
MCC Power Bus ⁽⁴⁾⁽⁷⁾	P20	1250 Amp Bus	8...10	Provides a 1250 Amp MCC Bus.
	P22	2000 Amp Bus		Provides a 2000 Amp MCC Bus.
	P24	3000 Amp Bus		Provides a 3000 Amp MCC Bus.
Auxiliary Power	X1	Auxiliary Transformer	8 Only	Auxiliary transformer providing 500VA. Available as an option on frame 8, IP20 units. This option is standard on all other cabinet configurations.

(4) Only one option of this type may be selected.

(5) Contactor options are not available for systems with MCC power bus.

(6) To accommodate a larger reactor, an 800 mm deep cabinet must be selected for the following Frame 8 drives; C750, C770, D710, D740 at light duty (LD), and C770 at normal-duty (ND).

(7) MCC bus is connected to the line side of the disconnect, as delivered from the factory.

Power Options for PowerFlex 755 Floor Mount, AC Input Drives (continued)

Enclosure Type Selections

Code	Description
B	600 mm deep, IP20/NEMA 1, standard color (RAL 7032)
L	800 mm deep, IP20/NEMA 1, standard color (RAL 7032)
P	800 mm deep, IP20/NEMA 1, with Motor Control Center (MCC) power bus option, standard color (RAL 7032)
W	800 mm deep, IP20/NEMA 1, with MCC power bus option, CENTERLINE 2100 gray (ASA49)
J	800 mm deep, IP54/NEMA 12, standard color (RAL 7032)
K	800 mm deep, IP54/NEMA 12, with MCC power bus option, standard color (RAL 7032)
Y	800 mm deep, IP54/NEMA 12, with MCC power bus option, CENTERLINE 2100 gray (ASA49)

380...400V AC, Three-phase Input Drives⁽¹⁾⁽²⁾

Light Duty (-LD)				Normal Duty (-ND)				Heavy Duty (-HD)				Base Drive Cat. No. ⁽³⁾⁽⁴⁾⁽⁵⁾	Frame Size
Output Amps			kW	Output Amps			kW	Output Amps			kW		
Cont.	1 Min.	3 Sec.		Cont.	1 Min.	3 Sec.		Cont.	1 Min.	3 Sec.			
540	594	—	315	460	506	693	250	385	578	693	200	21G1A*C460JNONNNNN	8
585	644		315	540	594	821	315	456	684	821	250	21G1A*C540JNONNNNN	
612	673		355	567	624	851	315	472	708	851	250	21G1A*C567JNONNNNN	
750	825		400	650	715	975	355	540	810	975	315	21G1A*C650JNONNNNN	
796	876		450	750	825	1125	400	585	878	1125	315	21G1A*C750JNONNNNN	
832	915		450	770	847	1155	400	642	963	1155	355	21G1A*C770JNONNNNN	
1040	1144	—	560	910	1001	1365	500	750	1125	1365	400	21G11*C910JNONNNNN	9
1090	1199		630	1040	1144	1584	560	880	1320	1584	500	21G11*C1K0JNONNNNN	
1175	1293		710	1090	1199	1638	630	910	1365	1638	500	21G11*C1K1JNONNNNN	
1465	1612		800	1175	1293	1872	710	1040	1560	1872	560	21G11*C1K2JNONNNNN	
1480	1628		850	1465	1612	2198	800	1090	1635	2198	630	21G11*C1K4JNONNNNN	
1600	1760		900	1480	1628	2220	850	1175	1763	2220	710	21G11*C1K5JNONNNNN	
1715	1887	—	1000	1590	1749	2385	900	1325	1988	2385	710	21G11*C1K6JNONNNNN	10
2330	2563		1400	2150	2365	3225	1250	1800	2700	3225	1000	21G11*C2K1JNONNNNN	

(1) Contact your local Rockwell Automation sales office or Allen-Bradley distributor for availability.

(2) A Roll-out Cart is required with Frame 8...10 drives to assist with power wiring and cabinet mounting. Refer to page 131.

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

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

(5) The 6th character (designated by an * in this table) determines enclosure type. For that selection, refer to the Enclosure Type Selections table on this page.

Power Options for PowerFlex 755 Floor Mount, AC Input Drives (continued)

Enclosure Type Selections

Code	Description
B	600 mm deep, IP20/NEMA 1, standard color (RAL 7032)
L	800 mm deep, IP20/NEMA 1, standard color (RAL 7032)
P	800 mm deep, IP20/NEMA 1, with Motor Control Center (MCC) power bus option, standard color (RAL 7032)
W	800 mm deep, IP20/NEMA 1, with MCC power bus option, CENTERLINE 2100 gray (ASA49)
J	800 mm deep, IP54/NEMA 12, standard color (RAL 7032)
K	800 mm deep, IP54/NEMA 12, with MCC power bus option, standard color (RAL 7032)
Y	800 mm deep, IP54/NEMA 12, with MCC power bus option, CENTERLINE 2100 gray (ASA49)

480V AC, Three-phase Input Drives⁽¹⁾⁽²⁾

Light Duty			Normal Duty					Heavy Duty				Base Drive Cat. No. ⁽³⁾⁽⁴⁾⁽⁵⁾	Frame Size
Output Amps			Hp	Output Amps			Hp	Output Amps			Hp		
Cont.	1 Min.	3 Sec.		Cont.	1 Min.	3 Sec.		Cont.	1 Min.	3 Sec.			
485	534	—	400	430	473	666	350	370	555	666	300	21G1A*D430JNONNNNN	8
545	600		450	485	534	745	400	414	621	745	350	21G1A*D485JNONNNNN	
590	649		500	545	600	818	450	454	681	818	350	21G1A*D545JNONNNNN	
710	781		600	617	679	926	500	485	728	926	400	21G1A*D617JNONNNNN	
765	842		650	710	781	1065	600	545	818	1065	450	21G1A*D710JNONNNNN	
800	880		700	740	817	1110	650	617	926	1110	500	21G1A*D740JNONNNNN	
960	1056		800	800	880	1278	700	710	1065	1278	600	21G11*D800JNONNNNN	9
1045	1150	900	960	1056	1440	800	795	1193	1440	700	21G11*D960JNONNNNN		
1135	1249	1000	1045	1150	1568	900	800	1200	1568	750	21G11*D1K0JNONNNNN		
1365	1502	1100	1135	1249	1728	1000	960	1440	1728	800	21G11*D1K2JNONNNNN		
1420	1562	1250	1365	1502	2048	1100	1045	1568	2048	900	21G11*D1K3JNONNNNN		
1540	1694	1350	1420	1562	2130	1250	1135	1703	2130	1000	21G11*D1K4JNONNNNN		
1655	1821	1500	1525	1678	2288	1350	1270	1905	2288	1100	21G11*D1K5JNONNNNN	10	
2240	2464	2000	2070	2277	3105	1750	1730	2595	3105	1650	21G11*D2K0JNONNNNN		

(1) Contact your local Rockwell Automation sales office or Allen-Bradley distributor for availability.

(2) A Roll-out Cart is required with Frame 8...10 drives to assist with power wiring and cabinet mounting. Refer to page 131.

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

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

(5) The 6th character (designated by an * in this table) determines enclosure type. For that selection, refer to the Enclosure Type Selections table on this page.

Power Options for PowerFlex 755 Floor Mount, AC Input Drives (continued)

Enclosure Type Selections

Code	Description
B	600 mm deep, IP20/NEMA 1, standard color (RAL 7032)
L	800 mm deep, IP20/NEMA 1, standard color (RAL 7032)
P	800 mm deep, IP20/NEMA 1, with Motor Control Center (MCC) power bus option, standard color (RAL 7032)
W	800 mm deep, IP20/NEMA 1, with MCC power bus option, CENTERLINE 2100 gray (ASA49)
J	800 mm deep, IP54/NEMA 12, standard color (RAL 7032)
K	800 mm deep, IP54/NEMA 12, with MCC power bus option, standard color (RAL 7032)
Y	800 mm deep, IP54/NEMA 12, with MCC power bus option, CENTERLINE 2100 gray (ASA49)

600V AC, Three-phase Input Drives⁽¹⁾⁽²⁾

Light Duty				Normal Duty				Heavy Duty				Base Drive Cat. No. ⁽³⁾⁽⁴⁾⁽⁵⁾	Frame Size
Output Amps			Hp	Output Amps			Hp	Output Amps			Hp		
Cont.	1 Min.	3 Sec.		Cont.	1 Min.	3 Sec.		Cont.	1 Min.	3 Sec.			
355	391	—	350	295	325	490	300	272	408	490	250	21G1A*E295JNONNNNN	8
395	435		400	355	391	533	350	295	443	533	300	21G1A*E355JNONNNNN	
435	479		450	395	435	593	400	329	494	593	350	21G1A*E395JNONNNNN	
460	506		500	435	479	639	450	355	533	639	350	21G1A*E435JNONNNNN	
510	561		500	460	506	711	500	395	593	711	400	21G1A*E460JNONNNNN	
545	600		550	510	561	765	500	425	638	765	450	21G1A*E510JNONNNNN	
690	759	—	700	595	655	918	600	510	765	918	500	21G11*E595JNONNNNN	9
760	836		800	630	693	1071	700	595	893	1071	600	21G11*E630JNONNNNN	
835	919		900	760	836	1140	800	630	945	1140	700	21G11*E760JNONNNNN	
900	990		950	825	908	1260	900	700	1050	1260	750	21G11*E825JNONNNNN	
980	1078		1000	900	990	1368	950	760	1140	1368	800	21G11*E900JNONNNNN	
1045	1150		1100	980	1078	1470	1000	815	1223	1470	900	21G11*E980JNONNNNN	
1220	1342	—	1200	1110	1221	1665	1100	920	1380	1665	1000	21G11*E1K1JNONNNNN	10
1530	1683		1500	1430	1573	2145	1400	1190	1785	2145	1250	21G11*E1K4JNONNNNN	

(1) Contact your local Rockwell Automation sales office or Allen-Bradley distributor for availability.

(2) A Roll-out Cart is required with Frame 8...10 drives to assist with power wiring and cabinet mounting. Refer to page 131.

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

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

(5) The 6th character (designated by an * in this table) determines enclosure type. For that selection, refer to the Enclosure Type Selections table on this page.

Power Options for PowerFlex 755 Floor Mount, AC Input Drives (continued)

Enclosure Type Selections

Code	Description
B	600 mm deep, IP20/NEMA 1, standard color (RAL 7032)
L	800 mm deep, IP20/NEMA 1, standard color (RAL 7032)
P	800 mm deep, IP20/NEMA 1, with Motor Control Center (MCC) power bus option, standard color (RAL 7032)
W	800 mm deep, IP20/NEMA 1, with MCC power bus option, CENTERLINE 2100 gray (ASA49)
J	800 mm deep, IP54/NEMA 12, standard color (RAL 7032)
K	800 mm deep, IP54/NEMA 12, with MCC power bus option, standard color (RAL 7032)
Y	800 mm deep, IP54/NEMA 12, with MCC power bus option, CENTERLINE 2100 gray (ASA49)

690V AC, Three-phase Input Drives⁽¹⁾⁽²⁾

Light Duty				Normal Duty				Heavy Duty				Base Drive Cat. No. ⁽³⁾⁽⁴⁾⁽⁵⁾	Frame Size
Output Amps			kW	Output Amps			kW	Output Amps			kW		
Cont.	1 Min.	3 Sec.		Cont.	1 Min.	3 Sec.		Cont.	1 Min.	3 Sec.			
330	363	—	315	265	292	375	250	215	323	375	200	21G1A*F265JNONNNNN	8
370	407		355	330	363	473	315	265	398	473	250	21G1A*F330JNONNNNN	
410	451		400	370	407	555	355	308	462	555	300	21G1A*F370JNONNNNN	
460	506		450	415	457	639	400	370	555	639	355	21G1A*F415JNONNNNN	
500	550		500	460	506	675	450	375	563	675	375	21G1A*F460JNONNNNN	
530	583		530	500	550	750	500	413	620	750	400	21G1A*F500JNONNNNN	
650	715		630	590	649	885	560	460	690	885	450	21G11*F590JNONNNNN	9
710	781		710	650	715	975	630	500	750	975	500	21G11*F650JNONNNNN	
790	869	800	710	781	1065	710	590	885	1065	560	21G11*F710JNONNNNN		
860	946	850	765	842	1170	750	650	975	1170	630	21G11*F765JNONNNNN		
960	1056	900	795	875	1350	800	750	1125	1350	710	21G11*F795JNONNNNN		
1020	1122	1000	960	1056	1440	900	795	1193	1440	800	21G11*F960JNONNNNN	10	
1150	1265	1100	1040	1144	1560	1000	865	1298	1560	900	21G11*F1K0JNONNNNN		
1485	1634	1500	1400	1540	2100	1400	1160	1740	2100	1120	21G11*F1K4JNONNNNN		

(1) Contact your local Rockwell Automation sales office or Allen-Bradley distributor for availability.

(2) A Roll-out Cart is required with Frame 8...10 drives to assist with power wiring and cabinet mounting. Refer to page 131.

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

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

(5) The 6th character (designated by an * in this table) determines enclosure type. For that selection, refer to the Enclosure Type Selections table on this page.

Connect to a CENTERLINE Motor Control Center (MCC)

To select the splice kit best suited for your application, determine the following.

NOTE: A splice kit contains three splice plates.

1. Are you connecting to a CENTERLINE® 2100 or CENTERLINE 2500 MCC?
2. While facing the front of the PowerFlex 755 drive, decide to which drive side that you want to connect.
3. Are you connecting PowerFlex 755 floor mount drives together, or are you connecting a PowerFlex 755 floor mount drive to a CENTERLINE MCC?

If you are connecting PowerFlex 755 floor mount drives together or if you are connecting a PowerFlex 755 floor mount drive to a CENTERLINE 2500 MCC, then use PowerFlex 755 CENTERLINE 2500 Splice Kits. Otherwise, use PowerFlex 755 CENTERLINE 2100 Splice Kits.

PowerFlex 755 CENTERLINE 2100 Splice Kits

A complete installation requires one transition section and one bus bar splicing kit. Splicing kits include all necessary hardware to complete connection of all three-phases.

Mounting Channel	Busbar Position ⁽¹⁾	Amp Rating	Left-side Kit Cat No.	Right-side Kit Cat No.	Frame
N/A	Transition section ⁽²⁾	N/A	20-750-XSEC-LH-20G	20-750-XSEC-RH-20G	8...10
For use with MCCs that have 1.5 in. mounting channels	Standard	1200	20-750-XBUS-LHNB-1200	20-750-XBUS-RHNB-1200	8...10
		2000	20-750-XBUS-LHNB-2000	20-750-XBUS-RHNB-2000	
		3000	20-750-XBUS-LHNB-3000	20-750-XBUS-RHNB-3000	
	Bumped back	1200	20-750-XBUS-LHBB-1200	20-750-XBUS-RHBB-1200	
		2000	20-750-XBUS-LHBB-2000	20-750-XBUS-RHBB-2000	
		3000	20-750-XBUS-LHBB-3000	20-750-XBUS-RHBB-3000	
For use with MCCs that do not have mounting channels	Standard	1200	20-750-XBUS-LLNB-1200	20-750-XBUS-RLNB-1200	
		2000	20-750-XBUS-LLNB-2000	20-750-XBUS-RLNB-2000	
		3000	20-750-XBUS-LLNB-3000	20-750-XBUS-RLNB-3000	
	Bumped back	1200	20-750-XBUS-LLBB-1200	20-750-XBUS-RLBB-1200	
		2000	20-750-XBUS-LLBB-2000	20-750-XBUS-RLBB-2000	
		3000	20-750-XBUS-LLBB-3000	20-750-XBUS-RLBB-3000	

(1) All busbar positions are 20 in. deep.

(2) Hardware is included to install the optional 1.5 in. mounting channel.

PowerFlex 755 CENTERLINE 2500 Splice Kits

Splicing kits include all necessary hardware to complete connection of all three-phases.

Description	Cat No.	Frame
1200A Splice Kit to connect right side of drive to a CENTERLINE® 2500 cabinet	20-750-MBUSR1-1200	8...10
2000A Splice Kit to connect right side of drive to a CENTERLINE 2500 cabinet	20-750-MBUSR1-2000	
3000A Splice Kit to connect right side of drive to a CENTERLINE 2500 cabinet	20-750-MBUSR1-3200	
1200A Splice Kit to connect multiple Frame 8...10 drives or to connect left side of drive to a CENTERLINE 2500 cabinet	20-750-MBUSL1-1200	
2000A Splice Kit to connect multiple Frame 8...10 drives or to connect left side of drive to a CENTERLINE 2500 cabinet	20-750-MBUSL1-2000	
3000A Splice Kit to connect multiple Frame 8...10 drives or to connect left side of drive to a CENTERLINE 2500 cabinet	20-750-MBUSL1-3200	

PowerFlex 755 Empty Option Bay

This section is for applications that want a PowerFlex 755 floor mount drive and need additional cabinet space. These added cabinets provide an elegant packaging option when expanding a PowerFlex 755, frame 8, 9 or 10 lineup. All Empty Option Bay cabinets match the standard color (RAL 7032) of the PowerFlex 755 Floor Mount Drive. Each Empty Option Bay includes a sub-panel. Reference publication For installation details, see publication [750-IN031](#).

The Right Mount Bus Bar kits listed below can only be installed to the right of a PowerFlex 755 Floor Mount Drive, when facing the front of the drive. If the application requires mounting the Empty Option Bay to the left of the PowerFlex 755 Floor Mount Drive, then the Rear Drive Bus Bar may be installed behind the drive unit(s). Power cabling is landed on the Rear Drive Bus Bars and passed through the cabinet side wall to the Empty Option Bay.

The Option Bay Hardware Kit listed below contains the door handle, an air barrier (for use between cabinets) and a door overlay label. One is required for each option bay.

PowerFlex 755 Empty Option Bay⁽¹⁾

Description	Cat. No.	Frame
Option Bay, 600 mm wide by 600 mm deep, Beige	20-750-PBAY-66	8...10
Option Bay, 800 mm wide by 600 mm deep, Beige	20-750-PBAY-86	
Option Bay, 1200 mm wide by 600 mm deep, Beige	20-750-PBAY-126	
Option Bay, 600 mm wide by 800 mm deep, Beige	20-750-PBAY-68	
Option Bay, 800 mm wide by 800 mm deep, Beige	20-750-PBAY-88	
Option Bay, 1200 mm wide by 800 mm deep, Beige	20-750-PBAY-128	
Option Bay Hardware Kit (one kit is required for each cabinet selected)	20-750-PBAY-HWD-1	
Option Bay Seal Kit, IP54	20-750-PBAY-IP54	
Empty Bay, RH Bus Bar, 975 A Maximum ⁽²⁾	20-750-PBAY-RHBB-975	
Empty Bay, RH Bus Bar, 1235 A Maximum ⁽²⁾	20-750-PBAY-RHBB-1235	
Empty Bay, RH Bus Bar, 1625 A Maximum ⁽²⁾	20-750-PBAY-RHBB-1625	
Empty Bay, RH Bus Bar, 2437 A Maximum ⁽²⁾	20-750-PBAY-RHBB-2437	
Right Mount Bus Bar, Cable Connection, 2-Hole	20-750-PBAY-LBRK-2	
Right Mount Bus Bar, Cable Connection, 4-Hole	20-750-PBAY-LBRK-4	
Right Mount Bus Bar, Installation Kit, 3-Phase Connection ⁽²⁾	20-750-PBAY-INS-3	
Right Mount Bus Bar, Installation Kit, DC Connection ⁽²⁾	20-750-PBAY-INS-2	
Rear Drive Bus Bar, Cable Connection ⁽³⁾	20-750-PBAY-RBRK-2	

(1) Contact your local Rockwell Automation sales office or Allen-Bradley distributor for availability.

(2) Installed to the right of any PowerFlex 755 floor mount drive except a Frame 8 with disconnect (-P3 or -P5 option).

(3) Do not use with a 600 mm deep cabinet (drive enclosure code B).

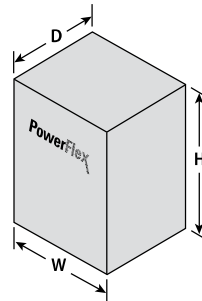


Approximate Dimensions and Weights (Frames 1...7)

Dimensions are in mm (in.) - weights are in kg (lb)

IP00/IP20, NEMA/UL Type Open

Frame	H	W	D	Weight
1	400.5 (15.77)	110 (4.33)	211 (8.31)	6 (12.75)
2	424.2 (16.7)	134.5 (5.3)	212 (8.35)	7.80 (17.2)
3	454 (17.87)	190 (7.48)		11.8 (26.1)
4	474 (18.66)	222 (8.74)		13.6 (30)
5	550 (21.65)	270 (10.63)		20.4 (45)
6	665.5 (26.2)	308 (12.13)	346.4 (13.64)	38.6 (85)
7	881.5 (34.7)	430 (16.93)	349.6 (13.76)	72.6... 108.9 (160...240)



IP54, NEMA/UL Type 12

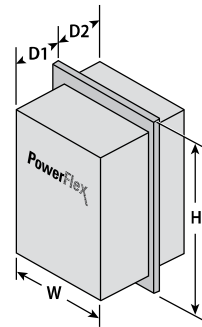
Frame	H	W	D	Weight ⁽¹⁾
2	543.2 (21.39)	215.3 (8.48)	222.2 (8.75)	8 (17)
3	551 (21.69)	268 (10.55)	220.1 (8.67)	12 (26)
4	571 (22.48)	300 (11.81)		14 (30)
5	647 (25.47)	348 (13.7)		20 (45)
6	1298.3 (51.11)	609.4 (24)	464.7 (18.3)	91 (200)
7	1614 (63.54)			162 (357)

(1) Weights are approximate. Refer to [750-TD001](#), the PowerFlex 750-Series Technical Data, for detailed weight information.

Flange Mount

Frame	H	W	D1	D2	Weight ⁽¹⁾
2	481.8 (18.97)	206.2 (8.12)	148.3 (5.84)	63.7 (2.51)	8 (17.0)
3	515 (20.28)	260 (10.24)	127.4 (5.02)	84.6 (3.33)	12 (26.0)
4	535 (21.06)	292 (11.50)			14 (30.0)
5	611 (24.06)	340 (13.39)			20 (45.0)
6	665.5 (26.20)	308 (12.13)	208.4 (8.20)	138 (5.43)	38 (84.0)
7	875 (34.45)	430.0 (16.93)			96 (212.0)

(1) Weights are approximate. Refer to [750-TD001](#), the PowerFlex 750-Series Technical Data, for detailed weight information.

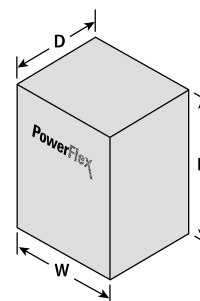


Approximate Dimensions and Weights (Frames 8...10)

Dimensions are in mm (in.) - weights are in kg (lb)

IP20, NEMA/UL Type 1, MCC Style Cabinet

Frame	H	W	D	Weight
8	2453 (96.6)	600 (23.6)	600 (23.6) or 800 (31.5)	623 (1374)
8 with drive and option cabinets		1200 (47.2)		1145 (2525)
9				1246 (2748)
9 with drive and option cabinets		1800 (70.9)	800 (31.5)	2290 (5051)
10			600 (23.6) or 800 (31.5)	1869 (4122)
10 with drive and option cabinets		2400 (94.5)	800 (31.5)	3435 (7576)



IP54, NEMA Type 12, MCC Style Cabinet

Frame	H	W	D	Weight ⁽¹⁾
8	2477 (97.5)	600 (23.6)	800 (31.5) 898 (35.4) with filter	644 (1419)
8 with drive and option cabinets		1200 (47.2)		1166 (2570)
9				1287 (2838)
9 with drive and option cabinets		1800 (70.9)		2332 (5141)
10				1931 (4257)
10 with drive and option cabinets		2400 (94.5)		3498 (7711)

(1) Weights are approximate. Refer to [750-TD001](#), the PowerFlex 750-Series Technical Data, for detailed weight information.

IP00, NEMA/UL Type Open⁽¹⁾

Frame	H	W	D
8	2145 (84.45)	778 (30.63)	425 (16.73)
9		1578 (62.12)	
10		2378 (93.62)	

(1) Refer to [750-TD001](#), the PowerFlex 750-Series Technical Data, for detailed information.

Maximum Component Weights, Frames 8...10

Component	AC Input	Common DC Input
Converter/DC input with precharge	64 (140)	64 (140)
Inverter	222 (490)	165 (363)
Drive assembly (Open, IP00)	286 (630)	229 (504)

PowerFlex 755 Floor Mount Drives Power Wiring Options

The following table describes the cabling options available for each Frame 8...10 drive enclosure. Refer to the PowerFlex 750-Series Technical Data, publication [750-TD001](#) for conduit plate dimensions.

0				X				
Adequate Spacing				Possible – Evaluation is Required		Not Possible – Insufficient Spacing		
Available conduit plates provide adequate spacing for typical cabling.				Available conduit plates must be evaluated to determine if cabling will fit. ⁽¹⁾		Conduit plates are not available for the specified configuration.		
Frame	Enclosure Rating	Enclosure Code	Cabinet Layout	Top Entry/ Top Exit	Top Entry/ Bottom Exit	Bottom Entry/ Top Exit	Bottom Entry/ Bottom Exit	
8	IP20, NEMA/UL Type 1	B	600 mm Drive Cabinet	X		X	0	
		L, P, W	800 mm Drive Cabinet	0		0		
		B	600 mm Drive with Power Option Bay			X	0	
		L, P, W	800 mm Drive with Power Option Bay			0		
		B	600 mm Drive with Wiring Bay					
		L, P, W	800 mm Drive with Wiring Bay					
		B	600 mm Drive with Power Option and Wiring Bays					
		L, P, W	800 mm Drive with Power Option Bay and Wiring Bays					
	IP54, NEMA 12	J, K, Y	800 mm Drive Cabinet	X	X	X		
			800 mm Drive with Power Option Bay			0		0
			800 mm Drive with Wiring Bay					
			800 mm Drive with Power Option Bay and Wiring Bays					
9	IP20, NEMA/UL Type 1	B	600 mm Drive Cabinet	0		0	0	
		L, P, W	800 mm Drive Cabinet					
		B	600 mm Drive with Power Option Bay			X		
		L, P, W	800 mm Drive with Power Option Bay			0		
		B	600 mm Drive with Wiring Bay					
		L, P, W	800 mm Drive with Wiring Bay					
		B	600 mm Drive with Power Option and Wiring Bays					
		L, P, W	800 mm Drive with Power Option Bay and Wiring Bays					
	IP54, NEMA 12	J, K, Y	800 mm Drive Cabinet	X	X	X		
			800 mm Drive with Power Option Bay	0		0		
			800 mm Drive with Wiring Bay					
			800 mm Drive with Power Option Bay and Wiring Bays					

(table continues on next page)