



AC650 Family to AC10 Substitution Guide

Electromechanical and Drives Division



ENGINEERING YOUR SUCCESS.

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AC10 Series Substitution Guide



AC650 to AC10 Part Number Conversion

220 - 240VAC / Single Phase

AC650 Part Number	AC650 Frame	AC10 Part Number	AC10 Frame	HP
650/00F3/230/SNN	1	10G-11-0015-BN	1	0.25
650/00F5/230/SNN	1	10G-11-0025-BN	1	0.5
650/00F7/230/SNN	1	10G-11-0035-BN	1	0.75
650/0001/230/SNN	1	10G-11-0045-BN	1	1
650/0002/230/SNN	2	10G-12-0070-BN	2	2

* Change last character from "N" to "F" to add Filter for both AC650V and AC10

220 - 240VAC / Three Phase

AC650 Part Number	AC650 Frame	AC10 Part Number	AC10 Frame	HP
650/0003/230/SBN	3	10G-32-0100-BN	2	3
650/0005/230/SBN	3	10G-33-0170-BN	3	5

* Change last character from "N" to "F" to add Filter for both AC650V and AC10

* All parts listed include internal brake

360 - 460VAC / Three Phase

AC650 Part Number	AC650 Frame	AC10 Part Number	AC10 Frame	HP
650/00F5/460/SNN	1	10G-41-0010-BN	1	0.5
650/00F7/460/SNN	1	10G-41-0015-BN	1	0.75
650/0001/460/SNN	1	10G-42-0020-BN	2	1
650/0002/460/SNN	2	10G-42-0040-BN	2	2
650/0003/460/SBN	2	10G-42-0065-BN	2	3
650/0005/460/SBN	2	10G-43-0090-BN	2	5
650/0007/460/SBN	3	10G-42-0120-BN	2	7.5
650/0010/460/SBN	3	10G-43-0170-BN	3	10

* Change last character from "N" to "F" to add Filter for both AC650V and AC10

* All parts listed include internal brake

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AC650V to AC10 Part Number Conversion

220 - 240VAC / Single Phase

AC650V Part Number	AC650V Frame	AC10 Part Number	AC10 Frame	HP
650V/00F3/230/RNN	1	10G-11-0025-BN	1	0.3
650V/00F5/230/RNN	1	10G-11-0025-BN	1	0.5
650V/00F7/230/RNN	1	10G-11-0035-BN	1	0.75
650V/0001/230/RNN	1	10G-11-0045-BN	1	1
650V/0002/230/RNN	2	10G-12-0070-BN	2	2

* AC10 0.3 HP offering is the 0.5 HP model

* Change last character from "N" to "F" to add Filter for both AC650V and AC10

220 - 240VAC / Three Phase

AC650V Part Number	AC650V Frame	AC10 Part Number	AC10 Frame	HP
650V/0003/230/RBN	3	10G-32-0100-BN	2	3
650V/0005/230/RBN	3	10G-33-0170-BN	3	5
650V/0007/230/1BN	C	10G-33-0210-BN	4	7.5
650V/0010/230/1BN	C	10G-33-0300-BN	5	10
650V/0015/230/1BN	D	10G-33-0400-BN	5	15
650V/0020/230/1BN	D	10G-33-0550-BN	6	20
650V/0025/230/1BN	D	No Available Cross	NA	25
650V/0030/230/1BN	E	No Available Cross	NA	30
650V/0040/230/CBN	F	No Available Cross	NA	40
650V/0050/230/CBN	F	No Available Cross	NA	50
650V/0060/230/CBN	F	No Available Cross	NA	60

* Change last character from "N" to "F" to add Filter, available on AC650V Frame 3 only

* Change last character from "N" to "F" to add Filter for AC10

* AC650V Units with third to last character "C" are chassis units

* Constant torque (CT) rating

* All parts listed include internal brake

* For AC650V units over 20 HP, please see the AC690+ series

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AC650V to AC10 Part Number Conversion

360 - 460Vac / Three Phase

AC650V Part Number	AC650V Frame	AC10 Part Number	AC10 Frame	HP
650V/00F5/460/RBN	2	10G-41-0010-BN	1	0.5
650V/00F7/460/RBN	2	10G-41-0015-BN	1	0.75
650V/0001/460/RBN	2	10G-42-0020-BN	2	1
650V/0002/460/RBN	2	10G-42-0040-BN	2	2
650V/0003/460/RBN	3	10G-42-0065-BN	2	3
650V/0005/460/RBN	3	10G-43-0090-BN	3	5
650V/0007/460/RBN	3	10G-43-0120-BN	3	7.5
650V/0010/460/RBN	3	10G-44-0170-BN	4	10
650V/0015/460/1BN	C	10G-44-0230-BN	4	15
650V/0020/460/1BN	C	10G-45-0320-BN	5	20
650V/0025/460/1BN	D	10G-45-0380-BN	5	25
650V/0030/460/1BN	D	10G-45-0440-BN	5	30
650V/0040/460/1BN	D	10G-46-0600-BN	6	40
650V/0050/460/1BN	E	10G-47-0750-BN	7	50
650V/0060/460/1BN	E	10G-47-0900-BN	7	60
650V/0075/460/CBN	F	10G-48-1100-BN	8	75
650V/0100/460/CBN	F	10G-48-1500-BN	8	100
650V/0125/460/CBN	F	10G-49-1800-BN	9	125
650V/0150/460/CBN	F	10G-49-2200-BN	9	150

* Change last character from "N" to "F" to add Filter, available on Frames 2 and 3 only

* Change last character from "N" to "F" to add Filter for AC10

* Units with third to last character "C" are chassis units. All others are IP20/NEMA 1

* Constant torque (CT) rating

* All parts listed include internal brake

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AC650G to AC10 Part Number Conversion

220 - 240VAC / Single Phase

AC650G Part Number	AC650G Frame	AC10 Part Number	AC10 Frame	HP
650G-21115010-B01P00-B1	1	10G-11-0025-BN	1	0.3
650G-21122010-B01P00-B1	1	10G-11-0025-BN	1	0.5
650G-21130010-B01P00-B1	1	10G-11-0035-BN	1	0.75
650G-21140010-B01P00-B1	1	10G-11-0045-BN	1	1
650G-21155020-B01P00-B1	2	10G-12-0050-BN	2	1.5
650G-21170020-B01P00-B1	2	10G-12-0070-BN	2	2
650G-21196030-B01P00-B1	3	10G-12-0100-BN	2	3

* Change first "0" after second "-" to "F" for built in EMC filter. On AC10, change "N" to "F" for filtered version.

* All parts listed include internal brake

220 - 240VAC / Three Phase

AC650G Part Number	AC650G Frame	AC10 Part Number	AC10 Frame	HP
650G-23196030-B01P00-B1	3	10G-32-0100-BN	2	3
650G-23212330-B01P00-B1	3	10G-32-0170-BN	2	4
650G-23216430-B01P00-B1	3	10G-32-0170-BN	2	5

* AC10 4 HP offering is the 5 HP model

* Change first "0" after second "-" to "F" for built in EMC filter. On AC10, change "N" to "F" for filtered version

* All parts listed include internal brake

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AC650G to AC10 Part Number Conversion

360 - 460VAC / Three Phase

AC650G Part Number	AC650G Frame	AC10 Part Number	AC10 Frame	HP
650G-43115020-B01P00-B1	2	10G-41-0010-BN	1	0.5
650G-43120020-B01P00-B1	2	10G-41-0015-BN	1	0.75
650G-43125020-B01P00-B1	2	10G-42-0020-BN	2	1
650G-43135020-B01P00-B1	2	10G-42-0030-BN	2	1.5
650G-43145020-B01P00-B1	2	10G-42-0040-BN	2	2
650G-43155020-B01P00-B1	2	10G-42-0065-BN	2	3
650G-43168030-B01P00-B1	3	10G-43-0090-BN	3	4
650G-43190030-B01P00-B1	3	10G-43-0090-BN	3	5
650G-43212030-B01P00-B1	3	10G-43-0120-BN	3	7.5
650G-43216030-B01P00-B1	3	10G-44-0170-BN	4	10

* AC10 4 HP offering is the 5 HP model

* Change first "0" after second "-" to "F" for built in EMC filter. On AC10, change "N" to "F" for filtered version

* All parts listed include internal brake

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AC650S to AC10 Part Number Conversion

220 - 240VAC / Single Phase

AC650S Part Number	AC650S Frame	AC10 Part Number	AC10 Frame	HP
650S-21115010-B01P00-A1	1	10G-11-0025-BN	1	0.3
650S-21122010-B01P00-A1	1	10G-11-0025-BN	1	0.5
650S-21130010-B01P00-A1	1	10G-11-0035-BN	1	0.75
650S-21140010-B01P00-A1	1	10G-11-0045-BN	1	1
650S-21155020-B01P00-A1	2	10G-12-0050-BN	2	1.5
650S-21170020-B01P00-A1	2	10G-12-0070-BN	2	2

*Change first "0" after second "-" to "F" for built in EMC filter. On AC10, change "N" to "F" for filtered version.

*All parts listed include internal brake

220 - 240VAC / Three Phase

AC650S Part Number	AC650S Frame	AC10 Part Number	AC10 Frame	HP
Not available	-	-	-	-

360 - 460VAC / Three Phase

AC650S Part Number	AC650S Frame	AC10 Part Number	AC10 Frame	HP
650S-43115020-B01P00-A1	2	10G-41-0010-BN	1	0.5
650S-43120020-B01P00-A1	2	10G-41-0015-BN	1	0.75
650S-43125020-B01P00-A1	2	10G-42-0020-BN	2	1
650S-43135020-B01P00-A1	2	10G-42-0030-BN	2	1.5
650S-43145020-B01P00-A1	2	10G-42-0040-BN	2	2
650S-43155020-B01P00-A1	2	10G-42-0065-BN	2	3
650S-43168030-B01P00-A1	3	10G-43-0090-BN	3	4
650S-43190030-B01P00-A1	3	10G-43-0090-BN	3	5
650S-43212030-B01P00-A1	3	10G-43-0120-BN	3	7.5
650S-43216030-B01P00-A1	3	10G-44-0170-BN	4	10

* Change first "0" after second "-" to "F" for built in EMC filter. On AC10, change "N" to "F" for filtered version

* AC10 4 HP offering is the 5 HP model

* All parts listed include internal brake

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When considering replacing a 650 family drive with AC10, please confirm that the mounting area available will be sufficient for the equivalent AC10.

- 1) Determine the frame size of the existing 650 family drive from the “Power Rating by Frame Size” table.
- 2) Based on the frame size, its dimensions can be retrieved from the “650 Family Dimensions by Frame Size” table.
- 3) Determine the frame size of the equivalent AC10 drive from the “Power Rating by Frame Size” table.
- 4) Based on the frame size, the AC10 dimensions are listed in the “AC10 Family Dimensions by Frame Size” table.

For your convenience, the “AC10/650 Dimensional Comparison” table shows the difference in physical size.

1 650 Family Power Rating (HP) by Frame Size

Frame	Power Rating (HP)							
	AC650		AC650G		AC650V		AC650S	
	230V	460V	230V	460V	230V	460V	230V	460V
1	.25 - 1	.5 - 1	.3 - 1	-	.3 - 1	-	.3 - 1	.5 - 1
2	2	2 - 5	1.5 - 2	.5 - 3	1.5 - 2	.5 - 2	1.5 - 2	1.5 - 3
3	3 - 5	7.5 - 10	3 - 5	4 - 10	3 - 5	3 - 10		4 - 10
C					7.5/10 - 10/15	10/15 - 20/25		
D					15/20 - 25/25	25/30 - 40/50		
E					30/40	50/60 - 60/75		
F					40/50 - 60/75	75/100 - 150		

2 650 Family Dimensions by Frame Size

Product Family	Frame	Height (in)	Width (in)	Depth (in)	Weight (lb)
650	1	5.40	2.90	5.60	2.00
650	2	7.60	2.90	6.80	3.00
650	3	10.10	3.80	7.70	6.00
650	C	13.70	7.90	8.10	20.50
650	D	17.80	9.90	9.60	38.40
650	E	26.30	10.10	12.20	71.70
650	F	28.90	10.10	13.70	90.40

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3 AC10 Family Power Rating (HP) by Frame Size

Product	Frame	230V	460V
AC10-IP20	1	.25 - 1	.25 - .75
	2	1.5 - 3	1 - 3
	3	5	5 - 7.5
	4	7.5	10 - 15
	5	10 - 15	20 - 30
	6	20	40
	7		50 - 60
	8		75 - 100
	9		125 - 150
	10		200
	11		225 - 250
AC10-IP66	1	.25 - 3	1 - 5
	2		7.5 - 10
	3		15 - 20
	4		25 - 40
	5		50 - 75
	6		100 - 125

4 AC10 Family Dimensions by Frame Size

Product	Frame	Height (in)	Width (in)	Depth (in)	Weight (lb)
AC10-IP20	1	5.43	3.15	5.31	2.76
	2	7.09	4.17	5.91	3.88
	3	9.25	5.43	5.98	3.88
	4	10.43	6.14	6.69	10.80
	5	13.39	8.07	7.71	16.53
	6	17.16	10.43	9.25	37.48
	7	18.90	12.40	9.21	55.12
	8	21.85	14.17	10.43	88.19
	9	24.80	16.14	11.81	121.25
	10	30.12	20.32	12.83	207.24
	11	35.83	22.05	13.46	264.56
AC10-IP66	1	16.22	7.87	7.80	15.87
	2	16.46	9.53	7.80	20.28
	3	18.54	9.53	8.98	26.90
	4	25.59	9.53	12.74	61.73
	5	26.77	12.13	14.90	85.98
	6	30.31	14.57	15.88	147.71

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AC650 - Size Difference

	230V				460V			
HP	Height (in)	Width (in)	Depth (in)	Weight (lb)	Height (in)	Width (in)	Depth (in)	Weight (lb)
0.25	0.03	0.25	(0.29)	0.76	AC10 Only	AC10 Only	AC10 Only	AC10 Only
0.5	0.03	0.25	(0.29)	0.76	0.03	0.25	(0.29)	0.76
0.75	0.03	0.25	(0.29)	0.76	0.03	0.25	(0.29)	0.76
1	0.03	0.25	(0.29)	0.76	1.69	1.27	0.31	1.88
2	(0.51)	1.27	(0.89)	0.88	(0.51)	1.27	(0.89)	0.88
3	(3.01)	0.37	(1.79)	(2.12)	(0.51)	1.27	(0.89)	0.88
5	(0.85)	1.63	(1.72)	(2.12)	1.65	2.53	(0.82)	0.88
7.5	AC10 Only	AC10 Only	AC10 Only	AC10 Only	(0.85)	1.63	(1.72)	(2.12)
10	AC10 Only	AC10 Only	AC10 Only	AC10 Only	0.33	2.34	(1.01)	4.80

Numbers in parentheses indicate negative values...ie (0.5) indicates that the AC10 is 0.5" smaller than the 650 series it is replacing.

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AC650V - Size Difference

	230V				460V			
HP	Height (in)	Width (in)	Depth (in)	Weight (lb)	Height (in)	Width (in)	Depth (in)	Weight (lb)
0.25 (.3 on 230V)	0.03	0.25	(0.29)	0.76	AC10 Only	AC10 Only	AC10 Only	AC10 Only
0.5	0.03	0.25	(0.29)	0.76	(2.17)	0.25	(1.49)	(0.24)
0.75	0.03	0.25	(0.29)	0.76	(2.17)	0.25	(1.49)	(0.24)
1	0.03	0.25	(0.29)	0.76	(0.51)	1.27	(0.89)	0.88
1.5	(0.51)	1.27	(0.89)	0.88	(0.51)	1.27	(0.89)	0.88
2	(0.51)	1.27	(0.89)	0.88	(0.51)	1.27	(0.89)	0.88
3 (4 also on 230V)	(3.01)	0.37	(1.79)	(2.12)	(3.01)	0.37	(1.79)	(2.12)
5	(0.85)	1.63	(1.72)	(2.12)	(0.85)	1.63	(1.72)	(2.12)
7.5	AC10 Only	AC10 Only	AC10 Only	AC10 Only	(0.85)	1.63	(1.72)	(2.12)
10	(0.31)	0.17	(0.39)	(3.97)	0.33	2.34	(1.01)	4.80
15	(0.31)	0.17	(0.39)	(3.97)	(3.27)	(1.76)	(1.41)	(9.70)
20	(0.64)	0.53	(0.35)	(0.92)	(0.31)	0.17	(0.39)	(3.97)
25	650V Only	650V Only	650V Only	650V Only	(0.31)	0.17	(0.39)	(3.97)
30	650V Only	650V Only	650V Only	650V Only	(4.41)	(1.83)	(1.89)	(21.87)
40	650V Only	650V Only	650V Only	650V Only	(0.64)	0.53	(0.35)	(0.92)
50	650V Only	650V Only	650V Only	650V Only	1.10	2.50	(0.39)	16.72
60	650V Only	650V Only	650V Only	650V Only	(7.40)	2.30	(2.99)	(16.58)
75	650V Only	650V Only	650V Only	650V Only	(4.45)	4.07	(1.77)	16.49
100	-	-	-	-	(7.05)	4.07	(3.27)	(2.21)
125	-	-	-	-	(4.10)	6.04	(1.89)	30.85

Numbers in parentheses indicate negative values...ie (0.5) indicates that the AC10 is 0.5" smaller then the 650 series it is replacing.

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AC650G - Size Difference

	230V				460V			
HP	Height (in)	Width (in)	Depth (in)	Weight (lb)	Height (in)	Width (in)	Depth (in)	Weight (lb)
0.25 (.3 @ 230V)	0.03	0.25	(0.29)	0.76	0.03	0.25	(0.29)	0.76
0.5	0.03	0.25	(0.29)	0.76	0.03	0.25	(0.29)	0.76
0.75	0.03	0.25	(0.29)	0.76	0.03	0.25	(0.29)	0.76
1	0.03	0.25	(0.29)	0.76	1.69	1.27	0.31	1.88
1.5	(0.51)	1.27	(0.89)	0.88	(0.51)	1.27	(0.89)	0.88
2	(0.51)	1.27	(0.89)	0.88	(0.51)	1.27	(0.89)	0.88
3 (4 also @ 230V)	(3.01)	0.37	(1.79)	(2.12)	(0.51)	1.27	(0.89)	0.88
5	(0.85)	1.63	(1.72)	(2.12)	(0.85)	1.63	(1.72)	(2.12)
7.5	AC10 Only	AC10 Only	AC10 Only	AC10 Only	(0.85)	1.63	(1.72)	(2.12)
10	AC10 Only	AC10 Only	AC10 Only	AC10 Only	0.33	2.34	(1.01)	4.80

* 3 HP for 650 used in chart, 4 HP moves to Frame 4 vs AC10's Frame 3

Numbers in parentheses indicate negative values...ie (0.5) indicates that the AC10 is 0.5" smaller then the 650 series it is replacing.

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AC650S - Size Difference

	230V				460V			
HP	Height (in)	Width (in)	Depth (in)	Weight (lb)	Height (in)	Width (in)	Depth (in)	Weight (lb)
0.25	0.03	0.25	(0.29)	0.76	AC10 Only	AC10 Only	AC10 Only	AC10 Only
0.5	0.03	0.25	(0.29)	0.76	0.03	0.25	(0.29)	0.76
0.75	0.03	0.25	(0.29)	0.76	0.03	0.25	(0.29)	0.76
1	0.03	0.25	(0.29)	0.76	1.69	1.27	0.31	1.88
1.5	AC10 Only	AC10 Only	AC10 Only	AC10 Only	(0.51)	1.27	(0.89)	0.88
2	AC10 Only	AC10 Only	AC10 Only	AC10 Only	(0.51)	1.27	(0.89)	0.88
3	AC10 Only	AC10 Only	AC10 Only	AC10 Only	(0.51)	1.27	(0.89)	0.88
5	AC10 Only	AC10 Only	AC10 Only	AC10 Only	(0.85)	1.63	(1.72)	(2.12)
7.5	AC10 Only	AC10 Only	AC10 Only	AC10 Only	(0.85)	1.63	(1.72)	(2.12)
10	AC10 Only	AC10 Only	AC10 Only	AC10 Only	0.33	2.34	(1.01)	4.80

Numbers in parentheses indicate negative values...ie (0.5) indicates that the AC10 is 0.5" smaller then the 650 series it is replacing.

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AC10 Overview

Description

AC10 Variable Frequency Drive is a simple, reliable and economical solution to every-day motor control applications requiring speed or torque control within the power range of 0.25 HP to 250 HP, with NEMA 4X indoor/IP66 version available through 20 HP. Having features normally only associated with higher specification drives, including sensorless vector mode, output frequency up to 590 Hz, UL listing, and a full 150% overload at 0.5 Hz for 1 minute, AC10 provides an optimized solution for OEM machine builders looking for a compact, cost-effective drive without compromising on performance. The AC10 is suitable for either AC induction or permanent magnet AC motor designs.

Features

Simplicity

AC10 is designed to reduce the time and effort required to install, setup and commission through its easy to use integrated keypad. Minimal wiring requirements and two easily accessed terminal rails make AC10 fast and simple to install, having you up and running in no time at all. Auto-tuning sensorless vector mode takes AC10 beyond simple V/Hz control allowing users requiring greater dynamic speed or torque control for their application to benefit from the drives enhanced 0.5% speed and 5% torque accuracy.

Reliability

Proven technology and manufacturing techniques ensure AC10 has been engineered and built to deliver consistently outstanding levels of performance day in, day out ensuring maximum uptime and productivity. Thanks to its conformally coated PC boards, AC10 is able to withstand even the most severe class 3C3 environment which many other drives in this class would struggle with, allowing you to operate AC10 with the utmost confidence in more applications. For the ultimate in protection, IP66 rated models are available.



IP20 Model



IP66 Model



Technical Characteristics - Overview

Enclosure	IP20		NEMA 4X indoor/IP66
Power Range	0.25-30 HP (0.2-22 kW)	40-250 HP (30-180 kW)	0.5-20 HP (0.4-15 kW)
Power Supply	220V - 240V $\pm 15\%$ Single Phase 220V - 240V $\pm 15\%$ Three Phase 380V - 480V $+10\%/-15\%$ Three Phase		
Input Frequency	50/60 Hz		
Operating Temperature	0-40 °C		0-50 °C
Analog Inputs	2x (0-10 V, 0-5 V, 0-20 mA, 4-20 mA)		
Analog Outputs	1x (0-10 V, 0-20 mA)	2x (0-10 V, 0-20 mA)	1x (0-10 V, 0-20 mA)
Digital Inputs	5x 24 VDC	8x 24 VDC	5x 24 VDC
Digital Outputs	1x 24 VDC	2x 24 VDC	1x 24 VDC
Relay Output	1x 5 A @230 VAC		

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AC10 Ratings

Power Ratings - IP20



230V Single Phase Input

Part Number	Nominal Power HP kW		Output Current [A]	Frame Size
10G-11-0015-BN	0.25	0.2	1.4	1
10G-11-0025-BN	0.5	0.4	2.4	1
10G-11-0035-BN	0.75	0.55	3.3	1
10G-11-0045-BN	1	0.75	4.3	1
10G-12-0050-BN	1.5	1.1	4.8	2
10G-12-0070-BN	2	1.5	6.7	2
10G-12-0100-BN	3	2.2	9.6	2

230V Three Phase Input

Part Number	Nominal Power HP kW		Output Current [A]	Frame Size
10G-31-0015-BN	0.25	0.2	1.4	1
10G-31-0025-BN	0.5	0.4	2.4	1
10G-31-0035-BN	0.75	0.55	3.3	1
10G-31-0045-BN	1	0.75	4.3	1
10G-32-0050-BN	1.5	1.1	4.8	2
10G-32-0070-BN	2	1.5	6.7	2
10G-32-0100-BN	3	2.2	9.6	2
10G-33-0170-BN	5	4	17	3
10G-34-0210-BN	7.5	5.5	21	4
10G-35-0300-BN	10	7.5	30	5
10G-35-0400-BN	15	11	40	5
10G-36-0500-BN	20	15	55	6

480V Three Phase Input

Part Number	Nominal Power HP kW		Output Current [A]	Frame Size
10G-41-0006-BN	0.25	0.2	0.5	1
10G-41-0010-BN	0.5	0.4	0.9	1
10G-41-0015-BN	0.75	0.55	1.3	1
10G-42-0020-BN	1	0.75	1.7	2
10G-42-0030-BN	1.5	1.1	2.6	2
10G-42-0040-BN	2	1.5	3.5	2
10G-42-0065-BN	3	2.2	5.7	2
10G-43-0090-BN	5	4	7.8	3
10G-43-0120-BN	7.5	5.5	10	3
10G-44-0170-BN	10	7.5	15	4
10G-44-0230-BN	15	11	20	4
10G-45-0320-BN	20	15	28	5
10G-45-0380-BN	25	18.5	33	5
10G-45-0440-BN	30	22	38	5
10G-46-0600-BN	40	30	52	6
10G-47-0750-BN	50	37	65	7
10G-47-0900-BN	60	45	78	7
10G-48-1100-BN	75	55	96	8
10G-48-1500-BN	100	75	130	8
10G-49-1800-BN	125	90	157	9
10G-49-2200-BN	150	110	191	9
10G-410-2650-BN	200	132	230	10
10G-411-3200-BN	225	160	278	11
10G-411-3600-BN	250	180	313	11

Power Ratings - IP66



230V Three Phase Input

Part Number	Nominal Power HP kW		Output Current [A]	Frame Size
16G-11-0025-BN	0.5	0.4	2.4	1
16G-11-0045-BN	1	0.75	4.3	1
16G-11-0070-BN	2	1.5	6.7	1
16G-11-0100-BN	3	2.2	9.6	1

230V Three Phase Input

Part Number	Nominal Power HP kW		Output Current [A]	Frame Size
16G-31-0025-BN	0.5	0.4	2.4	1
16G-31-0045-BN	1	0.75	4.3	1
16G-31-0070-BN	2	1.5	6.7	1
16G-31-0100-BN	3	2.2	9.6	1

480V Three Phase Input

Part Number	Nominal Power HP kW		Output Current [A]	Frame Size
16G-41-0020-BN	1	0.75	1.7	1
16G-41-0040-BN	2	1.5	3.5	1
16G-41-0065-BN	2	2.2	5.7	1
16G-41-0090-BN	5	4	7.8	1
16G-42-0120-BN	7.5	5.5	10	2
16G-42-0170-BN	10	7.5	15	2
16G-43-0230-BN	15	11	20	3
16G-43-0320-BN	20	15	28	3
16G-44-0380-BN	25	18.5	33	4
16G-44-0440-BN	30	22	38	4
16G-44-0600-BN	40	30	52	4
16G-45-0750-BN	50	37	65	5
16G-45-0900-BN	60	45	78	5
16G-45-1100-BN	75	55	96	5
16G-46-1500-BN	100	75	130	6
16G-46-1800-BN	125	90	157	6