

U1000 iQpump Configured Drive

NEMA 3R 480 V (Q1E3) Dimensions and Data

Use Tabs 1 and 2 in [Table 1](#) and Tabs 3 and 4 in [Table 2](#) to determine the correct dimension diagram and schematic diagram depending on drive model and installed options.

Note: Options shown with ☐ indicate that the option is NOT installed.

Options shown with ☒ indicate that the option IS installed.

480 V Model Dimensions

Table 1 480 V Model Dimensions (40 °C)

Model Q1E3	Tab 1			Tab 2		
	Power Option (K) Output Reactor 5% ☐			Power Option (K) Output Reactor 5% ☒		
	Power Option (4) 50 °C Ambient ☐			Power Option (4) 50 °C Ambient ☐		
	Schematic Diagram DS.Q1E3.	Dimension Diagram *1 DD.Q1E.3R.	Wt. (lb)	Schematic Diagram DS.Q1E3.	Dimension Diagram *1 DD.Q1E.3R.	Wt. (lb)
B011	01	W1.01	197	01	W2.01	237
B014	01	W1.01	197	01	W2.01	240
B021	01	W1.01	199	01	W2.01	242
B027	01	W1.01	200	01	W2.01	246
B034	01	W1.01	202	01	W3.01	333
B040	01	W2.01	260	01	W3.01	362
B052	01	W2.01	261	01	W3.01	363
B065	01	W2.01	275	01	W3.01	385
B077	01	W2.01	276	01	W3.01	395
B096	01	W3.01	417	01	W3.01	469
B124	02	W3.01	433	02	W3.01	485
B156	01	F1.02	909	01	F1.02	984
B180	01	F1.02	916	01	F1.02	1009
B240	01	F1.02	1079	01	F1.02	1184
B302	04	F1.01	1590	04	F2.01	1717
B361	04	F1.01	1607	04	F2.01	1803
B414	04	F1.01	1627	04	F2.01	1833
B477	04	F2.02	2185	04	F2.02	2385
B590	04	F2.02	2200	04	F2.02	2440

*1. Refer to [Table 3 Dimension Diagrams](#) for approximate dimensions.

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Table 2 480 V Model Dimensions (50 °C)

Model Q1E3	Tab 3			Tab 4		
	Power Option (K) Output Reactor 5% □			Power Option (K) Output Reactor 5% ☒		
	Power Option (4) 50 °C Ambient ☒			Power Option (4) 50 °C Ambient ☒		
	Schematic Diagram DS.Q1E3.	Dimension Diagram ^{*1} DD.Q1E.3R.	Wt. (lb)	Schematic Diagram DS.Q1E3.	Dimension Diagram ^{*1} DD.Q1E.3R.	Wt. (lb)
B011	01	W1.01	199	01	W2.01	240
B014	01	W1.01	199	01	W2.01	244
B021	01	W2.01	233	01	W2.01	247
B027	01	W2.01	234	01	W2.01	252
B034	01	W2.01	234	02	W3.01	354
B040	02	W2.01	278	02	W3.01	383
B052	02	W2.01	281	02	W4.01	455
B065	02	W2.01	281	02	W4.01	471
B077	02	W4.01	435	02	W4.01	483
B096	02	W4.01	506	02	W4.01	558
B124	02	W4.01	517	03	F1.02	872
B156	03	F1.02	935	03	F1.02	1016
B180	03	F1.02	941	03	F1.02	1040
B240	03	F1.02	956	03	F1.02	1217
B302	04	F1.01	1623	04	F2.01	1757
B361	04	F1.01	1641	04	F2.01	1843
B414	04	F1.01	1659	04	F2.01	1872
B477	04	F2.02	2190	06	F2.02	2590
B590	04	F2.02	2210	06	F2.02	2690

*1. Refer to [Table 3 Dimension Diagrams](#) for approximate dimensions.

Table 3 Dimension Diagrams

Dimension Diagram	Approximate Dimensions (in)		
	H	W	D
DD.Q1E.3R.W1.01	38.0	28.5	20.8
DD.Q1E.3R.W2.01	44.9	31.3	23.2
DD.Q1E.3R.W3.01	54.2	35.0	24.4
DD.Q1E.3R.W4.01	68.2	38.0	24.4
DD.Q1E.3R.F1.01	92.0	41.3	36.5
DD.Q1E.3R.F1.02	92.0	41.3	47.4
DD.Q1E.3R.F2.01	93.5	66.3	48.2
DD.Q1E.3R.F2.02	93.5	66.3	47.5