

**Table 3-3: Wire Gauge and Torque Tightening**

Wire Type: 75°C Copper Only

Catalog Number	Voltage Horsepower (kW)	Max. Current in Amps (Input/Output)	Wire Gauge in AWG (mm <sup>2</sup> )	Torque Rating in kgf-cm [in-lb]
GVX001A1-2	240V, 1 hp (0.7)	11.9 / 5	14 (2.1)	18 [15.6]
GVX002A1-2	240V, 2 hp (1.5)	15.3 / 7	12 (3.3)	18 [15.6]
GVX003A1-2	240V, 3 hp (2.2)	22.0 / 11	10 (5.3)	18 [15.6]
GVX005A1-2	240V, 5 hp (3.7)	20.6 / 17	10 (5.3)	18 [15.6]
GVX007A1-2	240V, 7-1/2 hp (5.5)	26 / 25	8 (8.4)	30 [26.0]
GVX010A1-2	240V, 10 hp (7.5)	34 / 33	8 (8.4)	30 [26.0]
GVX015A1-2	240V, 15 hp (11)	50 / 49	6 (13.3)	30 [26.0]
GVX020A1-2	240V, 20 hp (15)	60 / 65	4 (21.2)	30 [26.0]
GVX025A1-2	240V, 25 hp (18.5)	75 / 75	3 (26.7)	30 [26.0]
GVX030A1-2	240V, 30 hp (22)	90 / 90	2 (33.6)	30 [26.0]
GVX040A1-2	240V, 40 hp (30)	110 / 120	1/0 (53.5)	200 [173.6]
GVX050A1-2	240V, 50 hp (37)	142 / 145	3/0 (85)	200 [173.6]
GVX001A1-4	480V, 1 hp (0.7)	3.2 / 2.7	18 (0.8)	18 [15.6]
GVX002A1-4	480V, 2 hp (1.5)	4.3 / 4.2	18 (0.8)	18 [15.6]
GVX003A1-4	480V, 3 hp (2.2)	5.9 / 5.5	18 (0.8)	18 [15.6]
GVX005A1-4	480V, 5 hp (3.7)	11.2 / 8.5	18 (0.8)	18 [15.6]
GVX007A1-4	480V, 7-1/2 hp (5.5)	19 / 18	10 (5.3)	30 [26.0]
GVX010A1-4	480V, 10 hp (7.5)	25 / 24	8 (8.4)	30 [26.0]
GVX015A1-4	480V, 15 hp (11)	33 / 32	8 (8.4)	30 [26.0]
GVX020A1-4	480V, 20 hp (15)	46 / 38	6 (13.3)	30 [26.0]
GVX025A1-4	480V, 25 hp (18.5)	56 / 45	4 (21.2)	30 [26.0]
GVX030A1-4	480V, 30 hp (22)	70 / 60	3 (26.7)	30 [26.0]
GVX040A1-4	480V, 40 hp (30)	75 / 73	3 (26.7)	57 [49.5]
GVX050A1-4	480V, 50 hp (37)	95 / 91	2 (33.6)	57 [49.5]
GVX060A1-4	480V, 60 hp (45)	110 / 110	1/0 (53.5)	200 [173.6]
GVX075A1-4	480V, 75 hp (55)	150 / 150	3/0 (85)	200 [173.6]
GVX100A1-4	480V, 100 hp (75)	180 / 180	4/0 (107.2)	200 [173.6]
GVX001A1-5	575V, 1 hp (0.7)	1.2 / 1.7	18 (0.8)	18 [15.6]
GVX002A1-5	575V, 2 hp (1.5)	3.1 / 3.5	18 (0.8)	18 [15.6]
GVX003A1-5	575V, 3 hp (2.2)	4.0 / 4.5	18 (0.8)	18 [15.6]
GVX005A1-5	575V, 5 hp (3.7)	8.3 / 7.5	14 (2.1)	18 [15.6]
GVX007A1-5	575V, 7-1/2 hp (5.5)	10.3 / 10	14 (2.1)	30 [26]
GVX010A1-5	575V, 10 hp (7.5)	13.8 / 13.5	12 (3.3)	30 [26]
GVX015A1-5	575V, 15 hp (11)	18.2 / 19	12 (3.3)	30 [26]
GVX020A1-5	575V, 20 hp (15)	22 / 22	10 (5.3)	30 [26]
GVX025A1-5	575V, 25 hp (18.5)	27.7 / 27	8 (8.4)	30 [26]
GVX030A1-5	575V, 30 hp (22)	32 / 34	8 (8.4)	30 [26]
GVX040A1-5	575V, 40 hp (30)	41 / 41	6 (13.3)	58.7 [50.9]
GVX050A1-5	575V, 50 hp (37)	52 / 52	4 (21.2)	58.7 [50.9]
GVX060A1-5	575V, 60 hp (45)	62 / 62	3 (26.7)	58.7 [50.9]
GVX075A1-5	575V, 75 hp (55)	74 / 80	2 (33.6)	200 [173]
GVX100A1-5	575V, 100 hp (75)	91 / 100	1/0 (53.5)	200 [173]