



Submersible Pump in Discharge Tube

AmaCan D / AmaCan P

60 Hz

Motor Catalog



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Motor Catalog AmaCan D / AmaCan P

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Water Applications: Water Transport / Waste Water Transport, Flood Protection

Submersible Pump in Discharge Tubes

AmaCan D/AmaCan P



 This motor catalog is only valid in combination with the current type series booklet.

Designation

Example: AmaCan DB3 600-420 / 130 4 UTG1 IE3

Table 1: Designation key

Code	Description	
AmaCan	Type series	
D	Impeller type	
	D	Open mixed-flow multi-vane impeller
B	Impeller variant	
	A	
	B	
3	Number of vanes	
	2	
	3	
600	Nominal diameter of the discharge tube [mm]	
420	Nominal impeller diameter [mm]	
130	Motor size	
4	Number of motor poles	
UT	Motor version	
	UT, UV, UW	Non-explosion-proof
	XT, XV, XW	Explosion-proof, XP CLASS I, DIV. 1 GROUPS C&D T3
G1	Material variant	
	G1	Gray cast iron, standard material variant
	G2	Gray cast iron, casing wear ring made of stainless steel
	G3	Gray cast iron with Zn anodes, casing wear ring made of stainless steel, shaft made of stainless steel 1.4057
IE3	Motor efficiency classification ¹⁾	
	_2)	No efficiency classification
	IE3	Premium Efficiency
	IE4	Super Premium Efficiency

¹⁾ The IEC 60034-30 standard is not binding for submersible motor pumps. Efficiencies are calculated / determined by analogy with the measurement method specified in IEC 60034-2. The marking is used for submersible motors that achieve efficiency levels similar to those of standardized motors acc. to the IEC 60034-30 standard.

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Designation

Example: AmaCan PA3 400-290 / 15 6 UW G1 IE4

Table 2: Designation key

Code	Description	
AmaCan	Type series	
P	Impeller type	
	P	Propeller
A	Impeller variant	
	A	
3	Number of vanes	
400	Nominal diameter of the discharge tube [mm]	
290	Nominal impeller diameter [mm]	
15	Motor size	
6	Number of motor poles	
UW	Motor version	
	UT, UV, UW	Non-explosion-proof
	XT, XV, XW	Explosion-proof, XP CLASS I, DIV. 1 GROUPS C&D T3
G1	Material variant	
	G1	Gray cast iron, standard material variant
	G3	Gray cast iron with Zn anodes, shaft made of A 276 type 431 stainless steel
IE4	Motor efficiency classification ³⁾	
	- ⁴⁾	No efficiency classification
	IE4	Super Premium Efficiency

³ The IEC 60034-30 standard is not binding for submersible motor pumps. Efficiencies are calculated / determined by analogy with the measurement method specified in IEC 60034-2. The marking is used for submersible motors that achieve efficiency levels similar to those of standardized motors acc. to the IEC 60034-30 standard.

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Asynchronous motor without efficiency classification
AmaCan D/AmaCan P, 4-pole, 380 V, 60 Hz, 3~
Table 3: Motor data, 60 Hz, 3~

Asynchronous motor without efficiency classification

Motor type	Efficiency class	Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _n	LRA I _s	NEMA ⁵⁾	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
								Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
		[hp]	[°F]	[rpm]	[A]	[A]	-	[-]	[-]	[inch]	[-]	[kW]	[A]	[%]	[-]
154UVG	-	20	104	1730	31.4	167	F	1	AWG 11-7+15-5 Rubber-sheathed cable [S1BN8-F]	0.83-0.91	4/4	17.1	31.4	87.0	0.83
											3/4	12.8	24.9	87.2	0.78
											2/4	8.6	19.5	86.6	0.67
											1/4	4.6	15.7	81.7	0.44
154XVG	-	20	104	1730	31.4	167	F	1	AWG 11-7+15-5 Rubber-sheathed cable [S1BN8-F]	0.83-0.91	4/4	17.1	31.4	87.0	0.83
											3/4	12.8	24.9	87.2	0.78
											2/4	8.6	19.5	86.6	0.67
											1/4	4.6	15.7	81.7	0.44
184UVG	-	25	104	1735	39.0	223	G	1	AWG 9-7+15-5 Rubber-sheathed cable [S1BN8-F]	0.94-1.06	4/4	21.1	39.0	88.5	0.82
											3/4	15.8	31.1	88.7	0.77
											2/4	10.7	24.9	87.5	0.65
											1/4	5.5	20.0	84.3	0.42
184XVG	-	25	104	1735	39.0	223	G	1	AWG 9-7+15-5 Rubber-sheathed cable [S1BN8-F]	0.94-1.06	4/4	21.1	39.0	88.5	0.82
											3/4	15.8	31.1	88.7	0.77
											2/4	10.7	24.9	87.5	0.65
											1/4	5.5	20.0	84.3	0.42
214UVG	-	30	104	1750	45.5	264	G	1	AWG 9-7+15-5 Rubber-sheathed cable [S1BN8-F]	0.94-1.06	4/4	25.1	45.5	89.0	0.84
											3/4	18.8	36.6	89.4	0.78
											2/4	12.7	29.5	88.4	0.65
											1/4	6.7	24.9	83.2	0.41
214XVG	-	30	104	1750	45.5	264	G	1	AWG 9-7+15-5 Rubber-sheathed cable [S1BN8-F]	0.94-1.06	4/4	25.1	45.5	89.0	0.84
											3/4	18.8	36.6	89.4	0.78
											2/4	12.7	29.5	88.4	0.65
											1/4	6.7	24.9	83.2	0.41
224UVG	-	30	104	1752	47.7	243	F	1 +1	AWG 7-4 AWG 15-8 Rubber-sheathed cable [S1BN8-F]	0.72-0.77 0.56-0.60	4/4	25.1	47.7	89.0	0.80
											3/4	18.8	38.0	89.3	0.75
											2/4	12.7	30.5	88.3	0.63
											1/4	6.8	25.7	82.7	0.40
224XVG	-	30	104	1752	47.7	243	F	1 +1	AWG 7-4 AWG 15-8 Rubber-sheathed cable [S1BN8-F]	0.72-0.77 0.56-0.60	4/4	25.1	47.7	89.0	0.80
											3/4	18.8	38.0	89.3	0.75
											2/4	12.7	30.5	88.3	0.63
											1/4	6.8	25.7	82.7	0.40
304UVG	-	37	104	1755	58.3	315	G	1 +1	AWG 5-4 AWG 15-8 Rubber-sheathed cable [S1BN8-F]	0.89-0.94 0.56-0.60	4/4	30.7	58.3	89.9	0.80
											3/4	23.0	47.2	90.1	0.74
											2/4	15.5	37.4	88.9	0.63
											1/4	8.3	31.5	83.4	0.40
304XVG	-	37	104	1755	58.3	315	G	1 +1	AWG 5-4 AWG 15-8 Rubber-sheathed cable [S1BN8-F]	0.89-0.94 0.56-0.60	4/4	30.7	58.3	89.9	0.80
											3/4	23.0	47.2	90.1	0.74
											2/4	15.5	37.4	88.9	0.63
											1/4	8.3	31.5	83.4	0.40
344UVG	-	45	104	1758	67.5	392	G	1 +1	AWG 5-4 AWG 15-8 Rubber-sheathed cable [S1BN8-F]	0.89-0.94 0.56-0.60	4/4	36.9	67.5	91.0	0.83
											3/4	27.6	52.4	91.2	0.80
											2/4	18.7	40.1	89.6	0.71
											1/4	9.7	30.9	86.1	0.48
344XVG	-	45	104	1758	67.5	392	G	1 +1	AWG 5-4 AWG 15-8 Rubber-sheathed cable [S1BN8-F]	0.89-0.94 0.56-0.60	4/4	36.9	67.5	91.0	0.83
											3/4	27.6	52.4	91.2	0.80
											2/4	18.7	40.1	89.6	0.71
											1/4	9.7	30.9	86.1	0.48
404UVG	-	54	104	1758	82.0	484	G	1 +1	AWG 3-4 AWG 15-8 Rubber-sheathed cable [S1BN8-F]	1.06-1.13 0.56-0.60	4/4	44.2	82.0	91.1	0.82
											3/4	33.1	64.4	91.3	0.78
											2/4	22.5	50.1	89.7	0.68
											1/4	11.7	39.5	86.1	0.45

⁵ NEMA Code Letter

Motor type	Efficiency class	Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _h	LRA I _s	NEMA ⁵⁾	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
		[hp]	[°F]	[rpm]	[A]	[A]	-	Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
								[-]	[-]	[inch]	[-]	[kW]	[A]	[%]	[-]
404XVG	-	54	104	1758	82.0	484	G	1 +1	AWG 3-4 AWG 15-8 Rubber-sheathed cable [S1BN8-F]	1.06-1.13 0.56-0.60	4/4 3/4 2/4 1/4	44.2 33.1 22.5 11.7	82.0 64.4 50.1 39.5	91.1 91.3 89.7 86.1	0.82 0.78 0.68 0.45
704UTG	-	95	104	1765	140	869	G	2 +1	AWG 3-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.06-1.13 0.63-0.67	4/4 3/4 2/4 1/4	78.3 58.8 40.0 21.1	140 109 84 61	90.5 90.3 88.5 84.0	0.85 0.82 0.73 0.53
704XTG	-	95	104	1765	140	869	G	2 +1	AWG 3-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.06-1.13 0.63-0.67	4/4 3/4 2/4 1/4	78.3 58.8 40.0 21.1	140 109 84 61	90.5 90.3 88.5 84.0	0.85 0.82 0.73 0.53
904UTG	-	120	104	1772	177	1237	H	2 +1	AWG 1-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.19-1.27 0.63-0.67	4/4 3/4 2/4 1/4	97.6 73.4 49.9 26.5	177 139 107 80	91.7 91.5 89.7 84.5	0.84 0.80 0.71 0.50
904XTG	-	120	104	1772	177	1237	H	2 +1	AWG 1-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.19-1.27 0.63-0.67	4/4 3/4 2/4 1/4	97.6 73.4 49.9 26.5	177 139 107 80	91.7 91.5 89.7 84.5	0.84 0.80 0.71 0.50
1054UTG	-	140	104	1772	205	1498	H	2 +1	AWG 1/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.37-1.45 0.63-0.67	4/4 3/4 2/4 1/4	113 85 58 31	205 165 126 97	92.2 91.7 90.2 85.0	0.84 0.79 0.70 0.48
1054XTG	-	140	104	1772	205	1498	H	2 +1	AWG 1/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.37-1.45 0.63-0.67	4/4 3/4 2/4 1/4	113 85 58 31	205 165 126 97	92.2 91.7 90.2 85.0	0.84 0.79 0.70 0.48
1304UTG	-	175	104	1768	249	1644	G	2 +1	AWG 1/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.37-1.45 0.63-0.67	4/4 3/4 2/4 1/4	141 106 72 37	249 195 143 100	92.4 92.0 91.3 87.7	0.86 0.83 0.76 0.56
1304XTG	-	175	104	1768	249	1644	G	2 +1	AWG 1/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.37-1.45 0.63-0.67	4/4 3/4 2/4 1/4	141 106 72 37	249 195 143 100	92.4 92.0 91.3 87.7	0.86 0.83 0.76 0.56
1504UTG	-	200	104	1780	274	1976	H	2 +1	AWG 3/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.52-1.64 0.63-0.67	4/4 3/4 2/4 1/4	160 121 82 43	274 211 156 109	93.0 92.6 90.9 86.5	0.89 0.87 0.80 0.60
1504XTG	-	200	104	1780	274	1976	H	2 +1	AWG 3/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.52-1.64 0.63-0.67	4/4 3/4 2/4 1/4	160 121 82 43	274 211 156 109	93.0 92.6 90.9 86.5	0.89 0.87 0.80 0.60
1704UTG	-	230	104	1780	318	2291	H	4 +1	AWG 3-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.06-1.13 0.63-0.67	4/4 3/4 2/4 1/4	184 139 94 49	318 249 183 132	93.1 92.4 91.2 87.0	0.88 0.85 0.78 0.57
1704XTG	-	230	104	1780	318	2291	H	4 +1	AWG 3-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.06-1.13 0.63-0.67	4/4 3/4 2/4 1/4	184 139 94 49	318 249 183 132	93.1 92.4 91.2 87.0	0.88 0.85 0.78 0.57
1904UTG	-	255	104	1780	347	2606	H	4 +1	AWG 1-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.19-1.27 0.63-0.67	4/4 3/4 2/4 1/4	203 153 104 54	347 276 200 139	93.5 93.3 91.7 87.9	0.89 0.84 0.79 0.59

Motor type	Efficiency class	Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _n	LRA I _s	NEMA ⁵⁾	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
								Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
		[hp]	[°F]	[rpm]	[A]	[A]	-	[-]	[-]	[inch]	[-]	[kW]	[A]	[%]	[-]
1904XTG	-	255	104	1780	347	2606	H	4 +1	AWG 1-4	1.19-1.27 0.63-0.67	4/4	203	347	93.5	0.89
									AWG 15-10		3/4	153	276	93.3	0.84
									Rubber-sheathed cable		2/4	104	200	91.7	0.79
									[S1BN8-F]		1/4	54	139	87.9	0.59
2154UTG	-	290	104	1781	398	3067	H	4 +1	AWG 1-4	1.19-1.27 0.63-0.67	4/4	231	398	93.6	0.88
									AWG 15-10		3/4	174	311	93.3	0.85
									Rubber-sheathed cable		2/4	118	236	91.8	0.76
									[S1BN8-F]		1/4	62	171	87.8	0.55
2154XTG	-	290	104	1781	398	3067	H	4 +1	AWG 1-4	1.19-1.27 0.63-0.67	4/4	231	398	93.6	0.88
									AWG 15-10		3/4	174	311	93.3	0.85
									Rubber-sheathed cable		2/4	118	236	91.8	0.76
									[S1BN8-F]		1/4	62	171	87.8	0.55

AmaCan D/AmaCan P, 6-pole, 380 V, 60 Hz, 3~
Table 4: Motor data, 60 Hz, 3~

Asynchronous motor without efficiency classification

Motor type	Efficiency class	Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _h	LRA I _s	NEMA ⁵⁾	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
		[hp]	[°F]	[rpm]	[A]	[A]	-	Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
								[-]	[-]	[inch]	[-]	[kW]	[A]	[%]	[-]
76UVG	-	10	104	1156	17.6	97	H	1	AWG 15-12 Rubber-sheathed cable [SiBN8-F]	0.65-0.69	4/4 3/4 2/4 1/4	8.77 6.56 4.42 2.34	17.6 14.3 12.0 10.4	85.0 85.2 84.4 79.8	0.76 0.70 0.56 0.34
76XVG	-	10	104	1156	17.6	97	H	1	AWG 15-12 Rubber-sheathed cable [SiBN8-F]	0.65-0.69	4/4 3/4 2/4 1/4	8.77 6.56 4.42 2.34	17.6 14.3 12.0 10.4	85.0 85.2 84.4 79.8	0.76 0.70 0.56 0.34
116UVG	-	15	104	1156	26.4	133	G	1	AWG 11-7+15-5 Rubber-sheathed cable [SiBN8-F]	0.83-0.91	4/4 3/4 2/4 1/4	13.2 9.9 6.7 3.7	26.4 21.4 18.2 15.9	84.8 85.0 83.6 76.6	0.76 0.70 0.56 0.35
116XVG	-	15	104	1156	26.4	133	G	1	AWG 11-7+15-5 Rubber-sheathed cable [SiBN8-F]	0.83-0.91	4/4 3/4 2/4 1/4	13.2 9.9 6.7 3.7	26.4 21.4 18.2 15.9	84.8 85.0 83.6 76.6	0.76 0.70 0.56 0.35
186UVG	-	25	104	1151	42.0	235	G	1 +1	AWG 7-4 AWG 15-8 Rubber-sheathed cable [SiBN8-F]	0.72-0.77 0.56-0.60	4/4 3/4 2/4 1/4	21.8 16.3 11.1 5.8	42.0 35.0 28.7 24.0	85.4 85.6 83.8 79.7	0.79 0.71 0.59 0.37
186XVG	-	25	104	1151	42.0	235	G	1 +1	AWG 7-4 AWG 15-8 Rubber-sheathed cable [SiBN8-F]	0.72-0.77 0.56-0.60	4/4 3/4 2/4 1/4	21.8 16.3 11.1 5.8	42.0 35.0 28.7 24.0	85.4 85.6 83.8 79.7	0.79 0.71 0.59 0.37
256UVG	-	33	104	1163	49.5	277	F	1 +1	AWG 7-4 AWG 15-8 Rubber-sheathed cable [SiBN8-F]	0.72-0.77 0.56-0.60	4/4 3/4 2/4 1/4	27.4 20.6 13.8 7.1	49.5 38.5 28.8 21.5	89.8 89.8 88.9 86.6	0.84 0.81 0.73 0.50
256XVG	-	33	104	1163	49.5	277	F	1 +1	AWG 7-4 AWG 15-8 Rubber-sheathed cable [SiBN8-F]	0.72-0.77 0.56-0.60	4/4 3/4 2/4 1/4	27.4 20.6 13.8 7.1	49.5 38.5 28.8 21.5	89.8 89.8 88.9 86.6	0.84 0.81 0.73 0.50
306UVG	-	40	104	1159	61.0	333	F	1 +1	AWG 5-4 AWG 15-8 Rubber-sheathed cable [SiBN8-F]	0.89-0.94 0.56-0.60	4/4 3/4 2/4 1/4	33.3 25.2 17.3 9.0	61.0 47.9 37.6 28.4	89.5 88.7 86.0 82.9	0.83 0.80 0.70 0.48
306XVG	-	40	104	1159	61.0	333	F	1 +1	AWG 5-4 AWG 15-8 Rubber-sheathed cable [SiBN8-F]	0.89-0.94 0.56-0.60	4/4 3/4 2/4 1/4	33.3 25.2 17.3 9.0	61.0 47.9 37.6 28.4	89.5 88.7 86.0 82.9	0.83 0.80 0.70 0.48
356UVG	-	47	104	1161	72.5	414	G	1 +1	AWG 3-4 AWG 15-8 Rubber-sheathed cable [SiBN8-F]	1.06-1.13 0.56-0.60	4/4 3/4 2/4 1/4	39.1 29.7 20.3 10.6	72.5 58.6 46.0 35.8	89.6 88.6 86.4 82.6	0.82 0.77 0.67 0.45
356XVG	-	47	104	1161	72.5	414	G	1 +1	AWG 3-4 AWG 15-8 Rubber-sheathed cable [SiBN8-F]	1.06-1.13 0.56-0.60	4/4 3/4 2/4 1/4	39.1 29.7 20.3 10.6	72.5 58.6 46.0 35.8	89.6 88.6 86.4 82.6	0.82 0.77 0.67 0.45
406UVG	-	54	104	1160	82.2	460	G	1 +1	AWG 3-4 AWG 15-8 Rubber-sheathed cable [SiBN8-F]	1.06-1.13 0.56-0.60	4/4 3/4 2/4 1/4	44.9 34.0 23.3 12.5	82.2 65.4 56.2 41.4	89.7 88.8 86.5 80.4	0.83 0.79 0.63 0.46
406XVG	-	54	104	1160	82.2	460	G	1 +1	AWG 3-4 AWG 15-8 Rubber-sheathed cable [SiBN8-F]	1.06-1.13 0.56-0.60	4/4 3/4 2/4 1/4	44.9 34.0 23.3 12.5	82.2 65.4 56.2 41.4	89.7 88.8 86.5 80.4	0.83 0.79 0.63 0.46
476UTG	-	60	104	1180	86.8	529	G	2 +1	AWG 7-4 AWG 15-10 Rubber-sheathed cable [SiBN8-F]	0.72-0.77 0.63-0.67	4/4 3/4 2/4 1/4	50.3 37.8 25.7 13.9	86.8 66.8 49.4 35.2	89.0 88.8 87.2 80.4	0.88 0.86 0.79 0.60

Motor type	Efficiency class	Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _h	LRA I _s	NEMA ⁵⁾	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
		[hp]	[°F]	[rpm]	[A]	[A]	-	Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
								[-]	[-]	[inch]	[-]	[kW]	[A]	[%]	[-]
476XTG	-	60	104	1180	86.8	529	G	2 +1	AWG 7-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	0.72-0.77 0.63-0.67	4/4 3/4 2/4 1/4	50.3 37.8 25.7 13.9	86.8 66.8 49.4 35.2	89.0 88.8 87.2 80.4	0.88 0.86 0.79 0.60
606UTG	-	80	104	1179	122	707	G	2 +1	AWG 5-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	0.89-0.94 0.63-0.67	4/4 3/4 2/4 1/4	67.3 50.6 34.1 18.4	122 96 74 57	88.7 88.4 87.4 80.9	0.84 0.80 0.70 0.49
606XTG	-	80	104	1179	122	707	G	2 +1	AWG 5-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	0.89-0.94 0.63-0.67	4/4 3/4 2/4 1/4	67.3 50.6 34.1 18.4	122 96 74 57	88.7 88.4 87.4 80.9	0.84 0.80 0.70 0.49
806UTG	-	100	104	1179	144	843	F	2 +1	AWG 3-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.06-1.13 0.63-0.67	4/4 3/4 2/4 1/4	82.7 62.1 41.9 22.3	144 113 84 62	90.2 90.1 89.0 83.8	0.87 0.84 0.76 0.55
806XTG	-	100	104	1179	144	843	F	2 +1	AWG 3-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.06-1.13 0.63-0.67	4/4 3/4 2/4 1/4	82.7 62.1 41.9 22.3	144 113 84 62	90.2 90.1 89.0 83.8	0.87 0.84 0.76 0.55
1006UTG	-	135	104	1180	192	1111	F	2 +1	AWG 1-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.19-1.27 0.63-0.67	4/4 3/4 2/4 1/4	112 84 57 30	192 151 116 92	90.3 90.1 88.9 83.6	0.88 0.84 0.74 0.50
1006XTG	-	135	104	1180	192	1111	F	2 +1	AWG 1-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.19-1.27 0.63-0.67	4/4 3/4 2/4 1/4	112 84 57 30	192 151 116 92	90.3 90.1 88.9 83.6	0.88 0.84 0.74 0.50
1206UTG	-	154	104	1180	219	1379	G	2 +1	AWG 1/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.37-1.45 0.63-0.67	4/4 3/4 2/4 1/4	127 95 64 34	219 174 138 109	90.6 90.5 89.2 83.7	0.88 0.83 0.71 0.48
1206XTG	-	154	104	1180	219	1379	G	2 +1	AWG 1/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.37-1.45 0.63-0.67	4/4 3/4 2/4 1/4	127 95 64 34	219 174 138 109	90.6 90.5 89.2 83.7	0.88 0.83 0.71 0.48
1556UTG	-	200	104	1185	271	1815	G	2 +1	AWG 3/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.52-1.64 0.63-0.67	4/4 3/4 2/4 1/4	161 120 81 42	271 208 157 119	92.8 92.9 92.3 88.6	0.90 0.88 0.78 0.54
1556XTG	-	200	104	1185	271	1815	G	2 +1	AWG 3/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.52-1.64 0.63-0.67	4/4 3/4 2/4 1/4	161 120 81 42	271 208 157 119	92.8 92.9 92.3 88.6	0.90 0.88 0.78 0.54
1806UTG	-	240	104	1180	333	2098	G	4 +1	AWG 1-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.19-1.27 0.63-0.67	4/4 3/4 2/4 1/4	193 144 97 50	333 258 185 128	92.9 93.1 92.6 89.6	0.88 0.85 0.79 0.59
1806XTG	-	240	104	1180	333	2098	G	4 +1	AWG 1-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.19-1.27 0.63-0.67	4/4 3/4 2/4 1/4	193 144 97 50	333 258 185 128	92.9 93.1 92.6 89.6	0.88 0.85 0.79 0.59
2056UTG	-	275	104	1185	395	2690	H	4 +1	AWG 1-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.19-1.27 0.63-0.67	4/4 3/4 2/4 1/4	221 166 111 58	395 311 235 180	93.0 92.9 92.3 88.4	0.85 0.81 0.72 0.49
2056XTG	-	275	104	1185	395	2690	H	4 +1	AWG 1-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.19-1.27 0.63-0.67	4/4 3/4 2/4 1/4	221 166 111 58	395 311 235 180	93.0 92.9 92.3 88.4	0.85 0.81 0.72 0.49
2506UTG	-	335	104	1190	454	2633	F	4 +1	AWG 1/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.37-1.45 0.63-0.67	4/4 3/4 2/4 1/4	269 202 135 71	454 349 248 166	93.0 92.9 92.3 88.3	0.90 0.88 0.83 0.65

Motor type	Efficiency class	Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _n	LRA I _s	NEMA ⁵⁾	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
		[hp]	[°F]	[rpm]	[A]	[A]	-	Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
								[-]	[-]	[inch]	[-]	[kW]	[A]	[%]	[-]
2506XTG	-	335	104	1190	454	2633	F	4 +1	AWG 1/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.37-1.45 0.63-0.67	4/4 3/4 2/4 1/4	269 202 135 71	454 349 248 166	93.0 92.9 92.3 88.3	0.90 0.88 0.83 0.65
2906UTG	-	389	104	1191	524	3249	F	4 +1	AWG 3/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.52-1.64 0.63-0.67	4/4 3/4 2/4 1/4	311 234 157 82	524 413 303 212	93.3 93.1 92.3 88.2	0.90 0.86 0.79 0.59
2906XTG	-	389	104	1191	524	3249	F	4 +1	AWG 3/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.52-1.64 0.63-0.67	4/4 3/4 2/4 1/4	311 234 157 82	524 413 303 212	93.3 93.1 92.3 88.2	0.90 0.86 0.79 0.59
3406UTG	-	455	104	1191	611	3910	G	4 +1	AWG 3/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.52-1.64 0.63-0.67	4/4 3/4 2/4 1/4	362 273 184 95	611 476 349 237	93.7 93.4 92.4 89.0	0.90 0.87 0.80 0.61
3406XTG	-	455	104	1191	611	3910	G	4 +1	AWG 3/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.52-1.64 0.63-0.67	4/4 3/4 2/4 1/4	362 273 184 95	611 476 349 237	93.7 93.4 92.4 89.0	0.90 0.87 0.80 0.61

AmaCan D/AmaCan P, 8-pole, 380 V, 60 Hz, 3~
Table 5: Motor data, 60 Hz, 3~

Asynchronous motor without efficiency classification

Motor type	Efficiency class	Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _h	LRA I _s	NEMA ⁵⁾	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
		[hp]	[°F]	[rpm]	[A]	[A]	-	Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
								[-]	[-]	[inch]	[-]	[kW]	[A]	[%]	[-]
308UTG	-	40	104	887	65.0	370	G	2 +1	AWG 7-4	0.72-0.77 0.63-0.67	4/4	34.3	65.0	87.1	0.80
									AWG 15-10		3/4	25.7	51.9	87.2	0.75
									Rubber-sheathed cable [S1BN8-F]		2/4	17.6	41.8	84.8	0.64
											1/4	9.7	34.5	76.5	0.43
308XTG	-	40	104	887	65.0	370	G	2 +1	AWG 7-4	0.72-0.77 0.63-0.67	4/4	34.3	65.0	87.1	0.80
									AWG 15-10		3/4	25.7	51.9	87.2	0.75
									Rubber-sheathed cable [S1BN8-F]		2/4	17.6	41.8	84.8	0.64
											1/4	9.7	34.5	76.5	0.43
408UTG	-	55	104	883	89.5	448	F	2 +1	AWG 7-4	0.72-0.77 0.63-0.67	4/4	47.1	89.5	87.1	0.80
									AWG 15-10		3/4	35.4	71.7	87.0	0.75
									Rubber-sheathed cable [S1BN8-F]		2/4	23.9	56.8	85.7	0.64
											1/4	13.0	46.0	78.7	0.43
408XTG	-	55	104	883	89.5	448	F	2 +1	AWG 7-4	0.72-0.77 0.63-0.67	4/4	47.1	89.5	87.1	0.80
									AWG 15-10		3/4	35.4	71.7	87.0	0.75
									Rubber-sheathed cable [S1BN8-F]		2/4	23.9	56.8	85.7	0.64
											1/4	13.0	46.0	78.7	0.43
558UTG	-	75	104	884	126	655	G	2 +1	AWG 3-4	1.06-1.13 0.63-0.67	4/4	63.8	126	87.7	0.77
									AWG 15-10		3/4	47.9	104	87.5	0.70
									Rubber-sheathed cable [S1BN8-F]		2/4	32.9	86	85.1	0.58
											1/4	18.0	74	77.7	0.37
558XTG	-	75	104	884	126	655	G	2 +1	AWG 3-4	1.06-1.13 0.63-0.67	4/4	63.8	126	87.7	0.77
									AWG 15-10		3/4	47.9	104	87.5	0.70
									Rubber-sheathed cable [S1BN8-F]		2/4	32.9	86	85.1	0.58
											1/4	18.0	74	77.7	0.37
708UTG	-	95	104	880	161	757	F	2 +1	AWG 3-4	1.06-1.13 0.63-0.67	4/4	80.7	161	87.8	0.76
									AWG 15-10		3/4	60.4	133	88.0	0.69
									Rubber-sheathed cable [S1BN8-F]		2/4	40.5	110	87.5	0.56
											1/4	21.8	94	81.3	0.35
708XTG	-	95	104	880	161	757	F	2 +1	AWG 3-4	1.06-1.13 0.63-0.67	4/4	80.7	161	87.8	0.76
									AWG 15-10		3/4	60.4	133	88.0	0.69
									Rubber-sheathed cable [S1BN8-F]		2/4	40.5	110	87.5	0.56
											1/4	21.8	94	81.3	0.35
958UTG	-	125	104	871	213	1126	G	2 +1	AWG 1/0-4	1.37-1.45 0.63-0.67	4/4	105	213	88.5	0.75
									AWG 15-10		3/4	79	180	88.6	0.66
									Rubber-sheathed cable [S1BN8-F]		2/4	53	154	87.4	0.53
											1/4	29	136	81.5	0.32
958XTG	-	125	104	871	213	1126	G	2 +1	AWG 1/0-4	1.37-1.45 0.63-0.67	4/4	105	213	88.5	0.75
									AWG 15-10		3/4	79	180	88.6	0.66
									Rubber-sheathed cable [S1BN8-F]		2/4	53	154	87.4	0.53
											1/4	29	136	81.5	0.32
1208UTG	-	160	104	885	246	1304	F	2 +1	AWG 1/0-4	1.37-1.45 0.63-0.67	4/4	130	246	92.0	0.80
									AWG 15-10		3/4	97	197	91.9	0.75
									Rubber-sheathed cable [S1BN8-F]		2/4	66	156	90.7	0.64
											1/4	35	126	85.5	0.42
1208XTG	-	160	104	885	246	1304	F	2 +1	AWG 1/0-4	1.37-1.45 0.63-0.67	4/4	130	246	92.0	0.80
									AWG 15-10		3/4	97	197	91.9	0.75
									Rubber-sheathed cable [S1BN8-F]		2/4	66	156	90.7	0.64
											1/4	35	126	85.5	0.42
1408UTG	-	185	104	887	293	1640	G	2 +1	AWG 3/0-4	1.52-1.64 0.63-0.67	4/4	150	293	91.9	0.78
									AWG 15-10		3/4	113	238	91.7	0.72
									Rubber-sheathed cable [S1BN8-F]		2/4	76	194	90.3	0.60
											1/4	40	161	85.8	0.38
1408XTG	-	185	104	887	293	1640	G	2 +1	AWG 3/0-4	1.52-1.64 0.63-0.67	4/4	150	293	91.9	0.78
									AWG 15-10		3/4	113	238	91.7	0.72
									Rubber-sheathed cable [S1BN8-F]		2/4	76	194	90.3	0.60
											1/4	40	161	85.8	0.38
1608UTG	-	215	104	888	334	1903	G	4 +1	AWG 1-4	1.19-1.27 0.63-0.67	4/4	174	334	92.3	0.79
									AWG 15-10		3/4	131	272	92.1	0.73
									Rubber-sheathed cable [S1BN8-F]		2/4	88	217	90.7	0.62
											1/4	47	178	85.3	0.40

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Motor type	Efficiency class	Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _n	LRA I _s	NEMA ⁵⁾	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
		[hp]	[°F]	[rpm]	[A]	[A]	-	Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
								[-]	[-]	[inch]	[-]	[kW]	[A]	[%]	[-]
1608XTG	-	215	104	888	334	1903	G	4 +1	AWG 1-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.19-1.27 0.63-0.67	4/4 3/4 2/4 1/4	174 131 88 47	334 272 217 178	92.3 92.1 90.7 85.3	0.79 0.73 0.62 0.40
2058UTG	-	275	104	894	403	2172	F	4 +1	AWG 1-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.19-1.27 0.63-0.67	4/4 3/4 2/4 1/4	221 166 112 59	403 320 251 200	93.0 92.7 91.5 86.7	0.83 0.79 0.68 0.45
2058XTG	-	275	104	894	403	2172	F	4 +1	AWG 1-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.19-1.27 0.63-0.67	4/4 3/4 2/4 1/4	221 166 112 59	403 320 251 200	93.0 92.7 91.5 86.7	0.83 0.79 0.68 0.45
2508UTG	-	335	104	894	487	2629	F	4 +1	AWG 1/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.37-1.45 0.63-0.67	4/4 3/4 2/4 1/4	269 203 137 73	487 395 316 252	92.8 92.4 90.9 85.8	0.84 0.78 0.66 0.44
2508XTG	-	335	104	894	487	2629	F	4 +1	AWG 1/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.37-1.45 0.63-0.67	4/4 3/4 2/4 1/4	269 203 137 73	487 395 316 252	92.8 92.4 90.9 85.8	0.84 0.78 0.66 0.44
2908UTG	-	390	104	894	580	3248	F	4 +1	AWG 3/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.52-1.64 0.63-0.67	4/4 3/4 2/4 1/4	313 236 159 84	580 459 362 298	93.0 92.6 91.2 86.3	0.82 0.78 0.67 0.43
2908XTG	-	390	104	894	580	3248	F	4 +1	AWG 3/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.52-1.64 0.63-0.67	4/4 3/4 2/4 1/4	313 236 159 84	580 459 362 298	93.0 92.6 91.2 86.3	0.82 0.78 0.67 0.43

AmaCan D/AmaCan P, 4-pole, 460 V, 60 Hz, 3~
Table 6: Motor data, 60 Hz, 3~

Asynchronous motor without efficiency classification

Motor type	Efficiency class	Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _h	LRA I _s	NEMA ⁵⁾	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
		[hp]	[°F]	[rpm]	[A]	[A]	-	Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
								[-]	[-]	[inch]	[-]	[kW]	[A]	[%]	[-]
154UVG	-	20	104	1730	25.9	138	F	1	AWG 11-7+15-5 Rubber-sheathed cable [S1BN8-F]	0.83-0.91	4/4 3/4 2/4 1/4	17.1 12.8 8.6 4.6	25.9 20.6 16.1 13.0	87.0 87.2 86.6 81.7	0.83 0.78 0.67 0.44
154XVG	-	20	104	1730	25.9	138	F	1	AWG 11-7+15-5 Rubber-sheathed cable [S1BN8-F]	0.83-0.91	4/4 3/4 2/4 1/4	17.1 12.8 8.6 4.6	25.9 20.6 16.1 13.0	87.0 87.2 86.6 81.7	0.83 0.78 0.67 0.44
184UVG	-	25	104	1735	32.2	184	G	1	AWG 11-7+15-5 Rubber-sheathed cable [S1BN8-F]	0.83-0.91	4/4 3/4 2/4 1/4	21.1 15.8 10.7 5.5	32.2 25.7 20.6 16.5	88.5 88.7 87.5 84.3	0.82 0.77 0.65 0.42
184XVG	-	25	104	1735	32.2	184	G	1	AWG 11-7+15-5 Rubber-sheathed cable [S1BN8-F]	0.83-0.91	4/4 3/4 2/4 1/4	21.1 15.8 10.7 5.5	32.2 25.7 20.6 16.5	88.5 88.7 87.5 84.3	0.82 0.77 0.65 0.42
214UVG	-	30	104	1750	37.6	218	G	1	AWG 9-7+15-5 Rubber-sheathed cable [S1BN8-F]	0.94-1.06	4/4 3/4 2/4 1/4	25.1 18.8 12.7 6.7	37.6 30.2 24.4 20.6	89.0 89.4 88.4 83.2	0.84 0.78 0.65 0.41
214XVG	-	30	104	1750	37.6	218	G	1	AWG 9-7+15-5 Rubber-sheathed cable [S1BN8-F]	0.94-1.06	4/4 3/4 2/4 1/4	25.1 18.8 12.7 6.7	37.6 30.2 24.4 20.6	89.0 89.4 88.4 83.2	0.84 0.78 0.65 0.41
224UVG	-	30	104	1752	39.4	201	F	1 +1	AWG 7-4 AWG 15-8 Rubber-sheathed cable [S1BN8-F]	0.72-0.77 0.56-0.60	4/4 3/4 2/4 1/4	25.1 18.8 12.7 6.8	39.4 31.4 25.2 21.2	89.0 89.3 88.3 82.7	0.80 0.75 0.63 0.40
224XVG	-	30	104	1752	39.4	201	F	1 +1	AWG 7-4 AWG 15-8 Rubber-sheathed cable [S1BN8-F]	0.72-0.77 0.56-0.60	4/4 3/4 2/4 1/4	25.1 18.8 12.7 6.8	39.4 31.4 25.2 21.2	89.0 89.3 88.3 82.7	0.80 0.75 0.63 0.40
304UVG	-	37	104	1755	48.2	260	G	1 +1	AWG 7-4 AWG 15-8 Rubber-sheathed cable [S1BN8-F]	0.72-0.77 0.56-0.60	4/4 3/4 2/4 1/4	30.7 23.0 15.5 8.3	48.2 39.0 30.9 26.0	89.9 90.1 88.9 83.4	0.80 0.74 0.63 0.40
304XVG	-	37	104	1755	48.2	260	G	1 +1	AWG 7-4 AWG 15-8 Rubber-sheathed cable [S1BN8-F]	0.72-0.77 0.56-0.60	4/4 3/4 2/4 1/4	30.7 23.0 15.5 8.3	48.2 39.0 30.9 26.0	89.9 90.1 88.9 83.4	0.80 0.74 0.63 0.40
344UVG	-	45	104	1758	55.8	324	G	1 +1	AWG 5-4 AWG 15-8 Rubber-sheathed cable [S1BN8-F]	0.89-0.94 0.56-0.60	4/4 3/4 2/4 1/4	36.9 27.6 18.7 9.7	55.8 43.3 33.1 25.5	91.0 91.2 89.6 86.1	0.83 0.80 0.71 0.48
344XVG	-	45	104	1758	55.8	324	G	1 +1	AWG 5-4 AWG 15-8 Rubber-sheathed cable [S1BN8-F]	0.89-0.94 0.56-0.60	4/4 3/4 2/4 1/4	36.9 27.6 18.7 9.7	55.8 43.3 33.1 25.5	91.0 91.2 89.6 86.1	0.83 0.80 0.71 0.48
404UVG	-	54	104	1758	67.7	400	G	1 +1	AWG 5-4 AWG 15-8 Rubber-sheathed cable [S1BN8-F]	0.89-0.94 0.56-0.60	4/4 3/4 2/4 1/4	44.2 33.1 22.5 11.7	67.7 53.2 41.4 32.6	91.1 91.3 89.7 86.1	0.82 0.78 0.68 0.45
404XVG	-	54	104	1758	67.7	400	G	1 +1	AWG 5-4 AWG 15-8 Rubber-sheathed cable [S1BN8-F]	0.89-0.94 0.56-0.60	4/4 3/4 2/4 1/4	44.2 33.1 22.5 11.7	67.7 53.2 41.4 32.6	91.1 91.3 89.7 86.1	0.82 0.78 0.68 0.45
704UTG	-	95	104	1765	116	720	G	2 +1	AWG 5-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	0.89-0.94 0.63-0.67	4/4 3/4 2/4 1/4	78.3 58.8 40.0 21.1	116 90 69 50	90.5 90.3 88.5 84.0	0.85 0.82 0.73 0.53

Motor type	Efficiency class	Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _h	LRA I _s	NEMA ⁵⁾	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
		[hp]	[°F]	[rpm]	[A]	[A]	-	Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
								[-]	[-]	[inch]	[-]	[kW]	[A]	[%]	[-]
704XTG	-	95	104	1765	116	720	G	2 +1	AWG 5-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	0.89-0.94 0.63-0.67	4/4 3/4 2/4 1/4	78.3 58.8 40.0 21.1	116 90 69 50	90.5 90.3 88.5 84.0	0.85 0.82 0.73 0.53
904UTG	-	120	104	1772	146	1020	H	2 +1	AWG 3-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.06-1.13 0.63-0.67	4/4 3/4 2/4 1/4	97.6 73.4 49.9 26.5	146 115 88 66	91.7 91.5 89.7 84.5	0.84 0.80 0.71 0.50
904XTG	-	120	104	1772	146	1020	H	2 +1	AWG 3-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.06-1.13 0.63-0.67	4/4 3/4 2/4 1/4	97.6 73.4 49.9 26.5	146 115 88 66	91.7 91.5 89.7 84.5	0.84 0.80 0.71 0.50
1054UTG	-	140	104	1772	169	1235	H	2 +1	AWG 1-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.19-1.27 0.63-0.67	4/4 3/4 2/4 1/4	113 85 58 31	169 136 104 80	92.2 91.7 90.2 85.0	0.84 0.79 0.70 0.48
1054XTG	-	140	104	1772	169	1235	H	2 +1	AWG 1-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.19-1.27 0.63-0.67	4/4 3/4 2/4 1/4	113 85 58 31	169 136 104 80	92.2 91.7 90.2 85.0	0.84 0.79 0.70 0.48
1304UTG	-	175	104	1768	206	1360	G	2 +1	AWG 1/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.37-1.45 0.63-0.67	4/4 3/4 2/4 1/4	141 106 72 37	206 161 118 83	92.4 92.0 91.3 87.7	0.86 0.83 0.76 0.56
1304XTG	-	175	104	1768	206	1360	G	2 +1	AWG 1/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.37-1.45 0.63-0.67	4/4 3/4 2/4 1/4	141 106 72 37	206 161 118 83	92.4 92.0 91.3 87.7	0.86 0.83 0.76 0.56
1504UTG	-	200	104	1780	226	1630	H	2 +1	AWG 1/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.37-1.45 0.63-0.67	4/4 3/4 2/4 1/4	160 121 82 43	226 174 129 90	93.0 92.6 90.9 86.5	0.89 0.87 0.80 0.60
1504XTG	-	200	104	1780	226	1630	H	2 +1	AWG 1/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.37-1.45 0.63-0.67	4/4 3/4 2/4 1/4	160 121 82 43	226 174 129 90	93.0 92.6 90.9 86.5	0.89 0.87 0.80 0.60
1704UTG	-	230	104	1780	263	1895	H	2 +1	AWG 3/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.52-1.64 0.63-0.67	4/4 3/4 2/4 1/4	184 139 94 49	263 206 151 109	93.1 92.4 91.2 87.0	0.88 0.85 0.78 0.57
1704XTG	-	230	104	1780	263	1895	H	2 +1	AWG 3/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.52-1.64 0.63-0.67	4/4 3/4 2/4 1/4	184 139 94 49	263 206 151 109	93.1 92.4 91.2 87.0	0.88 0.85 0.78 0.57
1904UTG	-	255	104	1780	287	2155	H	2 +1	AWG 3/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.52-1.64 0.63-0.67	4/4 3/4 2/4 1/4	203 153 104 54	287 228 165 115	93.5 93.3 91.7 87.9	0.89 0.84 0.79 0.59
1904XTG	-	255	104	1780	287	2155	H	2 +1	AWG 3/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.52-1.64 0.63-0.67	4/4 3/4 2/4 1/4	203 153 104 54	287 228 165 115	93.5 93.3 91.7 87.9	0.89 0.84 0.79 0.59
2154UTG	-	290	104	1781	329	2535	H	4 +1	AWG 1-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.19-1.27 0.63-0.67	4/4 3/4 2/4 1/4	231 174 118 62	329 257 195 141	93.6 93.3 91.8 87.8	0.88 0.85 0.76 0.55
2154XTG	-	290	104	1781	329	2535	H	4 +1	AWG 1-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.19-1.27 0.63-0.67	4/4 3/4 2/4 1/4	231 174 118 62	329 257 195 141	93.6 93.3 91.8 87.8	0.88 0.85 0.76 0.55

AmaCan D/AmaCan P, 6-pole, 460 V, 60 Hz, 3~
Table 7: Motor data, 60 Hz, 3~

Asynchronous motor without efficiency classification

Motor type	Efficiency class	Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _h	LRA I _s	NEMA ⁵⁾	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
		[hp]	[°F]	[rpm]	[A]	[A]	-	Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
								[-]	[-]	[inch]	[-]	[kW]	[A]	[%]	[-]
76UVG	-	10	104	1156	14.5	80	H	1	AWG 15-12 Rubber-sheathed cable [SiBN8-F]	0.65-0.69	4/4 3/4 2/4 1/4	8.77 6.56 4.42 2.34	14.5 11.8 9.9 8.6	85.0 85.2 84.4 79.8	0.76 0.70 0.56 0.34
76XVG	-	10	104	1156	14.5	80	H	1	AWG 15-12 Rubber-sheathed cable [SiBN8-F]	0.65-0.69	4/4 3/4 2/4 1/4	8.77 6.56 4.42 2.34	14.5 11.8 9.9 8.6	85.0 85.2 84.4 79.8	0.76 0.70 0.56 0.34
116UVG	-	15	104	1156	21.8	110	G	1	AWG 13-12 Rubber-sheathed cable [SiBN8-F]	0.73-0.77	4/4 3/4 2/4 1/4	13.2 9.9 6.7 3.7	21.8 17.7 15.0 13.1	84.8 85.0 83.6 76.6	0.76 0.70 0.56 0.35
116XVG	-	15	104	1156	21.8	110	G	1	AWG 13-12 Rubber-sheathed cable [SiBN8-F]	0.73-0.77	4/4 3/4 2/4 1/4	13.2 9.9 6.7 3.7	21.8 17.7 15.0 13.1	84.8 85.0 83.6 76.6	0.76 0.70 0.56 0.35
186UVG	-	25	104	1151	34.7	194	G	1 +1	AWG 9-4 AWG 15-8 Rubber-sheathed cable [SiBN8-F]	0.56-0.60 0.56-0.60	4/4 3/4 2/4 1/4	21.8 16.3 11.1 5.8	34.7 28.9 23.7 19.8	85.4 85.6 83.8 79.7	0.79 0.71 0.59 0.37
186XVG	-	25	104	1151	34.7	194	G	1 +1	AWG 9-4 AWG 15-8 Rubber-sheathed cable [SiBN8-F]	0.56-0.60 0.56-0.60	4/4 3/4 2/4 1/4	21.8 16.3 11.1 5.8	34.7 28.9 23.7 19.8	85.4 85.6 83.8 79.7	0.79 0.71 0.59 0.37
256UVG	-	33	104	1163	40.9	229	F	1 +1	AWG 7-4 AWG 15-8 Rubber-sheathed cable [SiBN8-F]	0.72-0.77 0.56-0.60	4/4 3/4 2/4 1/4	27.4 20.6 13.8 7.1	40.9 31.8 23.8 17.8	89.8 89.8 88.9 86.6	0.84 0.81 0.73 0.50
256XVG	-	33	104	1163	40.9	229	F	1 +1	AWG 7-4 AWG 15-8 Rubber-sheathed cable [SiBN8-F]	0.72-0.77 0.56-0.60	4/4 3/4 2/4 1/4	27.4 20.6 13.8 7.1	40.9 31.8 23.8 17.8	89.8 89.8 88.9 86.6	0.84 0.81 0.73 0.50
306UVG	-	40	104	1159	50.4	275	F	1 +1	AWG 7-4 AWG 15-8 Rubber-sheathed cable [SiBN8-F]	0.72-0.77 0.56-0.60	4/4 3/4 2/4 1/4	33.3 25.2 17.3 9.0	50.4 39.6 31.1 23.5	89.5 88.7 86.0 82.9	0.83 0.80 0.70 0.48
306XVG	-	40	104	1159	50.4	275	F	1 +1	AWG 7-4 AWG 15-8 Rubber-sheathed cable [SiBN8-F]	0.72-0.77 0.56-0.60	4/4 3/4 2/4 1/4	33.3 25.2 17.3 9.0	50.4 39.6 31.1 23.5	89.5 88.7 86.0 82.9	0.83 0.80 0.70 0.48
356UVG	-	47	104	1161	59.9	342	G	1 +1	AWG 5-4 AWG 15-8 Rubber-sheathed cable [SiBN8-F]	0.89-0.94 0.56-0.60	4/4 3/4 2/4 1/4	39.1 29.7 20.3 10.6	59.9 48.4 38.0 29.6	89.6 88.6 86.4 82.6	0.82 0.77 0.67 0.45
356XVG	-	47	104	1161	59.9	342	G	1 +1	AWG 5-4 AWG 15-8 Rubber-sheathed cable [SiBN8-F]	0.89-0.94 0.56-0.60	4/4 3/4 2/4 1/4	39.1 29.7 20.3 10.6	59.9 48.4 38.0 29.6	89.6 88.6 86.4 82.6	0.82 0.77 0.67 0.45
406UVG	-	54	104	1160	67.9	380	G	1 +1	AWG 5-4 AWG 15-8 Rubber-sheathed cable [SiBN8-F]	0.89-0.94 0.56-0.60	4/4 3/4 2/4 1/4	44.9 34.0 23.3 12.5	67.9 54.0 46.4 34.2	89.7 88.8 86.5 80.4	0.83 0.79 0.63 0.46
406XVG	-	54	104	1160	67.9	380	G	1 +1	AWG 5-4 AWG 15-8 Rubber-sheathed cable [SiBN8-F]	0.89-0.94 0.56-0.60	4/4 3/4 2/4 1/4	44.9 34.0 23.3 12.5	67.9 54.0 46.4 34.2	89.7 88.8 86.5 80.4	0.83 0.79 0.63 0.46
476UTG	-	60	104	1180	71.7	437	G	2 +1	AWG 7-4 AWG 15-10 Rubber-sheathed cable [SiBN8-F]	0.72-0.77 0.63-0.67	4/4 3/4 2/4 1/4	50.3 37.8 25.7 13.9	71.7 55.2 40.8 29.1	89.0 88.8 87.2 80.4	0.88 0.86 0.79 0.60

Motor type	Efficiency class	Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _h	LRA I _s	NEMA ⁵⁾	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
		[hp]	[°F]	[rpm]	[A]	[A]	-	Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
								[-]	[-]	[inch]	[-]	[kW]	[A]	[%]	[-]
476XTG	-	60	104	1180	71.7	437	G	2 +1	AWG 7-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	0.72-0.77 0.63-0.67	4/4 3/4 2/4 1/4	50.3 37.8 25.7 13.9	71.7 55.2 40.8 29.1	89.0 88.8 87.2 80.4	0.88 0.86 0.79 0.60
606UTG	-	80	104	1179	101	586	G	2 +1	AWG 5-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	0.89-0.94 0.63-0.67	4/4 3/4 2/4 1/4	67.3 50.6 34.1 18.4	101 79 61 47	88.7 88.4 87.4 80.9	0.84 0.80 0.70 0.49
606XTG	-	80	104	1179	101	586	G	2 +1	AWG 5-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	0.89-0.94 0.63-0.67	4/4 3/4 2/4 1/4	67.3 50.6 34.1 18.4	101 79 61 47	88.7 88.4 87.4 80.9	0.84 0.80 0.70 0.49
806UTG	-	100	104	1179	119	696	F	2 +1	AWG 5-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	0.89-0.94 0.63-0.67	4/4 3/4 2/4 1/4	82.7 62.1 41.9 22.3	119 93 69 51	90.2 90.1 89.0 83.8	0.87 0.84 0.76 0.55
806XTG	-	100	104	1179	119	696	F	2 +1	AWG 5-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	0.89-0.94 0.63-0.67	4/4 3/4 2/4 1/4	82.7 62.1 41.9 22.3	119 93 69 51	90.2 90.1 89.0 83.8	0.87 0.84 0.76 0.55
1006UTG	-	135	104	1180	159	920	F	2 +1	AWG 3-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.06-1.13 0.63-0.67	4/4 3/4 2/4 1/4	112 84 57 30	159 125 96 76	90.3 90.1 88.9 83.6	0.88 0.84 0.74 0.50
1006XTG	-	135	104	1180	159	920	F	2 +1	AWG 3-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.06-1.13 0.63-0.67	4/4 3/4 2/4 1/4	112 84 57 30	159 125 96 76	90.3 90.1 88.9 83.6	0.88 0.84 0.74 0.50
1206UTG	-	154	104	1180	181	1140	G	2 +1	AWG 1-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.19-1.27 0.63-0.67	4/4 3/4 2/4 1/4	127 95 64 34	181 144 114 90	90.6 90.5 89.2 83.7	0.88 0.83 0.71 0.48
1206XTG	-	154	104	1180	181	1140	G	2 +1	AWG 1-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.19-1.27 0.63-0.67	4/4 3/4 2/4 1/4	127 95 64 34	181 144 114 90	90.6 90.5 89.2 83.7	0.88 0.83 0.71 0.48
1556UTG	-	200	104	1185	224	1500	G	2 +1	AWG 1/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.37-1.45 0.63-0.67	4/4 3/4 2/4 1/4	161 120 81 42	224 172 130 98	92.8 92.9 92.3 88.6	0.90 0.88 0.78 0.54
1556XTG	-	200	104	1185	224	1500	G	2 +1	AWG 1/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.37-1.45 0.63-0.67	4/4 3/4 2/4 1/4	161 120 81 42	224 172 130 98	92.8 92.9 92.3 88.6	0.90 0.88 0.78 0.54
1806UTG	-	240	104	1180	275	1732	G	2 +1	AWG 3/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.52-1.64 0.63-0.67	4/4 3/4 2/4 1/4	193 144 97 50	275 213 153 106	92.9 93.1 92.6 89.6	0.88 0.85 0.79 0.59
1806XTG	-	240	104	1180	275	1732	G	2 +1	AWG 3/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.52-1.64 0.63-0.67	4/4 3/4 2/4 1/4	193 144 97 50	275 213 153 106	92.9 93.1 92.6 89.6	0.88 0.85 0.79 0.59
2056UTG	-	275	104	1185	326	2220	H	4 +1	AWG 1-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.19-1.27 0.63-0.67	4/4 3/4 2/4 1/4	221 166 111 58	326 257 194 149	93.0 92.9 92.3 88.4	0.85 0.81 0.72 0.49
2056XTG	-	275	104	1185	326	2220	H	4 +1	AWG 1-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.19-1.27 0.63-0.67	4/4 3/4 2/4 1/4	221 166 111 58	326 257 194 149	93.0 92.9 92.3 88.4	0.85 0.81 0.72 0.49
2506UTG	-	335	104	1190	375	2175	F	4 +1	AWG 1-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.19-1.27 0.63-0.67	4/4 3/4 2/4 1/4	269 202 135 71	375 288 205 137	93.0 92.9 92.3 88.3	0.90 0.88 0.83 0.65

Motor type	Efficiency class	Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _n	LRA I _s	NEMA ⁵⁾	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
		[hp]	[°F]	[rpm]	[A]	[A]	-	Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
								[-]	[-]	[inch]	[-]	[kW]	[A]	[%]	[-]
2506XTG	-	335	104	1190	375	2175	F	4 +1	AWG 1-4	1.19-1.27 0.63-0.67	4/4	269	375	93.0	0.90
									AWG 15-10		3/4	202	288	92.9	0.88
									Rubber-sheathed cable [S1BN8-F]		2/4	135	205	92.3	0.83
											1/4	71	137	88.3	0.65
2906UTG	-	389	104	1191	433	2685	F	4 +1	AWG 1/0-4	1.37-1.45 0.63-0.67	4/4	311	433	93.3	0.90
									AWG 15-10		3/4	234	341	93.1	0.86
									Rubber-sheathed cable [S1BN8-F]		2/4	157	250	92.3	0.79
											1/4	82	175	88.2	0.59
2906XTG	-	389	104	1191	433	2685	F	4 +1	AWG 1/0-4	1.37-1.45 0.63-0.67	4/4	311	433	93.3	0.90
									AWG 15-10		3/4	234	341	93.1	0.86
									Rubber-sheathed cable [S1BN8-F]		2/4	157	250	92.3	0.79
											1/4	82	175	88.2	0.59
3406UTG	-	455	104	1191	505	3232	G	4 +1	AWG 1/0-4	1.37-1.45 0.63-0.67	4/4	362	505	93.7	0.90
									AWG 15-10		3/4	273	393	93.4	0.87
									Rubber-sheathed cable [S1BN8-F]		2/4	184	288	92.4	0.80
											1/4	95	196	89.0	0.61
3406XTG	-	455	104	1191	505	3232	G	4 +1	AWG 1/0-4	1.37-1.45 0.63-0.67	4/4	362	505	93.7	0.90
									AWG 15-10		3/4	273	393	93.4	0.87
									Rubber-sheathed cable [S1BN8-F]		2/4	184	288	92.4	0.80
											1/4	95	196	89.0	0.61

AmaCan D/AmaCan P, 8-pole, 460 V, 60 Hz, 3~
Table 8: Motor data, 60 Hz, 3~

Asynchronous motor without efficiency classification

Motor type	Efficiency class	Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _h	LRA I _s	NEMA ⁵⁾	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
		[hp]	[°F]	[rpm]	[A]	[A]	-	Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
								[-]	[-]	[inch]	[-]	[kW]	[A]	[%]	[-]
308UTG	-	40	104	887	53.7	306	G	2 +1	AWG 9-4	0.56-0.60 0.63-0.67	4/4	34.3	53.7	87.1	0.80
									AWG 15-10		3/4	25.7	42.9	87.2	0.75
									Rubber-sheathed cable [S1BN8-F]		2/4	17.6	34.5	84.8	0.64
											1/4	9.7	28.5	76.5	0.43
308XTG	-	40	104	887	53.7	306	G	2 +1	AWG 9-4	0.56-0.60 0.63-0.67	4/4	34.3	53.7	87.1	0.80
									AWG 15-10		3/4	25.7	42.9	87.2	0.75
									Rubber-sheathed cable [S1BN8-F]		2/4	17.6	34.5	84.8	0.64
											1/4	9.7	28.5	76.5	0.43
408UTG	-	55	104	883	73.9	370	F	2 +1	AWG 7-4	0.72-0.77 0.63-0.67	4/4	47.1	73.9	87.1	0.80
									AWG 15-10		3/4	35.4	59.2	87.0	0.75
									Rubber-sheathed cable [S1BN8-F]		2/4	23.9	46.9	85.7	0.64
											1/4	13.0	38.0	78.7	0.43
408XTG	-	55	104	883	73.9	370	F	2 +1	AWG 7-4	0.72-0.77 0.63-0.67	4/4	47.1	73.9	87.1	0.80
									AWG 15-10		3/4	35.4	59.2	87.0	0.75
									Rubber-sheathed cable [S1BN8-F]		2/4	23.9	46.9	85.7	0.64
											1/4	13.0	38.0	78.7	0.43
558UTG	-	75	104	884	104	540	G	2 +1	AWG 5-4	0.89-0.94 0.63-0.67	4/4	63.8	104	87.7	0.77
									AWG 15-10		3/4	47.9	86	87.5	0.70
									Rubber-sheathed cable [S1BN8-F]		2/4	32.9	71	85.1	0.58
											1/4	18.0	61	77.7	0.37
558XTG	-	75	104	884	104	540	G	2 +1	AWG 5-4	0.89-0.94 0.63-0.67	4/4	63.8	104	87.7	0.77
									AWG 15-10		3/4	47.9	86	87.5	0.70
									Rubber-sheathed cable [S1BN8-F]		2/4	32.9	71	85.1	0.58
											1/4	18.0	61	77.7	0.37
708UTG	-	95	104	880	133	625	F	2 +1	AWG 3-4	1.06-1.13 0.63-0.67	4/4	80.7	133	87.8	0.76
									AWG 15-10		3/4	60.4	110	88.0	0.69
									Rubber-sheathed cable [S1BN8-F]		2/4	40.5	91	87.5	0.56
											1/4	21.8	78	81.3	0.35
708XTG	-	95	104	880	133	625	F	2 +1	AWG 3-4	1.06-1.13 0.63-0.67	4/4	80.7	133	87.8	0.76
									AWG 15-10		3/4	60.4	110	88.0	0.69
									Rubber-sheathed cable [S1BN8-F]		2/4	40.5	91	87.5	0.56
											1/4	21.8	78	81.3	0.35
958UTG	-	125	104	871	176	930	G	2 +1	AWG 1-4	1.19-1.27 0.63-0.67	4/4	105	176	88.5	0.75
									AWG 15-10		3/4	79	149	88.6	0.66
									Rubber-sheathed cable [S1BN8-F]		2/4	53	127	87.4	0.53
											1/4	29	112	81.5	0.32
958XTG	-	125	104	871	176	930	G	2 +1	AWG 1-4	1.19-1.27 0.63-0.67	4/4	105	176	88.5	0.75
									AWG 15-10		3/4	79	149	88.6	0.66
									Rubber-sheathed cable [S1BN8-F]		2/4	53	127	87.4	0.53
											1/4	29	112	81.5	0.32
1208UTG	-	160	104	885	203	1076	F	2 +1	AWG 1/0-4	1.37-1.45 0.63-0.67	4/4	130	203	92.0	0.80
									AWG 15-10		3/4	97	163	91.9	0.75
									Rubber-sheathed cable [S1BN8-F]		2/4	66	129	90.7	0.64
											1/4	35	104	85.5	0.42
1208XTG	-	160	104	885	203	1076	F	2 +1	AWG 1/0-4	1.37-1.45 0.63-0.67	4/4	130	203	92.0	0.80
									AWG 15-10		3/4	97	163	91.9	0.75
									Rubber-sheathed cable [S1BN8-F]		2/4	66	129	90.7	0.64
											1/4	35	104	85.5	0.42
1408UTG	-	185	104	887	242	1355	G	2 +1	AWG 1/0-4	1.37-1.45 0.63-0.67	4/4	150	242	91.9	0.78
									AWG 15-10		3/4	113	197	91.7	0.72
									Rubber-sheathed cable [S1BN8-F]		2/4	76	160	90.3	0.60
											1/4	40	133	85.8	0.38
1408XTG	-	185	104	887	242	1355	G	2 +1	AWG 1/0-4	1.37-1.45 0.63-0.67	4/4	150	242	91.9	0.78
									AWG 15-10		3/4	113	197	91.7	0.72
									Rubber-sheathed cable [S1BN8-F]		2/4	76	160	90.3	0.60
											1/4	40	133	85.8	0.38
1608UTG	-	215	104	888	276	1573	G	2 +1	AWG 3/0-4	1.52-1.64 0.63-0.67	4/4	174	276	92.3	0.79
									AWG 15-10		3/4	131	225	92.1	0.73
									Rubber-sheathed cable [S1BN8-F]		2/4	88	179	90.7	0.62
											1/4	47	147	85.3	0.40

Motor type	Efficiency class	Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _n	LRA I _s	NEMA ⁵⁾	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
		[hp]	[°F]	[rpm]	[A]	[A]	-	Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
								[-]	[-]	[inch]	[-]	[kW]	[A]	[%]	[-]
1608XTG	-	215	104	888	276	1573	G	2 +1	AWG 3/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.52-1.64 0.63-0.67	4/4 3/4 2/4 1/4	174 131 88 47	276 225 179 147	92.3 92.1 90.7 85.3	0.79 0.73 0.62 0.40
2058UTG	-	275	104	894	333	1795	F	4 +1	AWG 1-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.19-1.27 0.63-0.67	4/4 3/4 2/4 1/4	221 166 112 59	333 264 207 165	93.0 92.7 91.5 86.7	0.83 0.79 0.68 0.45
2058XTG	-	275	104	894	333	1795	F	4 +1	AWG 1-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.19-1.27 0.63-0.67	4/4 3/4 2/4 1/4	221 166 112 59	333 264 207 165	93.0 92.7 91.5 86.7	0.83 0.79 0.68 0.45
2508UTG	-	335	104	894	402	2170	F	4 +1	AWG 1/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.37-1.45 0.63-0.67	4/4 3/4 2/4 1/4	269 203 137 73	402 326 261 208	92.8 92.4 90.9 85.8	0.84 0.78 0.66 0.44
2508XTG	-	335	104	894	402	2170	F	4 +1	AWG 1/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.37-1.45 0.63-0.67	4/4 3/4 2/4 1/4	269 203 137 73	402 326 261 208	92.8 92.4 90.9 85.8	0.84 0.78 0.66 0.44
2908UTG	-	390	104	894	479	2682	F	4 +1	AWG 1/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.37-1.45 0.63-0.67	4/4 3/4 2/4 1/4	313 236 159 84	479 379 299 246	93.0 92.6 91.2 86.3	0.82 0.78 0.67 0.43
2908XTG	-	390	104	894	479	2682	F	4 +1	AWG 1/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.37-1.45 0.63-0.67	4/4 3/4 2/4 1/4	313 236 159 84	479 379 299 246	93.0 92.6 91.2 86.3	0.82 0.78 0.67 0.43

AmaCan D/AmaCan P, 4-pole, 575 V, 60 Hz, 3~
Table 9: Motor data, 60 Hz, 3~

Asynchronous motor without efficiency classification

Motor type	Efficiency class	Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _h	LRA I _s	NEMA ⁵⁾	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
		[hp]	[°F]	[rpm]	[A]	[A]	-	Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
								[-]	[-]	[inch]	[-]	[kW]	[A]	[%]	[-]
154UVG	-	20	104	1730	20.7	110	F	1	AWG 13-12 Rubber-sheathed cable [SiBN8-F]	0.73-0.77	4/4 3/4 2/4 1/4	17.1 12.8 8.6 4.6	20.7 16.5 12.9 10.4	87.0 87.2 86.6 81.7	0.83 0.78 0.67 0.44
154XVG	-	20	104	1730	20.7	110	F	1	AWG 13-12 Rubber-sheathed cable [SiBN8-F]	0.73-0.77	4/4 3/4 2/4 1/4	17.1 12.8 8.6 4.6	20.7 16.5 12.9 10.4	87.0 87.2 86.6 81.7	0.83 0.78 0.67 0.44
184UVG	-	25	104	1735	25.8	147	G	1	AWG 11-7+15-5 Rubber-sheathed cable [SiBN8-F]	0.83-0.91	4/4 3/4 2/4 1/4	21.1 15.8 10.7 5.5	25.8 20.6 16.5 13.2	88.5 88.7 87.5 84.3	0.82 0.77 0.65 0.42
184XVG	-	25	104	1735	25.8	147	G	1	AWG 11-7+15-5 Rubber-sheathed cable [SiBN8-F]	0.83-0.91	4/4 3/4 2/4 1/4	21.1 15.8 10.7 5.5	25.8 20.6 16.5 13.2	88.5 88.7 87.5 84.3	0.82 0.77 0.65 0.42
214UVG	-	30	104	1750	30.1	174	G	1	AWG 11-7+15-5 Rubber-sheathed cable [SiBN8-F]	0.83-0.91	4/4 3/4 2/4 1/4	25.1 18.8 12.7 6.7	30.1 24.2 19.5 16.5	89.0 89.4 88.4 83.2	0.84 0.78 0.65 0.41
214XVG	-	30	104	1750	30.1	174	G	1	AWG 11-7+15-5 Rubber-sheathed cable [SiBN8-F]	0.83-0.91	4/4 3/4 2/4 1/4	25.1 18.8 12.7 6.7	30.1 24.2 19.5 16.5	89.0 89.4 88.4 83.2	0.84 0.78 0.65 0.41
224UVG	-	30	104	1752	31.5	161	F	1 +1	AWG 9-4 AWG 15-8 Rubber-sheathed cable [SiBN8-F]	0.56-0.60 0.56-0.60	4/4 3/4 2/4 1/4	25.1 18.8 12.7 6.8	31.5 25.1 20.2 17.0	89.0 89.3 88.3 82.7	0.80 0.75 0.63 0.40
224XVG	-	30	104	1752	31.5	161	F	1 +1	AWG 9-4 AWG 15-8 Rubber-sheathed cable [SiBN8-F]	0.56-0.60 0.56-0.60	4/4 3/4 2/4 1/4	25.1 18.8 12.7 6.8	31.5 25.1 20.2 17.0	89.0 89.3 88.3 82.7	0.80 0.75 0.63 0.40
304UVG	-	37	104	1755	38.6	208	G	1 +1	AWG 7-4 AWG 15-8 Rubber-sheathed cable [SiBN8-F]	0.72-0.77 0.56-0.60	4/4 3/4 2/4 1/4	30.7 23.0 15.5 8.3	38.6 31.2 24.7 20.8	89.9 90.1 88.9 83.4	0.80 0.74 0.63 0.40
304XVG	-	37	104	1755	38.6	208	G	1 +1	AWG 7-4 AWG 15-8 Rubber-sheathed cable [SiBN8-F]	0.72-0.77 0.56-0.60	4/4 3/4 2/4 1/4	30.7 23.0 15.5 8.3	38.6 31.2 24.7 20.8	89.9 90.1 88.9 83.4	0.80 0.74 0.63 0.40
344UVG	-	45	104	1758	44.6	259	G	1 +1	AWG 7-4 AWG 15-8 Rubber-sheathed cable [SiBN8-F]	0.72-0.77 0.56-0.60	4/4 3/4 2/4 1/4	36.9 27.6 18.7 9.7	44.6 34.6 26.5 20.4	91.0 91.2 89.6 86.1	0.83 0.80 0.71 0.48
344XVG	-	45	104	1758	44.6	259	G	1 +1	AWG 7-4 AWG 15-8 Rubber-sheathed cable [SiBN8-F]	0.72-0.77 0.56-0.60	4/4 3/4 2/4 1/4	36.9 27.6 18.7 9.7	44.6 34.6 26.5 20.4	91.0 91.2 89.6 86.1	0.83 0.80 0.71 0.48
404UVG	-	54	104	1758	54.2	320	G	1 +1	AWG 5-4 AWG 15-8 Rubber-sheathed cable [SiBN8-F]	0.89-0.94 0.56-0.60	4/4 3/4 2/4 1/4	44.2 33.1 22.5 11.7	54.2 42.6 33.1 26.1	91.1 91.3 89.7 86.1	0.82 0.78 0.68 0.45
404XVG	-	54	104	1758	54.2	320	G	1 +1	AWG 5-4 AWG 15-8 Rubber-sheathed cable [SiBN8-F]	0.89-0.94 0.56-0.60	4/4 3/4 2/4 1/4	44.2 33.1 22.5 11.7	54.2 42.6 33.1 26.1	91.1 91.3 89.7 86.1	0.82 0.78 0.68 0.45
704UTG	-	95	104	1765	92.8	576	G	2 +1	AWG 7-4 AWG 15-10 Rubber-sheathed cable [SiBN8-F]	0.72-0.77 0.63-0.67	4/4 3/4 2/4 1/4	78.3 58.8 40.0 21.1	92.8 72.0 55.2 40.0	90.5 90.3 88.5 84.0	0.85 0.82 0.73 0.53

Motor type	Efficiency class	Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _h	LRA I _s	NEMA ⁵⁾	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
		[hp]	[°F]	[rpm]	[A]	[A]	-	Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
								[-]	[-]	[inch]	[-]	[kW]	[A]	[%]	[-]
704XTG	-	95	104	1765	92.8	576	G	2 +1	AWG 7-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	0.72-0.77 0.63-0.67	4/4 3/4 2/4 1/4	78.3 58.8 40.0 21.1	92.8 72.0 55.2 40.0	90.5 90.3 88.5 84.0	0.85 0.82 0.73 0.53
904UTG	-	120	104	1772	117	817	H	2 +1	AWG 5-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	0.89-0.94 0.63-0.67	4/4 3/4 2/4 1/4	97.6 73.4 49.9 26.5	117 92 70 53	91.7 91.5 89.7 84.5	0.84 0.80 0.71 0.50
904XTG	-	120	104	1772	117	817	H	2 +1	AWG 5-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	0.89-0.94 0.63-0.67	4/4 3/4 2/4 1/4	97.6 73.4 49.9 26.5	117 92 70 53	91.7 91.5 89.7 84.5	0.84 0.80 0.71 0.50
1054UTG	-	140	104	1772	135	987	H	2 +1	AWG 3-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.06-1.13 0.63-0.67	4/4 3/4 2/4 1/4	113 85 58 31	135 109 83 64	92.2 91.7 90.2 85.0	0.84 0.79 0.70 0.48
1054XTG	-	140	104	1772	135	987	H	2 +1	AWG 3-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.06-1.13 0.63-0.67	4/4 3/4 2/4 1/4	113 85 58 31	135 109 83 64	92.2 91.7 90.2 85.0	0.84 0.79 0.70 0.48
1304UTG	-	175	104	1768	165	1089	G	2 +1	AWG 1-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.19-1.27 0.63-0.67	4/4 3/4 2/4 1/4	141 106 72 37	165 129 94 66	92.4 92.0 91.3 87.7	0.86 0.83 0.76 0.56
1304XTG	-	175	104	1768	165	1089	G	2 +1	AWG 1-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.19-1.27 0.63-0.67	4/4 3/4 2/4 1/4	141 106 72 37	165 129 94 66	92.4 92.0 91.3 87.7	0.86 0.83 0.76 0.56
1504UTG	-	200	104	1780	181	1305	H	2 +1	AWG 1-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.19-1.27 0.63-0.67	4/4 3/4 2/4 1/4	160 121 82 43	181 139 103 72	93.0 92.6 90.9 86.5	0.89 0.87 0.80 0.60
1504XTG	-	200	104	1780	181	1305	H	2 +1	AWG 1-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.19-1.27 0.63-0.67	4/4 3/4 2/4 1/4	160 121 82 43	181 139 103 72	93.0 92.6 90.9 86.5	0.89 0.87 0.80 0.60
1704UTG	-	230	104	1780	210	1513	H	2 +1	AWG 1/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.37-1.45 0.63-0.67	4/4 3/4 2/4 1/4	184 139 94 49	210 165 121 87	93.1 92.4 91.2 87.0	0.88 0.85 0.78 0.57
1704XTG	-	230	104	1780	210	1513	H	2 +1	AWG 1/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.37-1.45 0.63-0.67	4/4 3/4 2/4 1/4	184 139 94 49	210 165 121 87	93.1 92.4 91.2 87.0	0.88 0.85 0.78 0.57
1904UTG	-	255	104	1780	230	1727	H	2 +1	AWG 1/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.37-1.45 0.63-0.67	4/4 3/4 2/4 1/4	203 153 104 54	230 182 132 92	93.5 93.3 91.7 87.9	0.89 0.84 0.79 0.59
1904XTG	-	255	104	1780	230	1727	H	2 +1	AWG 1/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.37-1.45 0.63-0.67	4/4 3/4 2/4 1/4	203 153 104 54	230 182 132 92	93.5 93.3 91.7 87.9	0.89 0.84 0.79 0.59
2154UTG	-	290	104	1781	263	2026	H	2 +1	AWG 3/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.52-1.64 0.63-0.67	4/4 3/4 2/4 1/4	231 174 118 62	263 206 156 113	93.6 93.3 91.8 87.8	0.88 0.85 0.76 0.55
2154XTG	-	290	104	1781	263	2026	H	2 +1	AWG 3/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.52-1.64 0.63-0.67	4/4 3/4 2/4 1/4	231 174 118 62	263 206 156 113	93.6 93.3 91.8 87.8	0.88 0.85 0.76 0.55

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AmaCan D/AmaCan P, 6-pole, 575 V, 60 Hz, 3~
Table 10: Motor data, 60 Hz, 3~

Asynchronous motor without efficiency classification

Motor type	Efficiency class	Motor rating P ₂	Max. fluid tem- perature T	Nominal motor speed n _n	FLA I _h	LRA I _s	NEMA ⁵⁾	Power cable + sensor cable			Electrical motor values refer- ring to motor rating P ₂				
		[hp]	[°F]	[rpm]	[A]	[A]	-	Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power fac- tor cos φ
								[-]	[-]	[inch]	[-]	[kW]	[A]	[%]	[-]
76UVG	-	10	104	1156	11.6	64	H	1	AWG 15-12 Rubber-sheathed cable [SiBN8-F]	0.65-0.69	4/4 3/4 2/4 1/4	8.77 6.56 4.42 2.34	11.6 9.4 7.9 6.9	85.0 85.2 84.4 79.8	0.76 0.70 0.56 0.34
76XVG	-	10	104	1156	11.6	64	H	1	AWG 15-12 Rubber-sheathed cable [SiBN8-F]	0.65-0.69	4/4 3/4 2/4 1/4	8.77 6.56 4.42 2.34	11.6 9.4 7.9 6.9	85.0 85.2 84.4 79.8	0.76 0.70 0.56 0.34
116UVG	-	15	104	1156	17.4	88	G	1	AWG 15-12 Rubber-sheathed cable [SiBN8-F]	0.65-0.69	4/4 3/4 2/4 1/4	13.2 9.9 6.7 3.7	17.4 14.2 12.0 10.5	84.8 85.0 83.6 76.6	0.76 0.70 0.56 0.35
116XVG	-	15	104	1156	17.4	88	G	1	AWG 15-12 Rubber-sheathed cable [SiBN8-F]	0.65-0.69	4/4 3/4 2/4 1/4	13.2 9.9 6.7 3.7	17.4 14.2 12.0 10.5	84.8 85.0 83.6 76.6	0.76 0.70 0.56 0.35
186UVG	-	25	104	1151	27.8	155	G	1 +1	AWG 11-4 AWG 15-8 Rubber-sheathed cable [SiBN8-F]	0.49-0.53 0.56-0.60	4/4 3/4 2/4 1/4	21.8 16.3 11.1 5.8	27.8 23.1 19.0 15.8	85.4 85.6 83.8 79.7	0.79 0.71 0.59 0.37
186XVG	-	25	104	1151	27.8	155	G	1 +1	AWG 11-4 AWG 15-8 Rubber-sheathed cable [SiBN8-F]	0.49-0.53 0.56-0.60	4/4 3/4 2/4 1/4	21.8 16.3 11.1 5.8	27.8 23.1 19.0 15.8	85.4 85.6 83.8 79.7	0.79 0.71 0.59 0.37
256UVG	-	33	104	1163	32.7	183	F	1 +1	AWG 9-4 AWG 15-8 Rubber-sheathed cable [SiBN8-F]	0.56-0.60 0.56-0.60	4/4 3/4 2/4 1/4	27.4 20.6 13.8 7.1	32.7 25.4 19.0 14.2	89.8 89.8 88.9 86.6	0.84 0.81 0.73 0.50
256XVG	-	33	104	1163	32.7	183	F	1 +1	AWG 9-4 AWG 15-8 Rubber-sheathed cable [SiBN8-F]	0.56-0.60 0.56-0.60	4/4 3/4 2/4 1/4	27.4 20.6 13.8 7.1	32.7 25.4 19.0 14.2	89.8 89.8 88.9 86.6	0.84 0.81 0.73 0.50
306UVG	-	40	104	1159	40.3	220	F	1 +1	AWG 7-4 AWG 15-8 Rubber-sheathed cable [SiBN8-F]	0.72-0.77 0.56-0.60	4/4 3/4 2/4 1/4	33.3 25.2 17.3 9.0	40.3 31.7 24.9 18.8	89.5 88.7 86.0 82.9	0.83 0.80 0.70 0.48
306XVG	-	40	104	1159	40.3	220	F	1 +1	AWG 7-4 AWG 15-8 Rubber-sheathed cable [SiBN8-F]	0.72-0.77 0.56-0.60	4/4 3/4 2/4 1/4	33.3 25.2 17.3 9.0	40.3 31.7 24.9 18.8	89.5 88.7 86.0 82.9	0.83 0.80 0.70 0.48
356UVG	-	47	104	1161	47.9	274	G	1 +1	AWG 7-4 AWG 15-8 Rubber-sheathed cable [SiBN8-F]	0.72-0.77 0.56-0.60	4/4 3/4 2/4 1/4	39.1 29.7 20.3 10.6	47.9 38.7 30.4 23.7	89.6 88.6 86.4 82.6	0.82 0.77 0.67 0.45
356XVG	-	47	104	1161	47.9	274	G	1 +1	AWG 7-4 AWG 15-8 Rubber-sheathed cable [SiBN8-F]	0.72-0.77 0.56-0.60	4/4 3/4 2/4 1/4	39.1 29.7 20.3 10.6	47.9 38.7 30.4 23.7	89.6 88.6 86.4 82.6	0.82 0.77 0.67 0.45
406UVG	-	54	104	1160	54.3	304	G	1 +1	AWG 5-4 AWG 15-8 Rubber-sheathed cable [SiBN8-F]	0.89-0.94 0.56-0.60	4/4 3/4 2/4 1/4	44.9 34.0 23.3 12.5	54.3 43.2 37.1 27.4	89.7 88.8 86.5 80.4	0.83 0.79 0.63 0.46
406XVG	-	54	104	1160	54.3	304	G	1 +1	AWG 5-4 AWG 15-8 Rubber-sheathed cable [SiBN8-F]	0.89-0.94 0.56-0.60	4/4 3/4 2/4 1/4	44.9 34.0 23.3 12.5	54.3 43.2 37.1 27.4	89.7 88.8 86.5 80.4	0.83 0.79 0.63 0.46
476UTG	-	60	104	1180	57.4	350	G	2 +1	AWG 9-4 AWG 15-10 Rubber-sheathed cable [SiBN8-F]	0.56-0.60 0.63-0.67	4/4 3/4 2/4 1/4	50.3 37.8 25.7 13.9	57.4 44.2 32.6 23.3	89.0 88.8 87.2 80.4	0.88 0.86 0.79 0.60

Motor type	Efficiency class	Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _h	LRA I _s	NEMA ⁵⁾	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
		[hp]	[°F]	[rpm]	[A]	[A]	-	Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
								[-]	[-]	[inch]	[-]	[kW]	[A]	[%]	[-]
476XTG	-	60	104	1180	57.4	350	G	2 +1	AWG 9-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	0.56-0.60 0.63-0.67	4/4 3/4 2/4 1/4	50.3 37.8 25.7 13.9	57.4 44.2 32.6 23.3	89.0 88.8 87.2 80.4	0.88 0.86 0.79 0.60
606UTG	-	80	104	1179	80.8	469	G	2 +1	AWG 7-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	0.72-0.77 0.63-0.67	4/4 3/4 2/4 1/4	67.3 50.6 34.1 18.4	80.8 63.2 48.8 37.6	88.7 88.4 87.4 80.9	0.84 0.80 0.70 0.49
606XTG	-	80	104	1179	80.8	469	G	2 +1	AWG 7-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	0.72-0.77 0.63-0.67	4/4 3/4 2/4 1/4	67.3 50.6 34.1 18.4	80.8 63.2 48.8 37.6	88.7 88.4 87.4 80.9	0.84 0.80 0.70 0.49
806UTG	-	100	104	1179	95.2	557	F	2 +1	AWG 5-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	0.89-0.94 0.63-0.67	4/4 3/4 2/4 1/4	82.7 62.1 41.9 22.3	95.2 74.4 55.2 40.8	90.2 90.1 89.0 83.8	0.87 0.84 0.76 0.55
806XTG	-	100	104	1179	95.2	557	F	2 +1	AWG 5-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	0.89-0.94 0.63-0.67	4/4 3/4 2/4 1/4	82.7 62.1 41.9 22.3	95.2 74.4 55.2 40.8	90.2 90.1 89.0 83.8	0.87 0.84 0.76 0.55
1006UTG	-	135	104	1180	127	735	F	2 +1	AWG 3-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.06-1.13 0.63-0.67	4/4 3/4 2/4 1/4	112 84 57 30	127 100 77 61	90.3 90.1 88.9 83.6	0.88 0.84 0.74 0.50
1006XTG	-	135	104	1180	127	735	F	2 +1	AWG 3-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.06-1.13 0.63-0.67	4/4 3/4 2/4 1/4	112 84 57 30	127 100 77 61	90.3 90.1 88.9 83.6	0.88 0.84 0.74 0.50
1206UTG	-	154	104	1180	145	913	G	2 +1	AWG 3-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.06-1.13 0.63-0.67	4/4 3/4 2/4 1/4	127 95 64 34	145 115 91 72	90.6 90.5 89.2 83.7	0.88 0.83 0.71 0.48
1206XTG	-	154	104	1180	145	913	G	2 +1	AWG 3-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.06-1.13 0.63-0.67	4/4 3/4 2/4 1/4	127 95 64 34	145 115 91 72	90.6 90.5 89.2 83.7	0.88 0.83 0.71 0.48
1556UTG	-	200	104	1185	179	1199	G	2 +1	AWG 1-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.19-1.27 0.63-0.67	4/4 3/4 2/4 1/4	161 120 81 42	179 138 104 78	92.8 92.9 92.3 88.6	0.90 0.88 0.78 0.54
1556XTG	-	200	104	1185	179	1199	G	2 +1	AWG 1-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.19-1.27 0.63-0.67	4/4 3/4 2/4 1/4	161 120 81 42	179 138 104 78	92.8 92.9 92.3 88.6	0.90 0.88 0.78 0.54
1806UTG	-	240	104	1180	220	1386	G	2 +1	AWG 1/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.37-1.45 0.63-0.67	4/4 3/4 2/4 1/4	193 144 97 50	220 170 122 85	92.9 93.1 92.6 89.6	0.88 0.85 0.79 0.59
1806XTG	-	240	104	1180	220	1386	G	2 +1	AWG 1/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.37-1.45 0.63-0.67	4/4 3/4 2/4 1/4	193 144 97 50	220 170 122 85	92.9 93.1 92.6 89.6	0.88 0.85 0.79 0.59
2056UTG	-	275	104	1185	261	1777	H	2 +1	AWG 3/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.52-1.64 0.63-0.67	4/4 3/4 2/4 1/4	221 166 111 58	261 206 155 119	93.0 92.9 92.3 88.4	0.85 0.81 0.72 0.49
2056XTG	-	275	104	1185	261	1777	H	2 +1	AWG 3/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.52-1.64 0.63-0.67	4/4 3/4 2/4 1/4	221 166 111 58	261 206 155 119	93.0 92.9 92.3 88.4	0.85 0.81 0.72 0.49
2506UTG	-	335	104	1190	300	1740	F	4 +1	AWG 3-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.06-1.13 0.63-0.67	4/4 3/4 2/4 1/4	269 202 135 71	300 230 164 110	93.0 92.9 92.3 88.3	0.90 0.88 0.83 0.65

Motor type	Efficiency class	Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _n	LRA I _s	NEMA ⁵⁾	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
		[hp]	[°F]	[rpm]	[A]	[A]	-	Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
								[-]	[-]	[inch]	[-]	[kW]	[A]	[%]	[-]
2506XTG	-	335	104	1190	300	1740	F	4 +1	AWG 3-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.06-1.13 0.63-0.67	4/4 3/4 2/4 1/4	269 202 135 71	300 230 164 110	93.0 92.9 92.3 88.3	0.90 0.88 0.83 0.65
2906UTG	-	389	104	1191	346	2146	F	4 +1	AWG 1-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.19-1.27 0.63-0.67	4/4 3/4 2/4 1/4	311 234 157 82	346 273 200 140	93.3 93.1 92.3 88.2	0.90 0.86 0.79 0.59
2906XTG	-	389	104	1191	346	2146	F	4 +1	AWG 1-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.19-1.27 0.63-0.67	4/4 3/4 2/4 1/4	311 234 157 82	346 273 200 140	93.3 93.1 92.3 88.2	0.90 0.86 0.79 0.59
3406UTG	-	455	104	1191	404	2586	G	4 +1	AWG 1-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.19-1.27 0.63-0.67	4/4 3/4 2/4 1/4	362 273 184 95	404 314 230 157	93.7 93.4 92.4 89.0	0.90 0.87 0.80 0.61
3406XTG	-	455	104	1191	404	2586	G	4 +1	AWG 1-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.19-1.27 0.63-0.67	4/4 3/4 2/4 1/4	362 273 184 95	404 314 230 157	93.7 93.4 92.4 89.0	0.90 0.87 0.80 0.61

AmaCan D/AmaCan P, 8-pole, 575 V, 60 Hz, 3~
Table 11: Motor data, 60 Hz, 3~

Asynchronous motor without efficiency classification

Motor type	Efficiency class	Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _h	LRA I _s	NEMA ⁵⁾	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
		[hp]	[°F]	[rpm]	[A]	[A]	-	Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
								[-]	[-]	[inch]	[-]	[kW]	[A]	[%]	[-]
308UTG	-	40	104	887	43.0	245	G	2 +1	AWG 11-4	0.49-0.53 0.63-0.67	4/4	34.3	43.0	87.1	0.80
									AWG 15-10		3/4	25.7	34.3	87.2	0.75
									Rubber-sheathed cable [S1BN8-F]		2/4	17.6	27.6	84.8	0.64
											1/4	9.7	22.8	76.5	0.43
308XTG	-	40	104	887	43.0	245	G	2 +1	AWG 11-4	0.49-0.53 0.63-0.67	4/4	34.3	43.0	87.1	0.80
									AWG 15-10		3/4	25.7	34.3	87.2	0.75
									Rubber-sheathed cable [S1BN8-F]		2/4	17.6	27.6	84.8	0.64
											1/4	9.7	22.8	76.5	0.43
408UTG	-	55	104	883	59.1	296	F	2 +1	AWG 9-4	0.56-0.60 0.63-0.67	4/4	47.1	59.1	87.1	0.80
									AWG 15-10		3/4	35.4	47.4	87.0	0.75
									Rubber-sheathed cable [S1BN8-F]		2/4	23.9	37.5	85.7	0.64
											1/4	13.0	30.4	78.7	0.43
408XTG	-	55	104	883	59.1	296	F	2 +1	AWG 9-4	0.56-0.60 0.63-0.67	4/4	47.1	59.1	87.1	0.80
									AWG 15-10		3/4	35.4	47.4	87.0	0.75
									Rubber-sheathed cable [S1BN8-F]		2/4	23.9	37.5	85.7	0.64
											1/4	13.0	30.4	78.7	0.43
558UTG	-	75	104	884	83.2	432	G	2 +1	AWG 7-4	0.72-0.77 0.63-0.67	4/4	63.8	83.2	87.7	0.77
									AWG 15-10		3/4	47.9	68.8	87.5	0.70
									Rubber-sheathed cable [S1BN8-F]		2/4	32.9	56.8	85.1	0.58
											1/4	18.0	48.8	77.7	0.37
558XTG	-	75	104	884	83.2	432	G	2 +1	AWG 7-4	0.72-0.77 0.63-0.67	4/4	63.8	83.2	87.7	0.77
									AWG 15-10		3/4	47.9	68.8	87.5	0.70
									Rubber-sheathed cable [S1BN8-F]		2/4	32.9	56.8	85.1	0.58
											1/4	18.0	48.8	77.7	0.37
708UTG	-	95	104	880	106	498	F	2 +1	AWG 5-4	0.89-0.94 0.63-0.67	4/4	80.7	106	87.8	0.76
									AWG 15-10		3/4	60.4	88	88.0	0.69
									Rubber-sheathed cable [S1BN8-F]		2/4	40.5	73	87.5	0.56
											1/4	21.8	62	81.3	0.35
708XTG	-	95	104	880	106	498	F	2 +1	AWG 5-4	0.89-0.94 0.63-0.67	4/4	80.7	106	87.8	0.76
									AWG 15-10		3/4	60.4	88	88.0	0.69
									Rubber-sheathed cable [S1BN8-F]		2/4	40.5	73	87.5	0.56
											1/4	21.8	62	81.3	0.35
958UTG	-	125	104	871	141	745	G	2 +1	AWG 3-4	1.06-1.13 0.63-0.67	4/4	105	141	88.5	0.75
									AWG 15-10		3/4	79	119	88.6	0.66
									Rubber-sheathed cable [S1BN8-F]		2/4	53	102	87.4	0.53
											1/4	29	90	81.5	0.32
958XTG	-	125	104	871	141	745	G	2 +1	AWG 3-4	1.06-1.13 0.63-0.67	4/4	105	141	88.5	0.75
									AWG 15-10		3/4	79	119	88.6	0.66
									Rubber-sheathed cable [S1BN8-F]		2/4	53	102	87.4	0.53
											1/4	29	90	81.5	0.32
1208UTG	-	160	104	885	162	859	F	2 +1	AWG 3-4	1.06-1.13 0.63-0.67	4/4	130	162	92.0	0.80
									AWG 15-10		3/4	97	130	91.9	0.75
									Rubber-sheathed cable [S1BN8-F]		2/4	66	103	90.7	0.64
											1/4	35	83	85.5	0.42
1208XTG	-	160	104	885	162	859	F	2 +1	AWG 3-4	1.06-1.13 0.63-0.67	4/4	130	162	92.0	0.80
									AWG 15-10		3/4	97	130	91.9	0.75
									Rubber-sheathed cable [S1BN8-F]		2/4	66	103	90.7	0.64
											1/4	35	83	85.5	0.42
1408UTG	-	185	104	887	194	1086	G	2 +1	AWG 1-4	1.19-1.27 0.63-0.67	4/4	150	194	91.9	0.78
									AWG 15-10		3/4	113	158	91.7	0.72
									Rubber-sheathed cable [S1BN8-F]		2/4	76	128	90.3	0.60
											1/4	40	106	85.8	0.38
1408XTG	-	185	104	887	194	1086	G	2 +1	AWG 1-4	1.19-1.27 0.63-0.67	4/4	150	194	91.9	0.78
									AWG 15-10		3/4	113	158	91.7	0.72
									Rubber-sheathed cable [S1BN8-F]		2/4	76	128	90.3	0.60
											1/4	40	106	85.8	0.38
1608UTG	-	215	104	888	221	1259	G	2 +1	AWG 1/0-4	1.37-1.45 0.63-0.67	4/4	174	221	92.3	0.79
									AWG 15-10		3/4	131	180	92.1	0.73
									Rubber-sheathed cable [S1BN8-F]		2/4	88	143	90.7	0.62
											1/4	47	118	85.3	0.40

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Motor type	Efficiency class	Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _n	LRA I _s	NEMA ⁵⁾	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
		[hp]	[°F]	[rpm]	[A]	[A]	-	Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
								[-]	[-]	[inch]	[-]	[kW]	[A]	[%]	[-]
1608XTG	-	215	104	888	221	1259	G	2 +1	AWG 1/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.37-1.45 0.63-0.67	4/4 3/4 2/4 1/4	174 131 88 47	221 180 143 118	92.3 92.1 90.7 85.3	0.79 0.73 0.62 0.40
2058UTG	-	275	104	894	266	1434	F	4 +1	AWG 3-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.06-1.13 0.63-0.67	4/4 3/4 2/4 1/4	221 166 112 59	266 211 166 132	93.0 92.7 91.5 86.7	0.83 0.79 0.68 0.45
2058XTG	-	275	104	894	266	1434	F	4 +1	AWG 3-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.06-1.13 0.63-0.67	4/4 3/4 2/4 1/4	221 166 112 59	266 211 166 132	93.0 92.7 91.5 86.7	0.83 0.79 0.68 0.45
2508UTG	-	335	104	894	322	1738	F	4 +1	AWG 3-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.06-1.13 0.63-0.67	4/4 3/4 2/4 1/4	269 203 137 73	322 261 209 166	92.8 92.4 90.9 85.8	0.84 0.78 0.66 0.44
2508XTG	-	335	104	894	322	1738	F	4 +1	AWG 3-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.06-1.13 0.63-0.67	4/4 3/4 2/4 1/4	269 203 137 73	322 261 209 166	92.8 92.4 90.9 85.8	0.84 0.78 0.66 0.44
2908UTG	-	390	104	894	383	2145	F	4 +1	AWG 1-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.19-1.27 0.63-0.67	4/4 3/4 2/4 1/4	313 236 159 84	383 303 239 197	93.0 92.6 91.2 86.3	0.82 0.78 0.67 0.43
2908XTG	-	390	104	894	383	2145	F	4 +1	AWG 1-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.19-1.27 0.63-0.67	4/4 3/4 2/4 1/4	313 236 159 84	383 303 239 197	93.0 92.6 91.2 86.3	0.82 0.78 0.67 0.43

Asynchronous motor with efficiency classification

AmaCan D/AmaCan P, 4-pole, 380 V, 60 Hz, 3~

Table 12: Motor data, 60 Hz, 3~

Submersible motor with efficiency classification

Motor type	Efficiency class	Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _n	LRA I _s	NEMA ⁵⁾	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
		[hp]	[°F]	[rpm]	[A]	[A]	-	Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
								[-]	[-]	[inch]	[-]	[kW]	[A]	[%]	[-]
804UTG	IE3	50	104	1784	69.7	539	J	2 +1	AWG 7-4	0.72-0.77	4/4	39.5	69.7	94.5	0.86
									AWG 15-10	0.63-0.67	3/4	29.9	55.4	93.5	0.82
									Rubber-sheathed cable [S1BN8-F]		2/4	20.2	41.4	92.5	0.74
											1/4	10.5	30.6	89.1	0.52
804XTG	IE3	50	104	1784	69.7	539	J	2 +1	AWG 7-4	0.72-0.77	4/4	39.5	69.7	94.5	0.86
									AWG 15-10	0.63-0.67	3/4	29.9	55.4	93.5	0.82
									Rubber-sheathed cable [S1BN8-F]		2/4	20.2	41.4	92.5	0.74
											1/4	10.5	30.6	89.1	0.52
904UTG	IE3	60	104	1784	83.2	642	H	2 +1	AWG 7-4	0.72-0.77	4/4	47.1	83.2	95.0	0.86
									AWG 15-10	0.63-0.67	3/4	35.5	65.0	94.5	0.83
									Rubber-sheathed cable [S1BN8-F]		2/4	24.1	48.8	93.0	0.75
											1/4	12.3	34.6	90.9	0.54
904XTG	IE3	60	104	1784	83.2	642	H	2 +1	AWG 7-4	0.72-0.77	4/4	47.1	83.2	95.0	0.86
									AWG 15-10	0.63-0.67	3/4	35.5	65.0	94.5	0.83
									Rubber-sheathed cable [S1BN8-F]		2/4	24.1	48.8	93.0	0.75
											1/4	12.3	34.6	90.9	0.54
1054UTG	IE3	75	104	1782	102	735	H	2 +1	AWG 5-4	0.89-0.94	4/4	58.6	102	95.4	0.87
									AWG 15-10	0.63-0.67	3/4	44.3	79	94.8	0.85
									Rubber-sheathed cable [S1BN8-F]		2/4	29.9	58	93.5	0.78
											1/4	15.4	40	91.0	0.59
1054XTG	IE3	75	104	1782	102	735	H	2 +1	AWG 5-4	0.89-0.94	4/4	58.6	102	95.4	0.87
									AWG 15-10	0.63-0.67	3/4	44.3	79	94.8	0.85
									Rubber-sheathed cable [S1BN8-F]		2/4	29.9	58	93.5	0.78
											1/4	15.4	40	91.0	0.59
1304UTG	IE3	100	104	1782	138	1035	H	2 +1	AWG 3-4	1.06-1.13	4/4	78.2	138	95.4	0.86
									AWG 15-10	0.63-0.67	3/4	59.1	108	94.7	0.83
									Rubber-sheathed cable [S1BN8-F]		2/4	39.7	80	93.9	0.76
											1/4	20.4	56	91.6	0.56
1304XTG	IE3	100	104	1782	138	1035	H	2 +1	AWG 3-4	1.06-1.13	4/4	78.2	138	95.4	0.86
									AWG 15-10	0.63-0.67	3/4	59.1	108	94.7	0.83
									Rubber-sheathed cable [S1BN8-F]		2/4	39.7	80	93.9	0.76
											1/4	20.4	56	91.6	0.56
2754UTG	IE3	200	104	1790	253	1949	H	2 +1	AWG 1/0-4	1.37-1.45	4/4	155	253	96.2	0.93
									AWG 15-10	0.63-0.67	3/4	117	196	95.3	0.91
									Rubber-sheathed cable [S1BN8-F]		2/4	80	139	93.7	0.87
											1/4	41	87	90.7	0.72
2754XTG	IE3	200	104	1790	253	1949	H	2 +1	AWG 1/0-4	1.37-1.45	4/4	155	253	96.2	0.93
									AWG 15-10	0.63-0.67	3/4	117	196	95.3	0.91
									Rubber-sheathed cable [S1BN8-F]		2/4	80	139	93.7	0.87
											1/4	41	87	90.7	0.72
3004UTG	IE3	290	104	1791	372	2939	H	4 +1	AWG 1-4	1.19-1.27	4/4	225	372	96.2	0.92
									AWG 15-10	0.63-0.67	3/4	170	287	95.6	0.90
									Rubber-sheathed cable [S1BN8-F]		2/4	115	206	94.1	0.85
											1/4	59	132	91.3	0.68
3004XTG	IE3	290	104	1791	372	2939	H	4 +1	AWG 1-4	1.19-1.27	4/4	225	372	96.2	0.92
									AWG 15-10	0.63-0.67	3/4	170	287	95.6	0.90
									Rubber-sheathed cable [S1BN8-F]		2/4	115	206	94.1	0.85
											1/4	59	132	91.3	0.68

AmaCan D/AmaCan P, 6-pole, 380 V, 60 Hz, 3~
Table 13: Motor data, 60 Hz, 3~

Submersible motor with efficiency classification

Motor type	Efficiency class	Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _h	LRA I _s	NEMA ⁵⁾	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
								Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
		[hp]	[°F]	[rpm]	[A]	[A]		[-]	[-]	[inch]	[-]	[kW]	[A]	[%]	[-]
476UTG	IE3	25	104	1190	34.3	296	J	2 +1	AWG 11-4	0.49-0.53 0.63-0.67	4/4	20.1	34.3	93.0	0.89
									AWG 15-10		3/4	15.1	26.9	92.6	0.85
									Rubber-sheathed cable [S1BN8-F]		2/4	10.2	20.5	91.8	0.75
											1/4	5.3	15.1	87.9	0.53
476XTG	IE3	25	104	1190	34.3	296	J	2 +1	AWG 11-4	0.49-0.53 0.63-0.67	4/4	20.1	34.3	93.0	0.89
									AWG 15-10		3/4	15.1	26.9	92.6	0.85
									Rubber-sheathed cable [S1BN8-F]		2/4	10.2	20.5	91.8	0.75
											1/4	5.3	15.1	87.9	0.53
656UTG	IE3	30	104	1190	40.8	357	J	2 +1	AWG 11-4	0.49-0.53 0.63-0.67	4/4	24.1	40.8	93.0	0.90
									AWG 15-10		3/4	18.2	32.7	92.3	0.85
									Rubber-sheathed cable [S1BN8-F]		2/4	12.2	24.8	91.6	0.75
											1/4	6.3	18.2	88.8	0.53
656XTG	IE3	30	104	1190	40.8	357	J	2 +1	AWG 11-4	0.49-0.53 0.63-0.67	4/4	24.1	40.8	93.0	0.90
									AWG 15-10		3/4	18.2	32.7	92.3	0.85
									Rubber-sheathed cable [S1BN8-F]		2/4	12.2	24.8	91.6	0.75
											1/4	6.3	18.2	88.8	0.53
806UTG	IE3	40	104	1190	54.1	466	J	2 +1	AWG 9-4	0.56-0.60 0.63-0.67	4/4	31.7	54.1	94.1	0.89
									AWG 15-10		3/4	23.9	43.2	93.6	0.84
									Rubber-sheathed cable [S1BN8-F]		2/4	16.1	33.0	92.8	0.74
											1/4	8.3	25.2	90.2	0.50
806XTG	IE3	40	104	1190	54.1	466	J	2 +1	AWG 9-4	0.56-0.60 0.63-0.67	4/4	31.7	54.1	94.1	0.89
									AWG 15-10		3/4	23.9	43.2	93.6	0.84
									Rubber-sheathed cable [S1BN8-F]		2/4	16.1	33.0	92.8	0.74
											1/4	8.3	25.2	90.2	0.50
1006UTG	IE3	50	104	1190	68.2	582	J	2 +1	AWG 7-4	0.72-0.77 0.63-0.67	4/4	39.9	68.2	93.4	0.89
									AWG 15-10		3/4	30.0	53.7	93.1	0.85
									Rubber-sheathed cable [S1BN8-F]		2/4	20.2	40.9	92.4	0.75
											1/4	10.3	30.1	90.4	0.52
1006XTG	IE3	50	104	1190	67.7	577	J	2 +1	AWG 7-4	0.72-0.77 0.63-0.67	4/4	39.6	67.7	94.1	0.89
									AWG 15-10		3/4	29.9	53.5	93.6	0.85
									Rubber-sheathed cable [S1BN8-F]		2/4	20.1	40.7	92.9	0.75
											1/4	10.3	30.1	90.4	0.52
1206UTG	IE3	60	104	1190	80.9	712	J	2 +1	AWG 7-4	0.72-0.77 0.63-0.67	4/4	47.4	80.9	94.5	0.89
									AWG 15-10		3/4	35.9	64.2	93.6	0.85
									Rubber-sheathed cable [S1BN8-F]		2/4	24.1	48.9	92.7	0.75
											1/4	12.3	36.1	90.8	0.52
1206XTG	IE3	60	104	1190	80.9	712	J	2 +1	AWG 7-4	0.72-0.77 0.63-0.67	4/4	47.4	80.9	94.5	0.89
									AWG 15-10		3/4	35.9	64.2	93.6	0.85
									Rubber-sheathed cable [S1BN8-F]		2/4	24.1	48.9	92.7	0.75
											1/4	12.3	36.1	90.8	0.52
2506UTG	IE3	180	104	1194	231	1844	H	2 +1	AWG 1/0-4	1.37-1.45 0.63-0.67	4/4	140	231	95.8	0.92
									AWG 15-10		3/4	106	185	94.9	0.87
									Rubber-sheathed cable [S1BN8-F]		2/4	72	137	93.3	0.80
											1/4	37	93	91.4	0.60
2506XTG	IE3	180	104	1194	231	1844	H	2 +1	AWG 1/0-4	1.37-1.45 0.63-0.67	4/4	140	231	95.8	0.92
									AWG 15-10		3/4	106	185	94.9	0.87
									Rubber-sheathed cable [S1BN8-F]		2/4	72	137	93.3	0.80
											1/4	37	93	91.4	0.60
2906UTG	IE3	200	104	1194	257	2006	H	2 +1	AWG 3/0-4	1.52-1.64 0.63-0.67	4/4	156	257	95.8	0.92
									AWG 15-10		3/4	118	206	95.1	0.87
									Rubber-sheathed cable [S1BN8-F]		2/4	79	150	94.5	0.80
											1/4	41	103	91.6	0.60

Motor type	Efficiency class	Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _n	LRA I _s	NEMA ⁵⁾	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
								Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
		[hp]	[°F]	[rpm]	[A]	[A]	-	[-]	[-]	[inch]	[-]	[kW]	[A]	[%]	[-]
2906XTG	IE3	200	104	1194	257	2006	H	2 +1	AWG 3/0-4	1.52-1.64 0.63-0.67	4/4	156	257	95.8	0.92
									AWG 15-10		3/4	118	206	95.1	0.87
									Rubber-sheathed cable		2/4	79	150	94.5	0.80
									[S1BN8-F]		1/4	41	103	91.6	0.60
3406UTG	IE3	240	104	1194	312	2467	H	4 +1	AWG 3-4	1.06-1.13 0.63-0.67	4/4	187	312	95.8	0.91
									AWG 15-10		3/4	141	243	95.2	0.88
									Rubber-sheathed cable		2/4	94	177	94.8	0.81
									[S1BN8-F]		1/4	49	119	92.1	0.62
3406XTG	IE3	240	104	1194	312	2467	H	4 +1	AWG 3-4	1.06-1.13 0.63-0.67	4/4	187	312	95.8	0.91
									AWG 15-10		3/4	141	243	95.2	0.88
									Rubber-sheathed cable		2/4	94	177	94.8	0.81
									[S1BN8-F]		1/4	49	119	92.1	0.62

AmaCan D/AmaCan P, 8-pole, 380 V, 60 Hz, 3~
Table 14: Motor data, 60 Hz, 3~

Submersible motor with efficiency classification

Motor type	Efficiency class	Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _h	LRA I _s	NEMA ⁵⁾	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
		[hp]	[°F]	[rpm]	[A]	[A]		Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
								[-]	[-]	[inch]	[-]	[kW]	[A]	[%]	[-]
408UTG	IE3	25	104	889	38.6	252	H	2 +1	AWG 11-4	0.49-0.53 0.63-0.67	4/4	20.4	38.6	91.6	0.80
									AWG 15-10		3/4	15.3	31.0	91.5	0.75
									Rubber-sheathed cable [S1BN8-F]		2/4	10.3	24.8	90.8	0.63
											1/4	5.4	20.0	86.3	0.41
408XTG	IE3	25	104	889	38.6	252	H	2 +1	AWG 11-4	0.49-0.53 0.63-0.67	4/4	20.4	38.6	91.6	0.80
									AWG 15-10		3/4	15.3	31.0	91.5	0.75
									Rubber-sheathed cable [S1BN8-F]		2/4	10.3	24.8	90.8	0.63
											1/4	5.4	20.0	86.3	0.41
508UTG	IE3	30	104	889	45.6	288	H	2 +1	AWG 11-4	0.49-0.53 0.63-0.67	4/4	24.3	45.6	91.9	0.81
									AWG 15-10		3/4	18.2	36.4	92.0	0.76
									Rubber-sheathed cable [S1BN8-F]		2/4	12.2	28.1	91.6	0.66
											1/4	6.4	22.6	87.1	0.43
508XTG	IE3	30	104	889	45.6	288	H	2 +1	AWG 11-4	0.49-0.53 0.63-0.67	4/4	24.3	45.6	91.9	0.81
									AWG 15-10		3/4	18.2	36.4	92.0	0.76
									Rubber-sheathed cable [S1BN8-F]		2/4	12.2	28.1	91.6	0.66
											1/4	6.4	22.6	87.1	0.43
708UTG	IE3	40	104	889	59.9	373	G	2 +1	AWG 9-4	0.56-0.60 0.63-0.67	4/4	32.4	59.9	92.2	0.82
									AWG 15-10		3/4	24.2	47.8	92.4	0.77
									Rubber-sheathed cable [S1BN8-F]		2/4	16.2	37.3	92.0	0.66
											1/4	8.4	29.8	88.5	0.43
708XTG	IE3	40	104	889	59.9	373	G	2 +1	AWG 9-4	0.56-0.60 0.63-0.67	4/4	32.4	59.9	92.2	0.82
									AWG 15-10		3/4	24.2	47.8	92.4	0.77
									Rubber-sheathed cable [S1BN8-F]		2/4	16.2	37.3	92.0	0.66
											1/4	8.4	29.8	88.5	0.43
958UTG	IE3	60	104	889	90.8	575	H	2 +1	AWG 7-4	0.72-0.77 0.63-0.67	4/4	48.4	90.8	92.4	0.81
									AWG 15-10		3/4	36.4	73.7	92.2	0.75
									Rubber-sheathed cable [S1BN8-F]		2/4	24.3	57.7	91.9	0.64
											1/4	12.5	45.2	89.7	0.42
958XTG	IE3	60	104	889	90.8	575	H	2 +1	AWG 7-4	0.72-0.77 0.63-0.67	4/4	48.4	90.8	92.4	0.81
									AWG 15-10		3/4	36.4	73.7	92.2	0.75
									Rubber-sheathed cable [S1BN8-F]		2/4	24.3	57.7	91.9	0.64
											1/4	12.5	45.2	89.7	0.42
1208UTG	IE3	80	104	891	117	760	G	2 +1	AWG 5-4	0.89-0.94 0.63-0.67	4/4	63.7	117	93.6	0.83
									AWG 15-10		3/4	48.0	92	93.3	0.79
									Rubber-sheathed cable [S1BN8-F]		2/4	32.3	72	92.4	0.68
											1/4	16.6	55	90.1	0.46
1208XTG	IE3	80	104	891	117	760	G	2 +1	AWG 5-4	0.89-0.94 0.63-0.67	4/4	63.7	117	93.6	0.83
									AWG 15-10		3/4	48.0	92	93.3	0.79
									Rubber-sheathed cable [S1BN8-F]		2/4	32.3	72	92.4	0.68
											1/4	16.6	55	90.1	0.46
1408UTG	IE3	100	104	893	148	1007	H	2 +1	AWG 3-4	1.06-1.13 0.63-0.67	4/4	79.7	148	93.6	0.82
									AWG 15-10		3/4	60.1	119	93.0	0.77
									Rubber-sheathed cable [S1BN8-F]		2/4	40.6	93	91.8	0.66
											1/4	21.0	74	88.6	0.43
1408XTG	IE3	100	104	893	148	1007	H	2 +1	AWG 3-4	1.06-1.13 0.63-0.67	4/4	79.7	148	93.6	0.82
									AWG 15-10		3/4	60.1	119	93.0	0.77
									Rubber-sheathed cable [S1BN8-F]		2/4	40.6	93	91.8	0.66
											1/4	21.0	74	88.6	0.43
1608UTG	IE3	120	104	892	172	1152	H	2 +1	AWG 1-4	1.19-1.27 0.63-0.67	4/4	95.1	172	94.1	0.84
									AWG 15-10		3/4	71.5	142	93.9	0.77
									Rubber-sheathed cable [S1BN8-F]		2/4	48.2	109	92.8	0.67
											1/4	24.4	85	91.6	0.44
1608XTG	IE3	120	104	892	172	1152	H	2 +1	AWG 1-4	1.19-1.27 0.63-0.67	4/4	95.1	172	94.1	0.84
									AWG 15-10		3/4	71.5	142	93.9	0.77
									Rubber-sheathed cable [S1BN8-F]		2/4	48.2	109	92.8	0.67
											1/4	24.4	85	91.6	0.44
2058UTG	IE3	160	104	896	240	1709	H	2 +1	AWG 1/0-4	1.37-1.45 0.63-0.67	4/4	127	240	94.3	0.80
									AWG 15-10		3/4	95	196	93.8	0.74
									Rubber-sheathed cable [S1BN8-F]		2/4	65	159	92.5	0.62
											1/4	33	130	89.6	0.39

Motor type	Efficiency class	Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _n	LRA I _s	NEMA ⁵⁾	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
								Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
		[hp]	[°F]	[rpm]	[A]	[A]	-	[-]	[-]	[inch]	[-]	[kW]	[A]	[%]	[-]
2058XTG	IE3	160	104	896	240	1709	H	2 +1	AWG 1/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.37-1.45 0.63-0.67	4/4 3/4 2/4 1/4	127 95 65 33	240 196 159 130	94.3 93.8 92.5 89.6	0.80 0.74 0.62 0.39
2508UTG	IE3	185	104	896	277	1966	H	4 +1	AWG 3-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.06-1.13 0.63-0.67	4/4 3/4 2/4 1/4	146 110 74 38	277 225 182 150	94.5 94.2 93.0 89.8	0.80 0.74 0.62 0.39
2508XTG	IE3	185	104	896	277	1966	H	4 +1	AWG 3-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.06-1.13 0.63-0.67	4/4 3/4 2/4 1/4	146 110 74 38	277 225 182 150	94.5 94.2 93.0 89.8	0.80 0.74 0.62 0.39
2908UTG	IE3	215	104	896	310	2170	H	4 +1	AWG 3-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.06-1.13 0.63-0.67	4/4 3/4 2/4 1/4	169 128 86 44	310 252 199 156	94.7 94.3 93.2 90.9	0.83 0.77 0.66 0.43
2908XTG	IE3	215	104	896	310	2170	H	4 +1	AWG 3-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.06-1.13 0.63-0.67	4/4 3/4 2/4 1/4	169 128 86 44	310 252 199 156	94.7 94.3 93.2 90.9	0.83 0.77 0.66 0.43

AmaCan D/AmaCan P, 4-pole, 460 V, 60 Hz, 3~
Table 15: Motor data, 60 Hz, 3~

Submersible motor with efficiency classification

Motor type	Efficiency class	Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _h	LRA I _s	NEMA ⁵⁾	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
		[hp]	[°F]	[rpm]	[A]	[A]		Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
								[-]	[-]	[inch]	[-]	[kW]	[A]	[%]	[-]
804UTG	IE3	50	104	1784	57.6	445	H	2 +1	AWG 9-4	0.56-0.60 0.63-0.67	4/4	39.5	57.6	94.5	0.86
									AWG 15-10		3/4	29.9	45.8	93.5	0.82
									Rubber-sheathed cable [S1BN8-F]		2/4	20.2	34.2	92.5	0.74
											1/4	10.5	25.3	89.1	0.52
804XTG	IE3	50	104	1784	57.6	445	H	2 +1	AWG 9-4	0.56-0.60 0.63-0.67	4/4	39.5	57.6	94.5	0.86
									AWG 15-10		3/4	29.9	45.8	93.5	0.82
									Rubber-sheathed cable [S1BN8-F]		2/4	20.2	34.2	92.5	0.74
											1/4	10.5	25.3	89.1	0.52
904UTG	IE3	60	104	1784	68.7	530	H	2 +1	AWG 7-4	0.72-0.77 0.63-0.67	4/4	47.1	68.7	95.0	0.86
									AWG 15-10		3/4	35.5	53.7	94.5	0.83
									Rubber-sheathed cable [S1BN8-F]		2/4	24.1	40.3	93.0	0.75
											1/4	12.3	28.6	90.9	0.54
904XTG	IE3	60	104	1784	68.7	530	H	2 +1	AWG 7-4	0.72-0.77 0.63-0.67	4/4	47.1	68.7	95.0	0.86
									AWG 15-10		3/4	35.5	53.7	94.5	0.83
									Rubber-sheathed cable [S1BN8-F]		2/4	24.1	40.3	93.0	0.75
											1/4	12.3	28.6	90.9	0.54
1054UTG	IE3	75	104	1782	84.6	610	H	2 +1	AWG 7-4	0.72-0.77 0.63-0.67	4/4	58.6	84.6	95.4	0.87
									AWG 15-10		3/4	44.3	65.3	94.8	0.85
									Rubber-sheathed cable [S1BN8-F]		2/4	29.9	48.1	93.5	0.78
											1/4	15.4	32.7	91.0	0.59
1054XTG	IE3	75	104	1782	84.6	610	H	2 +1	AWG 7-4	0.72-0.77 0.63-0.67	4/4	58.6	84.6	95.4	0.87
									AWG 15-10		3/4	44.3	65.3	94.8	0.85
									Rubber-sheathed cable [S1BN8-F]		2/4	29.9	48.1	93.5	0.78
											1/4	15.4	32.7	91.0	0.59
1304UTG	IE3	100	104	1782	114	855	H	2 +1	AWG 5-4	0.89-0.94 0.63-0.67	4/4	78.2	114	95.4	0.86
									AWG 15-10		3/4	59.1	89	94.7	0.83
									Rubber-sheathed cable [S1BN8-F]		2/4	39.7	66	93.9	0.76
											1/4	20.4	46	91.6	0.56
1304XTG	IE3	100	104	1782	114	855	H	2 +1	AWG 5-4	0.89-0.94 0.63-0.67	4/4	78.2	114	95.4	0.86
									AWG 15-10		3/4	59.1	89	94.7	0.83
									Rubber-sheathed cable [S1BN8-F]		2/4	39.7	66	93.9	0.76
											1/4	20.4	46	91.6	0.56
2754UTG	IE3	200	104	1790	209	1610	H	2 +1	AWG 1/0-4	1.37-1.45 0.63-0.67	4/4	155	209	96.2	0.93
									AWG 15-10		3/4	117	162	95.3	0.91
									Rubber-sheathed cable [S1BN8-F]		2/4	80	115	93.7	0.87
											1/4	41	72	90.7	0.72
2754XTG	IE3	200	104	1790	209	1610	H	2 +1	AWG 1/0-4	1.37-1.45 0.63-0.67	4/4	155	209	96.2	0.93
									AWG 15-10		3/4	117	162	95.3	0.91
									Rubber-sheathed cable [S1BN8-F]		2/4	80	115	93.7	0.87
											1/4	41	72	90.7	0.72
3004UTG	IE3	290	104	1791	307	2425	H	2 +1	AWG 3/0-4	1.52-1.64 0.63-0.67	4/4	225	307	96.2	0.92
									AWG 15-10		3/4	170	237	95.6	0.90
									Rubber-sheathed cable [S1BN8-F]		2/4	115	170	94.1	0.85
											1/4	59	109	91.3	0.68
3004XTG	IE3	290	104	1791	307	2425	H	2 +1	AWG 3/0-4	1.52-1.64 0.63-0.67	4/4	225	307	96.2	0.92
									AWG 15-10		3/4	170	237	95.6	0.90
									Rubber-sheathed cable [S1BN8-F]		2/4	115	170	94.1	0.85
											1/4	59	109	91.3	0.68

AmaCan D/AmaCan P, 6-pole, 460 V, 60 Hz, 3~
Table 16: Motor data, 60 Hz, 3~
 Submersible motor with efficiency classification

Motor type	Efficiency class	Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _h	LRA I _s	NEMA ⁵⁾	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
								Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
		[hp]	[°F]	[rpm]	[A]	[A]		[-]	[-]	[inch]	[-]	[kW]	[A]	[%]	[-]
476UTG	IE3	25	104	1190	28.3	244	J	2 +1	AWG 11-4	0.49-0.53 0.63-0.67	4/4	20.1	28.3	93.0	0.89
									AWG 15-10		3/4	15.1	22.2	92.6	0.85
									Rubber-sheathed cable		2/4	10.2	16.9	91.8	0.75
									[S1BN8-F]		1/4	5.3	12.5	87.9	0.53
476XTG	IE3	25	104	1190	28.3	244	J	2 +1	AWG 11-4	0.49-0.53 0.63-0.67	4/4	20.1	28.3	93.0	0.89
									AWG 15-10		3/4	15.1	22.2	92.6	0.85
									Rubber-sheathed cable		2/4	10.2	16.9	91.8	0.75
									[S1BN8-F]		1/4	5.3	12.5	87.9	0.53
656UTG	IE3	30	104	1190	33.7	295	J	2 +1	AWG 11-4	0.49-0.53 0.63-0.67	4/4	24.1	33.7	93.0	0.90
									AWG 15-10		3/4	18.2	27.0	92.3	0.85
									Rubber-sheathed cable		2/4	12.2	20.5	91.6	0.75
									[S1BN8-F]		1/4	6.3	15.0	88.8	0.53
656XTG	IE3	30	104	1190	33.7	295	J	2 +1	AWG 11-4	0.49-0.53 0.63-0.67	4/4	24.1	33.7	93.0	0.90
									AWG 15-10		3/4	18.2	27.0	92.3	0.85
									Rubber-sheathed cable		2/4	12.2	20.5	91.6	0.75
									[S1BN8-F]		1/4	6.3	15.0	88.8	0.53
806UTG	IE3	40	104	1190	44.7	385	J	2 +1	AWG 11-4	0.49-0.53 0.63-0.67	4/4	31.7	44.7	94.1	0.89
									AWG 15-10		3/4	23.9	35.7	93.6	0.84
									Rubber-sheathed cable		2/4	16.1	27.3	92.8	0.74
									[S1BN8-F]		1/4	8.3	20.8	90.2	0.50
806XTG	IE3	40	104	1190	44.7	385	J	2 +1	AWG 11-4	0.49-0.53 0.63-0.67	4/4	31.7	44.7	94.1	0.89
									AWG 15-10		3/4	23.9	35.7	93.6	0.84
									Rubber-sheathed cable		2/4	16.1	27.3	92.8	0.74
									[S1BN8-F]		1/4	8.3	20.8	90.2	0.50
1006UTG	IE3	50	104	1190	55.9	477	J	2 +1	AWG 9-4	0.56-0.60 0.63-0.67	4/4	39.6	55.9	94.1	0.89
									AWG 15-10		3/4	29.9	44.2	93.6	0.85
									Rubber-sheathed cable		2/4	20.1	33.6	92.9	0.75
									[S1BN8-F]		1/4	10.3	24.9	90.4	0.52
1006XTG	IE3	50	104	1190	55.9	477	J	2 +1	AWG 9-4	0.56-0.60 0.63-0.67	4/4	39.6	55.9	94.1	0.89
									AWG 15-10		3/4	29.9	44.2	93.6	0.85
									Rubber-sheathed cable		2/4	20.1	33.6	92.9	0.75
									[S1BN8-F]		1/4	10.3	24.9	90.4	0.52
1206UTG	IE3	60	104	1190	66.8	588	J	2 +1	AWG 7-4	0.72-0.77 0.63-0.67	4/4	47.4	66.8	94.5	0.89
									AWG 15-10		3/4	35.9	53.0	93.6	0.85
									Rubber-sheathed cable		2/4	24.1	40.4	92.7	0.75
									[S1BN8-F]		1/4	12.3	29.8	90.8	0.52
1206XTG	IE3	60	104	1190	66.8	588	J	2 +1	AWG 7-4	0.72-0.77 0.63-0.67	4/4	47.4	66.8	94.5	0.89
									AWG 15-10		3/4	35.9	53.0	93.6	0.85
									Rubber-sheathed cable		2/4	24.1	40.4	92.7	0.75
									[S1BN8-F]		1/4	12.3	29.8	90.8	0.52
2506UTG	IE3	180	104	1194	191	1525	H	2 +1	AWG 1-4	1.19-1.27 0.63-0.67	4/4	140	191	95.8	0.92
									AWG 15-10		3/4	106	153	94.9	0.87
									Rubber-sheathed cable		2/4	72	113	93.3	0.80
									[S1BN8-F]		1/4	37	77	91.4	0.60
2506XTG	IE3	180	104	1194	191	1525	H	2 +1	AWG 1-4	1.19-1.27 0.63-0.67	4/4	140	191	95.8	0.92
									AWG 15-10		3/4	106	153	94.9	0.87
									Rubber-sheathed cable		2/4	72	113	93.3	0.80
									[S1BN8-F]		1/4	37	77	91.4	0.60
2906UTG	IE3	200	104	1194	212	1655	H	2 +1	AWG 1/0-4	1.37-1.45 0.63-0.67	4/4	156	212	95.8	0.92
									AWG 15-10		3/4	118	170	95.1	0.87
									Rubber-sheathed cable		2/4	79	124	94.5	0.80
									[S1BN8-F]		1/4	41	85	91.6	0.60

Motor type	Efficiency class	Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _n	LRA I _s	NEMA ⁵⁾	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
								Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
		[hp]	[°F]	[rpm]	[A]	[A]	-	[-]	[-]	[inch]	[-]	[kW]	[A]	[%]	[-]
2906XTG	IE3	200	104	1194	212	1655	H	2 +1	AWG 1/0-4	1.37-1.45 0.63-0.67	4/4	156	212	95.8	0.92
									AWG 15-10		3/4	118	170	95.1	0.87
									Rubber-sheathed cable		2/4	79	124	94.5	0.80
									[S1BN8-F]		1/4	41	85	91.6	0.60
3406UTG	IE3	240	104	1194	258	2040	H	2 +1	AWG 3/0-4	1.52-1.64 0.63-0.67	4/4	187	258	95.8	0.91
									AWG 15-10		3/4	141	201	95.2	0.88
									Rubber-sheathed cable		2/4	94	146	94.8	0.81
									[S1BN8-F]		1/4	49	98	92.1	0.62
3406XTG	IE3	240	104	1194	258	2040	H	2 +1	AWG 3/0-4	1.52-1.64 0.63-0.67	4/4	187	258	95.8	0.91
									AWG 15-10		3/4	141	201	95.2	0.88
									Rubber-sheathed cable		2/4	94	146	94.8	0.81
									[S1BN8-F]		1/4	49	98	92.1	0.62

AmaCan D/AmaCan P, 8-pole, 460 V, 60 Hz, 3~
Table 17: Motor data, 60 Hz, 3~
 Submersible motor with efficiency classification

Motor type	Efficiency class	Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _h	LRA I _s	NEMA ⁵⁾	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
		[hp]	[°F]	[rpm]	[A]	[A]		Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
								[-]	[-]	[inch]	[-]	[kW]	[A]	[%]	[-]
408UTG	IE3	25	104	889	31.9	208	H	2 +1	AWG 11-4	0.49-0.53 0.63-0.67	4/4	20.4	31.9	91.6	0.80
									AWG 15-10		3/4	15.3	25.6	91.5	0.75
									Rubber-sheathed cable [S1BN8-F]		2/4	10.3	20.5	90.8	0.63
											1/4	5.4	16.5	86.3	0.41
408XTG	IE3	25	104	889	31.9	208	H	2 +1	AWG 11-4	0.49-0.53 0.63-0.67	4/4	20.4	31.9	91.6	0.80
									AWG 15-10		3/4	15.3	25.6	91.5	0.75
									Rubber-sheathed cable [S1BN8-F]		2/4	10.3	20.5	90.8	0.63
											1/4	5.4	16.5	86.3	0.41
508UTG	IE3	30	104	889	37.7	238	H	2 +1	AWG 11-4	0.49-0.53 0.63-0.67	4/4	24.3	37.7	91.9	0.81
									AWG 15-10		3/4	18.2	30.1	92.0	0.76
									Rubber-sheathed cable [S1BN8-F]		2/4	12.2	23.2	91.6	0.66
											1/4	6.4	18.7	87.1	0.43
508XTG	IE3	30	104	889	37.7	238	H	2 +1	AWG 11-4	0.49-0.53 0.63-0.67	4/4	24.3	37.7	91.9	0.81
									AWG 15-10		3/4	18.2	30.1	92.0	0.76
									Rubber-sheathed cable [S1BN8-F]		2/4	12.2	23.2	91.6	0.66
											1/4	6.4	18.7	87.1	0.43
708UTG	IE3	40	104	889	49.5	308	G	2 +1	AWG 9-4	0.56-0.60 0.63-0.67	4/4	32.4	49.5	92.2	0.82
									AWG 15-10		3/4	24.2	39.5	92.4	0.77
									Rubber-sheathed cable [S1BN8-F]		2/4	16.2	30.8	92.0	0.66
											1/4	8.4	24.6	88.5	0.43
708XTG	IE3	40	104	889	49.5	308	G	2 +1	AWG 9-4	0.56-0.60 0.63-0.67	4/4	32.4	49.5	92.2	0.82
									AWG 15-10		3/4	24.2	39.5	92.4	0.77
									Rubber-sheathed cable [S1BN8-F]		2/4	16.2	30.8	92.0	0.66
											1/4	8.4	24.6	88.5	0.43
958UTG	IE3	60	104	889	75.0	475	H	2 +1	AWG 7-4	0.72-0.77 0.63-0.67	4/4	48.4	75.0	92.4	0.81
									AWG 15-10		3/4	36.4	60.9	92.2	0.75
									Rubber-sheathed cable [S1BN8-F]		2/4	24.3	47.7	91.9	0.64
											1/4	12.5	37.3	89.7	0.42
958XTG	IE3	60	104	889	75.0	475	H	2 +1	AWG 7-4	0.72-0.77 0.63-0.67	4/4	48.4	75.0	92.4	0.81
									AWG 15-10		3/4	36.4	60.9	92.2	0.75
									Rubber-sheathed cable [S1BN8-F]		2/4	24.3	47.7	91.9	0.64
											1/4	12.5	37.3	89.7	0.42
1208UTG	IE3	80	104	891	96.4	626	G	2 +1	AWG 5-4	0.89-0.94 0.63-0.67	4/4	63.7	96.4	93.6	0.83
									AWG 15-10		3/4	48.0	76.2	93.3	0.79
									Rubber-sheathed cable [S1BN8-F]		2/4	32.3	59.6	92.4	0.68
											1/4	16.6	45.2	90.1	0.46
1208XTG	IE3	80	104	891	96.4	626	G	2 +1	AWG 5-4	0.89-0.94 0.63-0.67	4/4	63.7	96.4	93.6	0.83
									AWG 15-10		3/4	48.0	76.2	93.3	0.79
									Rubber-sheathed cable [S1BN8-F]		2/4	32.3	59.6	92.4	0.68
											1/4	16.6	45.2	90.1	0.46
1408UTG	IE3	100	104	893	122	830	H	2 +1	AWG 3-4	1.06-1.13 0.63-0.67	4/4	79.7	122	93.6	0.82
									AWG 15-10		3/4	60.1	98	93.0	0.77
									Rubber-sheathed cable [S1BN8-F]		2/4	40.6	77	91.8	0.66
											1/4	21.0	61	88.6	0.43
1408XTG	IE3	100	104	893	122	830	H	2 +1	AWG 3-4	1.06-1.13 0.63-0.67	4/4	79.7	122	93.6	0.82
									AWG 15-10		3/4	60.1	98	93.0	0.77
									Rubber-sheathed cable [S1BN8-F]		2/4	40.6	77	91.8	0.66
											1/4	21.0	61	88.6	0.43
1608UTG	IE3	120	104	892	142	951	H	2 +1	AWG 3-4	1.06-1.13 0.63-0.67	4/4	95.1	142	94.1	0.84
									AWG 15-10		3/4	71.5	117	93.9	0.77
									Rubber-sheathed cable [S1BN8-F]		2/4	48.2	90	92.8	0.67
											1/4	24.4	70	91.6	0.44
1608XTG	IE3	120	104	892	142	951	H	2 +1	AWG 3-4	1.06-1.13 0.63-0.67	4/4	95.1	142	94.1	0.84
									AWG 15-10		3/4	71.5	117	93.9	0.77
									Rubber-sheathed cable [S1BN8-F]		2/4	48.2	90	92.8	0.67
											1/4	24.4	70	91.6	0.44
2058UTG	IE3	160	104	896	198	1410	H	2 +1	AWG 1-4	1.19-1.27 0.63-0.67	4/4	127	198	94.3	0.80
									AWG 15-10		3/4	95	162	93.8	0.74
									Rubber-sheathed cable [S1BN8-F]		2/4	65	131	92.5	0.62
											1/4	33	107	89.6	0.39

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Motor type	Efficiency class	Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _n	LRA I _s	NEMA ⁵⁾	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
								Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
		[hp]	[°F]	[rpm]	[A]	[A]	-	[-]	[-]	[inch]	[-]	[kW]	[A]	[%]	[-]
2058XTG	IE3	160	104	896	198	1410	H	2 +1	AWG 1-4	1.19-1.27 0.63-0.67	4/4	127	198	94.3	0.80
									AWG 15-10		3/4	95	162	93.8	0.74
									Rubber-sheathed cable		2/4	65	131	92.5	0.62
									[S1BN8-F]		1/4	33	107	89.6	0.39
2508UTG	IE3	185	104	896	229	1625	H	2 +1	AWG 1/0-4	1.37-1.45 0.63-0.67	4/4	146	229	94.5	0.80
									AWG 15-10		3/4	110	186	94.2	0.74
									Rubber-sheathed cable		2/4	74	150	93.0	0.62
									[S1BN8-F]		1/4	38	124	89.8	0.39
2508XTG	IE3	185	104	896	229	1625	H	2 +1	AWG 1/0-4	1.37-1.45 0.63-0.67	4/4	146	229	94.5	0.80
									AWG 15-10		3/4	110	186	94.2	0.74
									Rubber-sheathed cable		2/4	74	150	93.0	0.62
									[S1BN8-F]		1/4	38	124	89.8	0.39
2908UTG	IE3	215	104	896	256	1792	H	4 +1	AWG 3-4	1.06-1.13 0.63-0.67	4/4	169	256	94.7	0.83
									AWG 15-10		3/4	128	208	94.3	0.77
									Rubber-sheathed cable		2/4	86	164	93.2	0.66
									[S1BN8-F]		1/4	44	129	90.9	0.43
2908XTG	IE3	215	104	896	256	1792	H	4 +1	AWG 3-4	1.06-1.13 0.63-0.67	4/4	169	256	94.7	0.83
									AWG 15-10		3/4	128	208	94.3	0.77
									Rubber-sheathed cable		2/4	86	164	93.2	0.66
									[S1BN8-F]		1/4	44	129	90.9	0.43

AmaCan D/AmaCan P, 4-pole, 575 V, 60 Hz, 3~
Table 18: Motor data, 60 Hz, 3~

Submersible motor with efficiency classification

Motor type	Efficiency class	Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _h	LRA I _s	NEMA ⁵⁾	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
		[hp]	[°F]	[rpm]	[A]	[A]		Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
								[-]	[-]	[inch]	[-]	[kW]	[A]	[%]	[-]
804UTG	IE3	50	104	1784	46.1	356	H	2 +1	AWG 11-4	0.49-0.53 0.63-0.67	4/4	39.5	46.1	94.5	0.86
									AWG 15-10		3/4	29.9	36.6	93.5	0.82
									Rubber-sheathed cable [S1BN8-F]		2/4	20.2	27.4	92.5	0.74
											1/4	10.5	20.2	89.1	0.52
804XTG	IE3	50	104	1784	46.1	356	H	2 +1	AWG 11-4	0.49-0.53 0.63-0.67	4/4	39.5	46.1	94.5	0.86
									AWG 15-10		3/4	29.9	36.6	93.5	0.82
									Rubber-sheathed cable [S1BN8-F]		2/4	20.2	27.4	92.5	0.74
											1/4	10.5	20.2	89.1	0.52
904UTG	IE3	60	104	1784	55.0	424	H	2 +1	AWG 9-4	0.56-0.60 0.63-0.67	4/4	47.1	55.0	95.0	0.86
									AWG 15-10		3/4	35.5	43.0	94.5	0.83
									Rubber-sheathed cable [S1BN8-F]		2/4	24.1	32.2	93.0	0.75
											1/4	12.3	22.9	90.9	0.54
904XTG	IE3	60	104	1784	55.0	424	H	2 +1	AWG 9-4	0.56-0.60 0.63-0.67	4/4	47.1	55.0	95.0	0.86
									AWG 15-10		3/4	35.5	43.0	94.5	0.83
									Rubber-sheathed cable [S1BN8-F]		2/4	24.1	32.2	93.0	0.75
											1/4	12.3	22.9	90.9	0.54
1054UTG	IE3	75	104	1782	67.7	488	H	2 +1	AWG 7-4	0.72-0.77 0.63-0.67	4/4	58.6	67.7	95.4	0.87
									AWG 15-10		3/4	44.3	52.2	94.8	0.85
									Rubber-sheathed cable [S1BN8-F]		2/4	29.9	38.5	93.5	0.78
											1/4	15.4	26.2	91.0	0.59
1054XTG	IE3	75	104	1782	67.7	488	H	2 +1	AWG 7-4	0.72-0.77 0.63-0.67	4/4	58.6	67.7	95.4	0.87
									AWG 15-10		3/4	44.3	52.2	94.8	0.85
									Rubber-sheathed cable [S1BN8-F]		2/4	29.9	38.5	93.5	0.78
											1/4	15.4	26.2	91.0	0.59
1304UTG	IE3	100	104	1782	91.2	684	H	2 +1	AWG 7-4	0.72-0.77 0.63-0.67	4/4	78.2	91.2	95.4	0.86
									AWG 15-10		3/4	59.1	71.2	94.7	0.83
									Rubber-sheathed cable [S1BN8-F]		2/4	39.7	52.8	93.9	0.76
											1/4	20.4	36.8	91.6	0.56
1304XTG	IE3	100	104	1782	91.2	684	H	2 +1	AWG 7-4	0.72-0.77 0.63-0.67	4/4	78.2	91.2	95.4	0.86
									AWG 15-10		3/4	59.1	71.2	94.7	0.83
									Rubber-sheathed cable [S1BN8-F]		2/4	39.7	52.8	93.9	0.76
											1/4	20.4	36.8	91.6	0.56
2754UTG	IE3	200	104	1790	167	1286	H	2 +1	AWG 1-4	1.19-1.27 0.63-0.67	4/4	155	167	96.2	0.93
									AWG 15-10		3/4	117	130	95.3	0.91
									Rubber-sheathed cable [S1BN8-F]		2/4	80	92	93.7	0.87
											1/4	41	58	90.7	0.72
2754XTG	IE3	200	104	1790	167	1286	H	2 +1	AWG 1-4	1.19-1.27 0.63-0.67	4/4	155	167	96.2	0.93
									AWG 15-10		3/4	117	130	95.3	0.91
									Rubber-sheathed cable [S1BN8-F]		2/4	80	92	93.7	0.87
											1/4	41	58	90.7	0.72
3004UTG	IE3	290	104	1791	246	1943	H	2 +1	AWG 1/0-4	1.37-1.45 0.63-0.67	4/4	225	246	96.2	0.92
									AWG 15-10		3/4	170	190	95.6	0.90
									Rubber-sheathed cable [S1BN8-F]		2/4	115	136	94.1	0.85
											1/4	59	87	91.3	0.68
3004XTG	IE3	290	104	1791	246	1943	H	2 +1	AWG 1/0-4	1.37-1.45 0.63-0.67	4/4	225	246	96.2	0.92
									AWG 15-10		3/4	170	190	95.6	0.90
									Rubber-sheathed cable [S1BN8-F]		2/4	115	136	94.1	0.85
											1/4	59	87	91.3	0.68

AmaCan D/AmaCan P, 6-pole, 575 V, 60 Hz, 3~
Table 19: Motor data, 60 Hz, 3~

Submersible motor with efficiency classification

Motor type	Efficiency class	Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _h	LRA I _s	NEMA ⁵⁾	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
								Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
		[hp]	[°F]	[rpm]	[A]	[A]		[-]	[-]	[inch]	[-]	[kW]	[A]	[%]	[-]
476UTG	IE3	25	104	1190	22.7	196	J	2 +1	AWG 11-4	0.49-0.53 0.63-0.67	4/4	20.1	22.7	93.0	0.89
									AWG 15-10		3/4	15.1	17.7	92.6	0.85
									Rubber-sheathed cable		2/4	10.2	13.6	91.8	0.75
									[S1BN8-F]		1/4	5.3	10.0	87.9	0.53
476XTG	IE3	25	104	1190	22.7	196	J	2 +1	AWG 11-4	0.49-0.53 0.63-0.67	4/4	20.1	22.7	93.0	0.89
									AWG 15-10		3/4	15.1	17.7	92.6	0.85
									Rubber-sheathed cable		2/4	10.2	13.6	91.8	0.75
									[S1BN8-F]		1/4	5.3	10.0	87.9	0.53
656UTG	IE3	30	104	1190	27.0	236	J	2 +1	AWG 11-4	0.49-0.53 0.63-0.67	4/4	24.1	27.0	93.0	0.90
									AWG 15-10		3/4	18.2	21.6	92.3	0.85
									Rubber-sheathed cable		2/4	12.2	16.4	91.6	0.75
									[S1BN8-F]		1/4	6.3	12.0	88.8	0.53
656XTG	IE3	30	104	1190	27.0	236	J	2 +1	AWG 11-4	0.49-0.53 0.63-0.67	4/4	24.1	27.0	93.0	0.90
									AWG 15-10		3/4	18.2	21.6	92.3	0.85
									Rubber-sheathed cable		2/4	12.2	16.4	91.6	0.75
									[S1BN8-F]		1/4	6.3	12.0	88.8	0.53
806UTG	IE3	40	104	1190	35.8	308	J	2 +1	AWG 11-4	0.49-0.53 0.63-0.67	4/4	31.7	35.8	94.1	0.89
									AWG 15-10		3/4	23.9	28.5	93.6	0.84
									Rubber-sheathed cable		2/4	16.1	21.8	92.8	0.74
									[S1BN8-F]		1/4	8.3	16.7	90.2	0.50
806XTG	IE3	40	104	1190	35.8	308	J	2 +1	AWG 11-4	0.49-0.53 0.63-0.67	4/4	31.7	35.8	94.1	0.89
									AWG 15-10		3/4	23.9	28.5	93.6	0.84
									Rubber-sheathed cable		2/4	16.1	21.8	92.8	0.74
									[S1BN8-F]		1/4	8.3	16.7	90.2	0.50
1006UTG	IE3	50	104	1190	44.7	382	J	2 +1	AWG 11-4	0.49-0.53 0.63-0.67	4/4	39.6	44.7	94.1	0.89
									AWG 15-10		3/4	29.9	35.4	93.6	0.85
									Rubber-sheathed cable		2/4	20.1	26.9	92.9	0.75
									[S1BN8-F]		1/4	10.3	19.9	90.4	0.52
1006XTG	IE3	50	104	1190	44.7	382	J	2 +1	AWG 11-4	0.49-0.53 0.63-0.67	4/4	39.6	44.7	94.1	0.89
									AWG 15-10		3/4	29.9	35.4	93.6	0.85
									Rubber-sheathed cable		2/4	20.1	26.9	92.9	0.75
									[S1BN8-F]		1/4	10.3	19.9	90.4	0.52
1206UTG	IE3	60	104	1190	53.5	471	J	2 +1	AWG 9-4	0.56-0.60 0.63-0.67	4/4	47.4	53.5	94.5	0.89
									AWG 15-10		3/4	35.9	42.4	93.6	0.85
									Rubber-sheathed cable		2/4	24.1	32.3	92.7	0.75
									[S1BN8-F]		1/4	12.3	23.9	90.8	0.52
1206XTG	IE3	60	104	1190	53.5	471	J	2 +1	AWG 9-4	0.56-0.60 0.63-0.67	4/4	47.4	53.5	94.5	0.89
									AWG 15-10		3/4	35.9	42.4	93.6	0.85
									Rubber-sheathed cable		2/4	24.1	32.3	92.7	0.75
									[S1BN8-F]		1/4	12.3	23.9	90.8	0.52
2506UTG	IE3	180	104	1194	153	1222	H	2 +1	AWG 3-4	1.06-1.13 0.63-0.67	4/4	140	153	95.8	0.92
									AWG 15-10		3/4	106	122	94.9	0.87
									Rubber-sheathed cable		2/4	72	90	93.3	0.80
									[S1BN8-F]		1/4	37	62	91.4	0.60
2506XTG	IE3	180	104	1194	153	1222	H	2 +1	AWG 3-4	1.06-1.13 0.63-0.67	4/4	140	153	95.8	0.92
									AWG 15-10		3/4	106	122	94.9	0.87
									Rubber-sheathed cable		2/4	72	90	93.3	0.80
									[S1BN8-F]		1/4	37	62	91.4	0.60
2906UTG	IE3	200	104	1194	170	1327	H	2 +1	AWG 1-4	1.19-1.27 0.63-0.67	4/4	156	170	95.8	0.92
									AWG 15-10		3/4	118	136	95.1	0.87
									Rubber-sheathed cable		2/4	79	99	94.5	0.80
									[S1BN8-F]		1/4	41	68	91.6	0.60

Motor type	Efficiency class	Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _n	LRA I _s	NEMA ⁵⁾	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
								Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
		[hp]	[°F]	[rpm]	[A]	[A]	-	[-]	[-]	[inch]	[-]	[kW]	[A]	[%]	[-]
2906XTG	IE3	200	104	1194	170	1327	H	2 +1	AWG 1-4	1.19-1.27	4/4	156	170	95.8	0.92
									AWG 15-10	0.63-0.67	3/4	118	136	95.1	0.87
									Rubber-sheathed cable		2/4	79	99	94.5	0.80
									[S1BN8-F]		1/4	41	68	91.6	0.60
3406UTG	IE3	240	104	1194	206	1629	H	2 +1	AWG 1/0-4	1.37-1.45	4/4	187	206	95.8	0.91
									AWG 15-10	0.63-0.67	3/4	141	161	95.2	0.88
									Rubber-sheathed cable		2/4	94	117	94.8	0.81
									[S1BN8-F]		1/4	49	78	92.1	0.62
3406XTG	IE3	240	104	1194	206	1629	H	2 +1	AWG 1/0-4	1.37-1.45	4/4	187	206	95.8	0.91
									AWG 15-10	0.63-0.67	3/4	141	161	95.2	0.88
									Rubber-sheathed cable		2/4	94	117	94.8	0.81
									[S1BN8-F]		1/4	49	78	92.1	0.62

AmaCan D/AmaCan P, 8-pole, 575 V, 60 Hz, 3~
Table 20: Motor data, 60 Hz, 3~

Submersible motor with efficiency classification

Motor type	Efficiency class	Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _h	LRA I _s	NEMA ⁵⁾	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
		[hp]	[°F]	[rpm]	[A]	[A]		Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
								[-]	[-]	[inch]	[-]	[kW]	[A]	[%]	[-]
408UTG	IE3	25	104	889	25.5	166	H	2 +1	AWG 11-4	0.49-0.53 0.63-0.67	4/4	20.4	25.5	91.6	0.80
									AWG 15-10		3/4	15.3	20.5	91.5	0.75
									Rubber-sheathed cable [S1BN8-F]		2/4	10.3	16.4	90.8	0.63
											1/4	5.4	13.2	86.3	0.41
408XTG	IE3	25	104	889	25.5	166	H	2 +1	AWG 11-4	0.49-0.53 0.63-0.67	4/4	20.4	25.5	91.6	0.80
									AWG 15-10		3/4	15.3	20.5	91.5	0.75
									Rubber-sheathed cable [S1BN8-F]		2/4	10.3	16.4	90.8	0.63
											1/4	5.4	13.2	86.3	0.41
508UTG	IE3	30	104	889	30.2	190	H	2 +1	AWG 11-4	0.49-0.53 0.63-0.67	4/4	24.3	30.2	91.9	0.81
									AWG 15-10		3/4	18.2	24.1	92.0	0.76
									Rubber-sheathed cable [S1BN8-F]		2/4	12.2	18.6	91.6	0.66
											1/4	6.4	15.0	87.1	0.43
508XTG	IE3	30	104	889	30.2	190	H	2 +1	AWG 11-4	0.49-0.53 0.63-0.67	4/4	24.3	30.2	91.9	0.81
									AWG 15-10		3/4	18.2	24.1	92.0	0.76
									Rubber-sheathed cable [S1BN8-F]		2/4	12.2	18.6	91.6	0.66
											1/4	6.4	15.0	87.1	0.43
708UTG	IE3	40	104	889	39.6	246	G	2 +1	AWG 11-4	0.49-0.53 0.63-0.67	4/4	32.4	39.6	92.2	0.82
									AWG 15-10		3/4	24.2	31.6	92.4	0.77
									Rubber-sheathed cable [S1BN8-F]		2/4	16.2	24.6	92.0	0.66
											1/4	8.4	19.7	88.5	0.43
708XTG	IE3	40	104	889	39.6	246	G	2 +1	AWG 11-4	0.49-0.53 0.63-0.67	4/4	32.4	39.6	92.2	0.82
									AWG 15-10		3/4	24.2	31.6	92.4	0.77
									Rubber-sheathed cable [S1BN8-F]		2/4	16.2	24.6	92.0	0.66
											1/4	8.4	19.7	88.5	0.43
958UTG	IE3	60	104	889	60.0	380	H	2 +1	AWG 9-4	0.56-0.60 0.63-0.67	4/4	48.4	60.0	92.4	0.81
									AWG 15-10		3/4	36.4	48.7	92.2	0.75
									Rubber-sheathed cable [S1BN8-F]		2/4	24.3	38.2	91.9	0.64
											1/4	12.5	29.8	89.7	0.42
958XTG	IE3	60	104	889	60.0	380	H	2 +1	AWG 9-4	0.56-0.60 0.63-0.67	4/4	48.4	60.0	92.4	0.81
									AWG 15-10		3/4	36.4	48.7	92.2	0.75
									Rubber-sheathed cable [S1BN8-F]		2/4	24.3	38.2	91.9	0.64
											1/4	12.5	29.8	89.7	0.42
1208UTG	IE3	80	104	891	77.1	501	G	2 +1	AWG 7-4	0.72-0.77 0.63-0.67	4/4	63.7	77.1	93.6	0.83
									AWG 15-10		3/4	48.0	61.0	93.3	0.79
									Rubber-sheathed cable [S1BN8-F]		2/4	32.3	47.7	92.4	0.68
											1/4	16.6	36.2	90.1	0.46
1208XTG	IE3	80	104	891	77.1	501	G	2 +1	AWG 7-4	0.72-0.77 0.63-0.67	4/4	63.7	77.1	93.6	0.83
									AWG 15-10		3/4	48.0	61.0	93.3	0.79
									Rubber-sheathed cable [S1BN8-F]		2/4	32.3	47.7	92.4	0.68
											1/4	16.6	36.2	90.1	0.46
1408UTG	IE3	100	104	893	97.6	664	H	2 +1	AWG 5-4	0.89-0.94 0.63-0.67	4/4	79.7	97.6	93.6	0.82
									AWG 15-10		3/4	60.1	78.4	93.0	0.77
									Rubber-sheathed cable [S1BN8-F]		2/4	40.6	61.6	91.8	0.66
											1/4	21.0	48.8	88.6	0.43
1408XTG	IE3	100	104	893	97.6	664	H	2 +1	AWG 5-4	0.89-0.94 0.63-0.67	4/4	79.7	97.6	93.6	0.82
									AWG 15-10		3/4	60.1	78.4	93.0	0.77
									Rubber-sheathed cable [S1BN8-F]		2/4	40.6	61.6	91.8	0.66
											1/4	21.0	48.8	88.6	0.43
1608UTG	IE3	120	104	892	114	764	H	2 +1	AWG 5-4	0.89-0.94 0.63-0.67	4/4	95.1	114	94.1	0.84
									AWG 15-10		3/4	71.5	94	93.9	0.77
									Rubber-sheathed cable [S1BN8-F]		2/4	48.2	72	92.8	0.67
											1/4	24.4	56	91.6	0.44
1608XTG	IE3	120	104	892	114	764	H	2 +1	AWG 5-4	0.89-0.94 0.63-0.67	4/4	95.1	114	94.1	0.84
									AWG 15-10		3/4	71.5	94	93.9	0.77
									Rubber-sheathed cable [S1BN8-F]		2/4	48.2	72	92.8	0.67
											1/4	24.4	56	91.6	0.44
2058UTG	IE3	160	104	896	158	1125	H	2 +1	AWG 3-4	1.06-1.13 0.63-0.67	4/4	127	158	94.3	0.80
									AWG 15-10		3/4	95	130	93.8	0.74
									Rubber-sheathed cable [S1BN8-F]		2/4	65	105	92.5	0.62
											1/4	33	86	89.6	0.39

Motor type	Efficiency class	Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _n	LRA I _s	NEMA ⁵⁾	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
								Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
		[hp]	[°F]	[rpm]	[A]	[A]	-	[-]	[-]	[inch]	[-]	[kW]	[A]	[%]	[-]
2058XTG	IE3	160	104	896	158	1125	H	2 +1	AWG 3-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.06-1.13 0.63-0.67	4/4 3/4 2/4 1/4	127 95 65 33	158 130 105 86	94.3 93.8 92.5 89.6	0.80 0.74 0.62 0.39
2508UTG	IE3	185	104	896	183	1299	H	2 +1	AWG 1-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.19-1.27 0.63-0.67	4/4 3/4 2/4 1/4	146 110 74 38	183 149 120 99	94.5 94.2 93.0 89.8	0.80 0.74 0.62 0.39
2508XTG	IE3	185	104	896	183	1299	H	2 +1	AWG 1-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.19-1.27 0.63-0.67	4/4 3/4 2/4 1/4	146 110 74 38	183 149 120 99	94.5 94.2 93.0 89.8	0.80 0.74 0.62 0.39
2908UTG	IE3	215	104	896	205	1435	H	2 +1	AWG 1/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.37-1.45 0.63-0.67	4/4 3/4 2/4 1/4	169 128 86 44	205 166 131 103	94.7 94.3 93.2 90.9	0.83 0.77 0.66 0.43
2908XTG	IE3	215	104	896	205	1435	H	2 +1	AWG 1/0-4 AWG 15-10 Rubber-sheathed cable [S1BN8-F]	1.37-1.45 0.63-0.67	4/4 3/4 2/4 1/4	169 128 86 44	205 166 131 103	94.7 94.3 93.2 90.9	0.83 0.77 0.66 0.43

Synchronous motor with efficiency classification

AmaCan D/AmaCan P, 1800 rpm, 380 V, 60 Hz, 3~

Table 21: Motor data, 60 Hz, 3~

Synchronous motor with efficiency classification

Motor type	Efficiency class	Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _n	Nominal motor frequency f _n	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
							Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
		[hp]	[°F]	[rpm]	[A]	[Hz]	[-]	[-]	[mm]	[-]	[kW]	[A]	[%]	[-]
306UWG	IE4	40	104	1800	57.6	90	1 +1	S07RC4N8-F 4G16 S07RC4N8-F 8G1.5	1.04-1.16 0.67-0.75	4/4	31.4	57.6	94.9	0.95
										3/4	23.4	42.0	95.5	0.97
										2/4	15.8	27.7	94.5	0.99
										1/4	8.2	14.5	90.8	0.99
306XWG	IE4	40	104	1800	57.6	90	1 +1	S07RC4N8-F 4G16 S07RC4N8-F 8G1.5	1.04-1.16 0.67-0.75	4/4	31.4	57.6	94.9	0.95
										3/4	23.4	42.0	95.5	0.97
										2/4	15.8	27.7	94.5	0.99
										1/4	8.2	14.5	90.8	0.99
406UWG	IE4	55	104	1800	78.1	90	1 +1	S07RC4N8-F 4G16 S07RC4N8-F 8G1.5	1.04-1.16 0.67-0.75	4/4	43.0	78.1	95.3	0.95
										3/4	32.1	56.9	95.8	0.97
										2/4	21.6	37.5	94.9	0.99
										1/4	11.2	19.5	91.5	0.99
406XWG	IE4	55	104	1800	78.1	90	1 +1	S07RC4N8-F 4G16 S07RC4N8-F 8G1.5	1.04-1.16 0.67-0.75	4/4	43.0	78.1	95.3	0.95
										3/4	32.1	56.9	95.8	0.97
										2/4	21.6	37.5	94.9	0.99
										1/4	11.2	19.5	91.5	0.99

AmaCan D/AmaCan P, 1200 rpm, 380 V, 60 Hz, 3~
Table 22: Motor data, 60 Hz, 3~

Synchronous motor with efficiency classification

Motor type	Efficiency class	Motor rating P ₂					Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
		Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _h	Nominal motor frequency f _n	Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
		[hp]	[°F]	[rpm]	[A]	[Hz]								
76UWG	IE4	10	104	1200	14.3	60	1 +1	S07RC4N8-F 12G2.5 S07RC4N8-F 8G1.5	0.88-0.94 0.67-0.75	4/4	8.17	14.3	91.3	0.97
										3/4	6.13	10.6	91.2	0.98
										2/4	4.14	7.1	90.1	0.99
										1/4	2.17	3.7	85.8	1.00
76XWG	IE4	10	104	1200	14.3	60	1 +1	S07RC4N8-F 12G2.5 S07RC4N8-F 8G1.5	0.88-0.94 0.67-0.75	4/4	8.17	14.3	91.3	0.97
										3/4	6.13	10.6	91.2	0.98
										2/4	4.14	7.1	90.1	0.99
										1/4	2.17	3.7	85.8	1.00
116UWG	IE4	15	104	1200	22.3	60	1 +1	S07RC4N8-F 7G6 S07RC4N8-F 8G1.5	0.90-0.94 0.67-0.75	4/4	12.1	22.3	92.3	0.96
										3/4	8.9	16.1	94.1	0.97
										2/4	6.0	10.7	93.2	0.99
										1/4	3.1	5.6	89.2	1.00
116XWG	IE4	15	104	1200	22.3	60	1 +1	S07RC4N8-F 7G6 S07RC4N8-F 8G1.5	0.90-0.94 0.67-0.75	4/4	12.1	22.3	92.3	0.96
										3/4	8.9	16.1	94.1	0.97
										2/4	6.0	10.7	93.2	0.99
										1/4	3.1	5.6	89.2	1.00
166UWG	IE4	20	104	1200	28.4	60	1 +1	S07RC4N8-F 4G16 S07RC4N8-F 8G1.5	1.04-1.16 0.67-0.75	4/4	16.1	28.4	92.9	0.96
										3/4	11.8	21.3	95.1	0.94
										2/4	7.9	14.2	94.5	0.95
										1/4	4.1	7.1	91.8	0.96
166XWG	IE4	20	104	1200	28.4	60	1 +1	S07RC4N8-F 4G16 S07RC4N8-F 8G1.5	1.04-1.16 0.67-0.75	4/4	16.1	28.4	92.9	0.96
										3/4	11.8	21.3	95.1	0.94
										2/4	7.9	14.2	94.5	0.95
										1/4	4.1	7.1	91.8	0.96
236UWG	IE4	30	104	1200	43.6	60	1 +1	S07RC4N8-F 4G16 S07RC4N8-F 8G1.5	1.04-1.16 0.67-0.75	4/4	23.9	43.6	93.7	0.94
										3/4	17.6	31.5	95.4	0.96
										2/4	11.8	20.7	94.8	0.98
										1/4	6.1	10.5	91.9	0.99
236XWG	IE4	30	104	1200	43.6	60	1 +1	S07RC4N8-F 4G16 S07RC4N8-F 8G1.5	1.04-1.16 0.67-0.75	4/4	23.9	43.6	93.7	0.94
										3/4	17.6	31.5	95.4	0.96
										2/4	11.8	20.7	94.8	0.98
										1/4	6.1	10.5	91.9	0.99
268UWG	IE4	35	104	1200	49.8	80	1 +1	S07RC4N8-F 4G16 S07RC4N8-F 8G1.5	1.04-1.16 0.67-0.75	4/4	27.8	49.8	94.0	0.94
										3/4	20.6	36.9	94.9	0.94
										2/4	13.9	24.6	94.0	0.95
										1/4	7.2	12.6	90.5	0.96
268XWG	IE4	35	104	1200	49.8	80	1 +1	S07RC4N8-F 4G16 S07RC4N8-F 8G1.5	1.04-1.16 0.67-0.75	4/4	27.8	49.8	94.0	0.94
										3/4	20.6	36.9	94.9	0.94
										2/4	13.9	24.6	94.0	0.95
										1/4	7.2	12.6	90.5	0.96
388UWG	IE4	50	104	1200	73.8	80	1 +1	S07RC4N8-F 4G16 S07RC4N8-F 8G1.5	1.04-1.16 0.67-0.75	4/4	39.5	73.8	94.5	0.92
										3/4	29.4	54.0	95.2	0.94
										2/4	19.7	35.8	94.5	0.95
										1/4	10.2	18.4	91.4	0.96
388XWG	IE4	50	104	1200	73.8	80	1 +1	S07RC4N8-F 4G16 S07RC4N8-F 8G1.5	1.04-1.16 0.67-0.75	4/4	39.5	73.8	94.5	0.92
										3/4	29.4	54.0	95.2	0.94
										2/4	19.7	35.8	94.5	0.95
										1/4	10.2	18.4	91.4	0.96

AmaCan D/AmaCan P, 1800 rpm, 460 V, 60 Hz, 3~
Table 23: Motor data, 60 Hz, 3~

Synchronous motor with efficiency classification

Motor type	Efficiency class	Motor rating P ₂	Max. fluid tem- perature T	Nominal motor speed n _n	FLA I _h	Nominal motor frequency f _n	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
							Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power fac- tor cos φ
		[hp]	[°F]	[rpm]	[A]	[Hz]	[-]	[-]	[mm]	[-]	[kW]	[A]	[%]	[-]
186UWG	IE4	25	104	1800	28.8	90	1 +1	S07RC4N8-F 7G6 S07RC4N8-F 8G1.5	0.90-0.94 0.67-0.75	4/4	19.8	28.8	94.2	0.94
										3/4	14.9	21.3	94.1	0.96
										2/4	10.1	14.1	92.5	0.98
										1/4	5.2	7.2	89.2	0.99
186XWG	IE4	25	104	1800	28.8	90	1 +1	S07RC4N8-F 7G6 S07RC4N8-F 8G1.5	0.90-0.94 0.67-0.75	4/4	19.8	28.8	94.2	0.94
										3/4	14.9	21.3	94.1	0.96
										2/4	10.1	14.1	92.5	0.98
										1/4	5.2	7.2	89.2	0.99
306UWG	IE4	40	104	1800	47.6	90	1 +1	S07RC4N8-F 4G16 S07RC4N8-F 8G1.5	1.04-1.16 0.67-0.75	4/4	31.4	47.6	94.9	0.95
										3/4	23.4	34.7	95.5	0.97
										2/4	15.8	22.9	94.5	0.99
										1/4	8.2	12.0	90.8	0.99
306XWG	IE4	40	104	1800	47.6	90	1 +1	S07RC4N8-F 4G16 S07RC4N8-F 8G1.5	1.04-1.16 0.67-0.75	4/4	31.4	47.6	94.9	0.95
										3/4	23.4	34.7	95.5	0.97
										2/4	15.8	22.9	94.5	0.99
										1/4	8.2	12.0	90.8	0.99
406UWG	IE4	55	104	1800	64.5	90	1 +1	S07RC4N8-F 4G16 S07RC4N8-F 8G1.5	1.04-1.16 0.67-0.75	4/4	43.0	64.5	95.3	0.95
										3/4	32.1	47.0	95.8	0.97
										2/4	21.6	31.0	94.9	0.99
										1/4	11.2	16.1	91.5	0.99
406XWG	IE4	55	104	1800	64.5	90	1 +1	S07RC4N8-F 4G16 S07RC4N8-F 8G1.5	1.04-1.16 0.67-0.75	4/4	43.0	64.5	95.3	0.95
										3/4	32.1	47.0	95.8	0.97
										2/4	21.6	31.0	94.9	0.99
										1/4	11.2	16.1	91.5	0.99

AmaCan D/AmaCan P, 1200 rpm, 460 V, 60 Hz, 3~
Table 24: Motor data, 60 Hz, 3~

Synchronous motor with efficiency classification

Motor type	Efficiency class	Motor rating P ₂	Max. fluid temperature T	Nominal motor speed n _n	FLA I _{Lh}	Nominal motor frequency f _n	Power cable + sensor cable			Electrical motor values referring to motor rating P ₂				
							Quantity	Type	Ø min. - max.	Load	Power P ₁	Current I	Efficiency η	Power factor cos φ
		[hp]	[°F]	[rpm]	[A]	[Hz]	[-]	[-]	[mm]	[-]	[kW]	[A]	[%]	[-]
76UWG	IE4	10	104	1200	11.8	60	1 +1	S07RC4N8-F 12G2.5 S07RC4N8-F 8G1.5	0.88-0.94 0.67-0.75	4/4	8.17	11.8	91.3	0.97
										3/4	6.13	8.8	91.2	0.98
										2/4	4.14	5.9	90.1	0.99
										1/4	2.17	3.1	85.8	1.00
76XWG	IE4	10	104	1200	11.8	60	1 +1	S07RC4N8-F 12G2.5 S07RC4N8-F 8G1.5	0.88-0.94 0.67-0.75	4/4	8.17	11.8	91.3	0.97
										3/4	6.13	8.8	91.2	0.98
										2/4	4.14	5.9	90.1	0.99
										1/4	2.17	3.1	85.8	1.00
116UWG	IE4	15	104	1200	18.4	60	1 +1	S07RC4N8-F 7G6 S07RC4N8-F 8G1.5	0.90-0.94 0.67-0.75	4/4	12.1	18.4	92.3	0.96
										3/4	8.9	13.3	94.1	0.97
										2/4	6.0	8.8	93.2	0.99
										1/4	3.1	4.6	89.2	1.00
116XWG	IE4	15	104	1200	18.4	60	1 +1	S07RC4N8-F 7G6 S07RC4N8-F 8G1.5	0.90-0.94 0.67-0.75	4/4	12.1	18.4	92.3	0.96
										3/4	8.9	13.3	94.1	0.97
										2/4	6.0	8.8	93.2	0.99
										1/4	3.1	4.6	89.2	1.00
166UWG	IE4	20	104	1200	23.5	60	1 +1	S07RC4N8-F 4G16 S07RC4N8-F 8G1.5	1.04-1.16 0.67-0.75	4/4	16.1	23.5	92.9	0.96
										3/4	11.8	17.6	95.1	0.94
										2/4	7.9	11.7	94.5	0.95
										1/4	4.1	5.9	91.8	0.96
166XWG	IE4	20	104	1200	23.5	60	1 +1	S07RC4N8-F 4G16 S07RC4N8-F 8G1.5	1.04-1.16 0.67-0.75	4/4	16.1	23.5	92.9	0.96
										3/4	11.8	17.6	95.1	0.94
										2/4	7.9	11.7	94.5	0.95
										1/4	4.1	5.9	91.8	0.96
236UWG	IE4	30	104	1200	36.0	60	1 +1	S07RC4N8-F 4G16 S07RC4N8-F 8G1.5	1.04-1.16 0.67-0.75	4/4	23.9	36.0	93.7	0.94
										3/4	17.6	26.0	95.4	0.96
										2/4	11.8	17.1	94.8	0.98
										1/4	6.1	8.7	91.9	0.99
236XWG	IE4	30	104	1200	36.0	60	1 +1	S07RC4N8-F 4G16 S07RC4N8-F 8G1.5	1.04-1.16 0.67-0.75	4/4	23.9	36.0	93.7	0.94
										3/4	17.6	26.0	95.4	0.96
										2/4	11.8	17.1	94.8	0.98
										1/4	6.1	8.7	91.9	0.99
268UWG	IE4	35	104	1200	41.1	80	1 +1	S07RC4N8-F 4G16 S07RC4N8-F 8G1.5	1.04-1.16 0.67-0.75	4/4	27.8	41.1	94.0	0.94
										3/4	20.6	30.5	94.9	0.94
										2/4	13.9	20.3	94.0	0.95
										1/4	7.2	10.4	90.5	0.96
268XWG	IE4	35	104	1200	41.1	80	1 +1	S07RC4N8-F 4G16 S07RC4N8-F 8G1.5	1.04-1.16 0.67-0.75	4/4	27.8	41.1	94.0	0.94
										3/4	20.6	30.5	94.9	0.94
										2/4	13.9	20.3	94.0	0.95
										1/4	7.2	10.4	90.5	0.96
388UWG	IE4	50	104	1200	61.0	80	1 +1	S07RC4N8-F 4G16 S07RC4N8-F 8G1.5	1.04-1.16 0.67-0.75	4/4	39.5	61.0	94.5	0.92
										3/4	29.4	44.6	95.2	0.94
										2/4	19.7	29.6	94.5	0.95
										1/4	10.2	15.2	91.4	0.96
388XWG	IE4	50	104	1200	61.0	80	1 +1	S07RC4N8-F 4G16 S07RC4N8-F 8G1.5	1.04-1.16 0.67-0.75	4/4	39.5	61.0	94.5	0.92
										3/4	29.4	44.6	95.2	0.94
										2/4	19.7	29.6	94.5	0.95
										1/4	10.2	15.2	91.4	0.96

