

Electrical data for submersible motor pumps

60 Hz

Installation type D / H / K

M
3 ~



Attention! Motor data depends on installation types!

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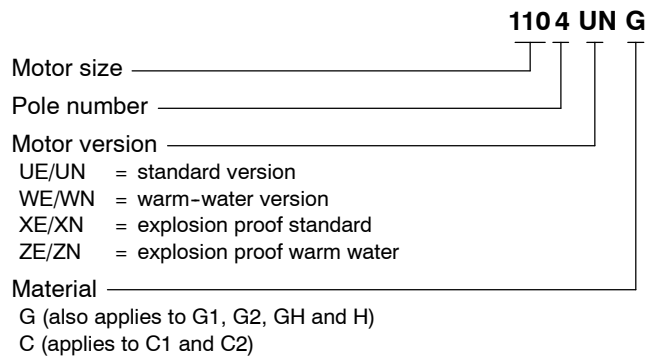
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General Description

All motors of Amarex KRT submersible motor pumps are three-phase squirrel-cage motors.

Type designation:



Voltage and frequency:

Standard voltage rating:	230 V - 60 Hz
	380 V - 60 Hz
	460 V - 60 Hz
	575 V - 60 Hz

Further voltage ratings will be possible on request.

Connection cable:

Connection cables with different dimensions are used for submersible motor pumps with rated voltages that differ from the values given in the table.

Temperatures:

The defined maximum temperature applies to the temperature of the fluid handled and the ambient temperature at the place of installation.

Insulation system:

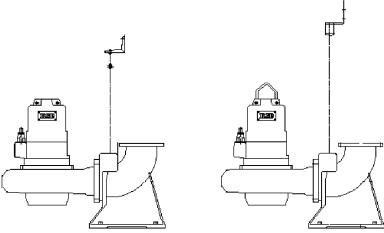
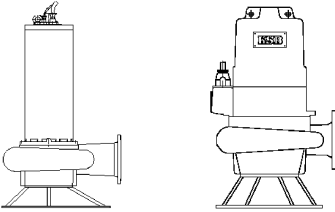
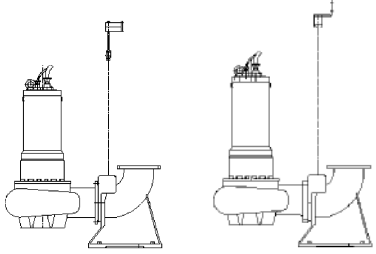
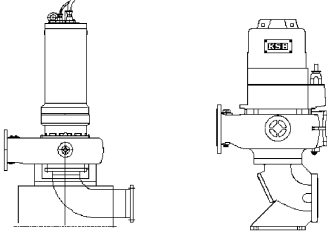
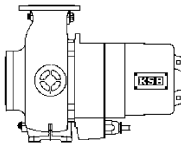
Class H

For information on electrical installation, operating limits, frequency of starts and frequency inverter operation please refer to the relevant operating manual of the submersible motor pump.

Installation Types

KRT K 150-500 / 80 4 UN G - D

S, P, K, D, H

S	Stationary wet-well installation (S1 operation with motor submerged) - with guide wire or guide rails	
P	Transportable wet-well installation (S1 operation with motor submerged)	
K	Stationary wet-well installation (S1 operation with motor outside the fluid) - with guide wire or guide rails	
D	Stationary dry installation, vertical (S1 operation)	
H	Stationary dry installation, horizontal (S1 operation)	

2-poles

230 V

60 Hz

3~

EG

Convection cooling

Installation type D/H/K

motor type efficiency class	motor rating P2 [hp]	max. temp. pum- ped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA		Qty.	cable size power + control cable		motor data				
					I _s [A]	NEMA code letter		type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
112UEG	5	104	3527	11.0	102	K	1	AWG 15-12	0.65-0.69	4/4	4.12	11.0	90.5	0.94
IE3								Rubber Cable [S1BN8-F]		3/4	3.07	8.4	91.0	0.92
										2/4	2.06	5.9	90.4	0.87
										1/4	1.08	3.9	86.2	0.70
112XEG	5	104	3527	11.0	102	K	1	AWG 15-12	0.65-0.69	4/4	4.12	11.0	90.5	0.94
IE3								Rubber Cable [S1BN8-F]		3/4	3.07	8.4	91.0	0.92
										2/4	2.06	5.9	90.4	0.87
										1/4	1.08	3.9	86.2	0.70
152UEG	7.5	104	3534	16.5	164	K	1	AWG 15-12	0.65-0.69	4/4	6.17	16.5	90.7	0.94
IE3								Rubber Cable [S1BN8-F]		3/4	4.61	12.7	91.0	0.91
										2/4	3.10	9.0	90.2	0.86
										1/4	1.64	6.0	85.5	0.68
152XEG	6.7	104	3541	14.8	164	L	1	AWG 15-12	0.65-0.69	4/4	5.49	14.8	91.0	0.93
IE3								Rubber Cable [S1BN8-F]		3/4	4.11	11.3	91.3	0.91
										2/4	2.78	8.4	89.9	0.83
										1/4	1.51	6.0	82.6	0.64
182UEG	9	104	3558	19.7	200	K	1	AWG 13-12	0.73-0.77	4/4	7.30	19.7	91.9	0.93
IE3								Rubber Cable [S1BN8-F]		3/4	5.48	15.1	91.8	0.91
										2/4	3.70	10.9	90.8	0.85
										1/4	1.95	7.2	86.0	0.68
182XEG	9	104	3558	19.7	200	K	1	AWG 13-12	0.73-0.77	4/4	7.30	19.7	91.9	0.93
IE3								Rubber Cable [S1BN8-F]		3/4	5.48	15.1	91.8	0.91
										2/4	3.70	10.9	90.8	0.85
										1/4	1.95	7.2	86.0	0.68
222UEG	11.5	104	3562	25.2	252	K	1	AWG 13-12	0.73-0.77	4/4	9.30	25.2	92.2	0.93
IE3								Rubber Cable [S1BN8-F]		3/4	6.97	19.2	92.3	0.91
										2/4	4.69	13.9	91.4	0.85
										1/4	2.46	9.1	87.1	0.68
222XEG	10	104	3567	21.9	252	M	1	AWG 13-12	0.73-0.77	4/4	8.07	21.9	92.4	0.92
IE3								Rubber Cable [S1BN8-F]		3/4	6.05	16.8	92.4	0.90
										2/4	4.10	12.5	90.9	0.82
										1/4	2.21	9.1	84.2	0.61
262UEG	13.5	104	3564	29.4	318	L	1	AWG 11-7+15-5	0.83-0.91	4/4	10.9	29.4	92.7	0.93
IE3								Rubber Cable [S1BN8-F]		3/4	8.1	22.4	92.7	0.91
										2/4	5.5	16.0	91.9	0.86
										1/4	2.9	10.4	87.7	0.69
262XEG	11.4	104	3570	24.8	318	M	1	AWG 11-7+15-5	0.83-0.91	4/4	9.15	24.8	92.9	0.93
IE3								Rubber Cable [S1BN8-F]		3/4	6.87	19.0	92.8	0.91
										2/4	4.66	14.2	91.2	0.82
										1/4	2.52	10.3	84.4	0.61

4-poles

230 V

60 Hz

3~

EG

Convection cooling

Installation type D/H/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2		n _n	I _n	I _s	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
	[hp]	[°F]	[rpm]	[A]	[A]									
74UEG	3	104	1765	7.84	70	L	1	AWG 15-12	0.65-0.69	4/4	2.50	7.84	89.5	0.80
IE3								Rubber Cable		3/4	1.92	6.50	87.6	0.74
								[S1BN8-F]		2/4	1.31	5.40	85.2	0.61
										1/4	0.72	4.54	77.2	0.40
74XEG	3	104	1765	7.84	70	L	1	AWG 15-12	0.65-0.69	4/4	2.50	7.84	89.5	0.80
IE3								Rubber Cable		3/4	1.92	6.50	87.6	0.74
								[S1BN8-F]		2/4	1.31	5.40	85.2	0.61
										1/4	0.72	4.54	77.2	0.40
114UEG	5	104	1767	13.1	124	L	1	AWG 15-12	0.65-0.69	4/4	4.17	13.1	89.5	0.80
IE3								Rubber Cable		3/4	3.16	11.0	88.6	0.72
								[S1BN8-F]		2/4	2.15	9.0	86.6	0.60
										1/4	1.18	7.8	79.3	0.38
114XEG	5	104	1767	13.1	124	L	1	AWG 15-12	0.65-0.69	4/4	4.17	13.1	89.5	0.80
IE3								Rubber Cable		3/4	3.16	11.0	88.6	0.72
								[S1BN8-F]		2/4	2.15	9.0	86.6	0.60
										1/4	1.18	7.8	79.3	0.38
154UEG	7.5	104	1779	18.4	170	L	1	AWG 15-12	0.65-0.69	4/4	6.10	18.4	91.7	0.83
IE3								Rubber Cable		3/4	4.66	15.2	90.1	0.77
								[S1BN8-F]		2/4	3.19	12.1	87.8	0.66
										1/4	1.73	9.7	80.8	0.45
154XEG	7.5	104	1779	18.4	170	L	1	AWG 15-12	0.65-0.69	4/4	6.10	18.4	91.7	0.83
IE3								Rubber Cable		3/4	4.66	15.2	90.1	0.77
								[S1BN8-F]		2/4	3.19	12.1	87.8	0.66
										1/4	1.73	9.7	80.8	0.45
184UEG	10	104	1775	24.0	200	J	1	AWG 13-12	0.73-0.77	4/4	8.13	24.0	91.7	0.85
IE3								Rubber Cable		3/4	6.13	19.2	91.3	0.80
								[S1BN8-F]		2/4	4.13	14.8	90.2	0.70
										1/4	1.96	10.3	95.1	0.48
184XEG	8.7	104	1778	21.3	200	L	1	AWG 13-12	0.73-0.77	4/4	7.08	21.3	91.7	0.83
IE3								Rubber Cable		3/4	5.33	17.2	91.3	0.78
								[S1BN8-F]		2/4	3.63	13.9	89.4	0.66
										1/4	1.97	11.4	82.4	0.43
224UEG	12	104	1780	30.6	312	M	1	AWG 11-7+15-5	0.83-0.91	4/4	9.73	30.6	92.0	0.80
IE3								Rubber Cable		3/4	7.33	25.2	91.6	0.73
								[S1BN8-F]		2/4	4.97	20.2	90.0	0.62
										1/4	2.66	17.1	84.0	0.39
224XEG	10	104	1783	26.7	312	N	1	AWG 11-7+15-5	0.83-0.91	4/4	8.11	26.7	91.9	0.76
IE3								Rubber Cable		3/4	6.13	22.5	91.2	0.68
								[S1BN8-F]		2/4	4.20	19.2	88.8	0.55
										1/4	2.31	16.7	80.8	0.35

6-poles

230 V

60 Hz

3~

EG

Convection cooling

Installation type D/H/K

motor type efficiency class	motor rating P2 [hp]	max. temp. pump- ed media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA		Qty.	cable size power + control cable		motor data				
					I _s [A]	NEMA code letter		type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
76UEG IE3	3	104	1179	8.36	68	L	1	AWG 15-12	0.65-0.69	4/4	2.50	8.36	89.5	0.75
								Rubber Cable		3/4	1.93	7.22	87.1	0.67
								[S1BN8-F]		2/4	1.32	6.04	84.5	0.55
										1/4	0.74	5.28	75.9	0.35
76XEG IE3	3	104	1179	8.36	68	L	1	AWG 15-12	0.65-0.69	4/4	2.50	8.36	89.5	0.75
								Rubber Cable		3/4	1.93	7.22	87.1	0.67
								[S1BN8-F]		2/4	1.32	6.04	84.5	0.55
										1/4	0.74	5.28	75.9	0.35
116UEG IE3	5	104	1178	15.6	134	M	1	AWG 15-12	0.65-0.69	4/4	4.17	15.6	89.5	0.67
								Rubber Cable		3/4	3.20	14.1	87.5	0.57
								[S1BN8-F]		2/4	2.20	12.6	84.7	0.44
										1/4	1.23	11.4	75.8	0.27
116XEG IE3	4.7	104	1179	15.2	134	N	1	AWG 15-12	0.65-0.69	4/4	3.93	15.2	89.5	0.65
								Rubber Cable		3/4	3.00	13.7	87.6	0.55
								[S1BN8-F]		2/4	2.09	12.5	84.0	0.42
										1/4	1.19	11.4	73.7	0.26
156UEG IE3	7.5	104	1178	20.6	192	M	1	AWG 13-12	0.73-0.77	4/4	6.15	20.6	91.0	0.75
								Rubber Cable		3/4	4.74	17.8	88.5	0.67
								[S1BN8-F]		2/4	3.26	15.1	85.9	0.54
										1/4	1.79	12.8	78.2	0.35
156XEG IE3	6	104	1182	18.1	192	P	1	AWG 13-12	0.73-0.77	4/4	5.00	18.1	89.5	0.69
								Rubber Cable		3/4	3.84	16.0	87.5	0.60
								[S1BN8-F]		2/4	2.68	14.2	83.4	0.47
										1/4	1.53	12.9	73.1	0.30
186UEG IE3	8.5	104	1179	23.0	220	M	1	AWG 13-12	0.73-0.77	4/4	6.97	23.0	91.0	0.76
								Rubber Cable		3/4	5.34	20.0	89.1	0.67
								[S1BN8-F]		2/4	3.65	17.0	86.9	0.54
										1/4	2.00	14.7	79.4	0.34
186XEG IE3	7.4	104	1182	21.3	220	N	1	AWG 13-12	0.73-0.77	4/4	6.11	21.3	91.0	0.72
								Rubber Cable		3/4	4.66	18.5	88.9	0.63
								[S1BN8-F]		2/4	3.23	16.4	85.5	0.49
										1/4	1.82	14.9	75.9	0.31

2-poles
380 V
60 Hz
3~
EG
Convection cooling
Installation type D/H/K

motor type efficiency class	motor rating P2 [hp]	max. temp. pumped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA I _s [A]		NEMA code letter	cable size power + control cable			motor data				
								Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
112UEG IE3	5	104	3527	6.66	62	K		1	AWG 15-12 Rubber Cable [S1BN8-F]	0.65-0.69	4/4	4.12	6.66	90.5	0.94
											3/4	3.07	5.07	91.0	0.92
											2/4	2.06	3.60	90.4	0.87
											1/4	1.08	2.35	86.2	0.70
112XEG IE3	5	104	3527	6.66	62	K		1	AWG 15-12 Rubber Cable [S1BN8-F]	0.65-0.69	4/4	4.12	6.66	90.5	0.94
											3/4	3.07	5.07	91.0	0.92
											2/4	2.06	3.60	90.4	0.87
											1/4	1.08	2.35	86.2	0.70
152UEG IE3	7.5	104	3534	9.96	99	K		1	AWG 15-12 Rubber Cable [S1BN8-F]	0.65-0.69	4/4	6.17	9.96	90.7	0.94
											3/4	4.61	7.70	91.0	0.91
											2/4	3.10	5.47	90.2	0.86
											1/4	1.64	3.66	85.5	0.68
152XEG IE3	6.7	104	3541	8.93	99	L		1	AWG 15-12 Rubber Cable [S1BN8-F]	0.65-0.69	4/4	5.49	8.93	91.0	0.93
											3/4	4.11	6.86	91.3	0.91
											2/4	2.78	5.09	89.9	0.83
											1/4	1.51	3.62	82.6	0.63
182UEG IE3	9	104	3558	11.9	121	K		1	AWG 15-12 Rubber Cable [S1BN8-F]	0.65-0.69	4/4	7.30	11.9	91.9	0.93
											3/4	5.48	9.2	91.8	0.91
											2/4	3.70	6.6	90.8	0.85
											1/4	1.95	4.4	86.0	0.68
182XEG IE3	9	104	3558	11.9	121	K		1	AWG 15-12 Rubber Cable [S1BN8-F]	0.65-0.69	4/4	7.30	11.9	91.9	0.93
											3/4	5.48	9.2	91.8	0.91
											2/4	3.70	6.6	90.8	0.85
											1/4	1.95	4.4	86.0	0.68
222UEG IE3	11.5	104	3562	15.3	153	K		1	AWG 15-12 Rubber Cable [S1BN8-F]	0.65-0.69	4/4	9.30	15.3	92.2	0.93
											3/4	6.97	11.6	92.3	0.91
											2/4	4.69	8.4	91.4	0.85
											1/4	2.46	5.5	87.1	0.68
222XEG IE3	10	104	3567	13.3	153	M		1	AWG 15-12 Rubber Cable [S1BN8-F]	0.65-0.69	4/4	8.07	13.3	92.4	0.92
											3/4	6.05	10.2	92.4	0.90
											2/4	4.10	7.6	90.9	0.82
											1/4	2.21	5.5	84.2	0.62
262UEG IE3	13.5	104	3564	17.8	192	L		1	AWG 15-12 Rubber Cable [S1BN8-F]	0.65-0.69	4/4	10.9	17.8	92.7	0.93
											3/4	8.1	13.6	92.7	0.91
											2/4	5.5	9.7	91.9	0.86
											1/4	2.9	6.3	87.7	0.69
262XEG IE3	11.4	104	3570	15.0	192	M		1	AWG 15-12 Rubber Cable [S1BN8-F]	0.65-0.69	4/4	9.15	15.0	92.9	0.93
											3/4	6.87	11.5	92.8	0.91
											2/4	4.66	8.6	91.2	0.82
											1/4	2.52	6.3	84.4	0.61

4-poles

380 V

60 Hz

3~

EG

Convection cooling

Installation type D/H/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
74UEG	3	104	1765	4.75	42	L	1	AWG 15-12	0.65-0.69	4/4	2.50	4.75	89.5	0.80
IE3								Rubber Cable		3/4	1.92	3.93	87.6	0.74
								[S1BN8-F]		2/4	1.31	3.27	85.2	0.61
										1/4	0.72	2.75	77.2	0.40
74XEG	3	104	1765	4.75	42	L	1	AWG 15-12	0.65-0.69	4/4	2.50	4.75	89.5	0.80
IE3								Rubber Cable		3/4	1.92	3.93	87.6	0.74
								[S1BN8-F]		2/4	1.31	3.27	85.2	0.61
										1/4	0.72	2.75	77.2	0.40
114UEG	5	104	1767	7.92	75	L	1	AWG 15-12	0.65-0.69	4/4	4.17	7.92	89.5	0.80
IE3								Rubber Cable		3/4	3.16	6.66	88.6	0.72
								[S1BN8-F]		2/4	2.15	5.45	86.6	0.60
										1/4	1.18	4.70	79.3	0.38
114XEG	5	104	1767	7.92	75	L	1	AWG 15-12	0.65-0.69	4/4	4.17	7.92	89.5	0.80
IE3								Rubber Cable		3/4	3.16	6.66	88.6	0.72
								[S1BN8-F]		2/4	2.15	5.45	86.6	0.60
										1/4	1.18	4.70	79.3	0.38
154UEG	7.5	104	1779	11.2	103	L	1	AWG 15-12	0.65-0.69	4/4	6.10	11.2	91.7	0.83
IE3								Rubber Cable		3/4	4.66	9.2	90.1	0.77
								[S1BN8-F]		2/4	3.19	7.3	87.8	0.66
										1/4	1.73	5.9	80.8	0.45
154XEG	7.5	104	1779	11.2	103	L	1	AWG 15-12	0.65-0.69	4/4	6.10	11.2	91.7	0.83
IE3								Rubber Cable		3/4	4.66	9.2	90.1	0.77
								[S1BN8-F]		2/4	3.19	7.3	87.8	0.66
										1/4	1.73	5.9	80.8	0.45
184UEG	10	104	1775	14.5	121	J	1	AWG 15-12	0.65-0.69	4/4	8.13	14.5	91.7	0.85
IE3								Rubber Cable		3/4	6.13	11.6	91.3	0.80
								[S1BN8-F]		2/4	4.13	9.0	90.2	0.70
										1/4	1.96	6.2	95.1	0.48
184XEG	8.7	104	1778	12.9	121	L	1	AWG 15-12	0.65-0.69	4/4	7.08	12.9	91.7	0.83
IE3								Rubber Cable		3/4	5.33	10.4	91.3	0.78
								[S1BN8-F]		2/4	3.63	8.4	89.4	0.65
										1/4	1.97	6.9	82.4	0.43
224UEG	12	104	1780	18.5	189	M	1	AWG 15-12	0.65-0.69	4/4	9.73	18.5	92.0	0.80
IE3								Rubber Cable		3/4	7.33	15.3	91.6	0.73
								[S1BN8-F]		2/4	4.97	12.2	90.0	0.62
										1/4	2.66	10.4	84.0	0.39
224XEG	10	104	1783	16.2	189	N	1	AWG 15-12	0.65-0.69	4/4	8.11	16.2	91.9	0.76
IE3								Rubber Cable		3/4	6.13	13.6	91.2	0.69
								[S1BN8-F]		2/4	4.20	11.6	88.8	0.55
										1/4	2.31	10.1	80.8	0.35

6-poles

380 V

60 Hz

3~

EG

Convection cooling

Installation type D/H/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2		n _n	I _n	I _s	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
	[hp]	[°F]	[rpm]	[A]	[A]									
76UEG	3	104	1179	5.06	41	L	1	AWG 15-12	0.65-0.69	4/4	2.50	5.06	89.5	0.75
IE3								Rubber Cable		3/4	1.93	4.37	87.1	0.67
								[S1BN8-F]		2/4	1.32	3.66	84.5	0.55
										1/4	0.74	3.20	75.9	0.35
76XEG	3	104	1179	5.06	41	L	1	AWG 15-12	0.65-0.69	4/4	2.50	5.06	89.5	0.75
IE3								Rubber Cable		3/4	1.93	4.37	87.1	0.67
								[S1BN8-F]		2/4	1.32	3.66	84.5	0.55
										1/4	0.74	3.20	75.9	0.35
116UEG	5	104	1178	9.44	81	M	1	AWG 15-12	0.65-0.69	4/4	4.17	9.44	89.5	0.67
IE3								Rubber Cable		3/4	3.20	8.52	87.5	0.57
								[S1BN8-F]		2/4	2.20	7.60	84.7	0.44
										1/4	1.23	6.92	75.8	0.27
116XEG	4.7	104	1179	9.21	81	N	1	AWG 15-12	0.65-0.69	4/4	3.93	9.21	89.5	0.65
IE3								Rubber Cable		3/4	3.00	8.29	87.6	0.55
								[S1BN8-F]		2/4	2.09	7.53	84.0	0.42
										1/4	1.19	6.93	73.7	0.26
156UEG	7.5	104	1178	12.5	116	M	1	AWG 15-12	0.65-0.69	4/4	6.15	12.5	91.0	0.75
IE3								Rubber Cable		3/4	4.74	10.7	88.5	0.67
								[S1BN8-F]		2/4	3.26	9.2	85.9	0.54
										1/4	1.79	7.8	78.2	0.35
156XEG	6	104	1182	11.0	116	P	1	AWG 15-12	0.65-0.69	4/4	5.00	11.0	89.5	0.69
IE3								Rubber Cable		3/4	3.84	9.6	87.5	0.60
								[S1BN8-F]		2/4	2.68	8.6	83.4	0.47
										1/4	1.53	7.8	73.1	0.30
186UEG	8.5	104	1179	13.9	133	M	1	AWG 15-12	0.65-0.69	4/4	6.97	13.9	91.0	0.76
IE3								Rubber Cable		3/4	5.34	12.1	89.1	0.67
								[S1BN8-F]		2/4	3.65	10.3	86.9	0.54
										1/4	2.00	8.9	79.4	0.34
186XEG	7.4	104	1182	12.9	133	N	1	AWG 15-12	0.65-0.69	4/4	6.11	12.9	91.0	0.72
IE3								Rubber Cable		3/4	4.66	11.2	88.9	0.63
								[S1BN8-F]		2/4	3.23	9.9	85.5	0.49
										1/4	1.82	9.0	75.9	0.31

2-poles

460 V

60 Hz

3~

EG

Convection cooling

Installation type D/H/K

motor type efficiency class	motor rating P2 [hp]	max. temp. pum- ped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA		cable size power + control cable			motor data				
					I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
112UEG IE3	5	104	3527	5.50	51	K	1	AWG 15-12	0.65-0.69	4/4	4.12	5.50	90.5	0.94
								Rubber Cable		3/4	3.07	4.19	91.0	0.92
								[S1BN8-F]		2/4	2.06	2.97	90.4	0.87
										1/4	1.08	1.94	86.2	0.70
112XEG IE3	5	104	3527	5.50	51	K	1	AWG 15-12	0.65-0.69	4/4	4.12	5.50	90.5	0.94
								Rubber Cable		3/4	3.07	4.19	91.0	0.92
								[S1BN8-F]		2/4	2.06	2.97	90.4	0.87
										1/4	1.08	1.94	86.2	0.70
152UEG IE3	7.5	104	3534	8.23	82	K	1	AWG 15-12	0.65-0.69	4/4	6.17	8.23	90.7	0.94
								Rubber Cable		3/4	4.61	6.36	91.0	0.91
								[S1BN8-F]		2/4	3.10	4.52	90.2	0.86
										1/4	1.64	3.02	85.5	0.68
152XEG IE3	6.7	104	3541	7.38	82	L	1	AWG 15-12	0.65-0.69	4/4	5.49	7.38	91.0	0.93
								Rubber Cable		3/4	4.11	5.66	91.3	0.91
								[S1BN8-F]		2/4	2.78	4.20	89.9	0.83
										1/4	1.51	2.99	82.6	0.63
182UEG IE3	9	104	3558	9.86	100	K	1	AWG 15-12	0.65-0.69	4/4	7.30	9.86	91.9	0.93
								Rubber Cable		3/4	5.48	7.56	91.8	0.91
								[S1BN8-F]		2/4	3.70	5.46	90.8	0.85
										1/4	1.95	3.60	86.0	0.68
182XEG IE3	9	104	3558	9.86	100	K	1	AWG 15-12	0.65-0.69	4/4	7.30	9.86	91.9	0.93
								Rubber Cable		3/4	5.48	7.56	91.8	0.91
								[S1BN8-F]		2/4	3.70	5.46	90.8	0.85
										1/4	1.95	3.60	86.0	0.68
222UEG IE3	11.5	104	3562	12.6	126	K	1	AWG 15-12	0.65-0.69	4/4	9.30	12.6	92.2	0.93
								Rubber Cable		3/4	6.97	9.6	92.3	0.91
								[S1BN8-F]		2/4	4.69	6.9	91.4	0.85
										1/4	2.46	4.5	87.1	0.68
222XEG IE3	10	104	3567	10.9	126	M	1	AWG 15-12	0.65-0.69	4/4	8.07	10.9	92.4	0.93
								Rubber Cable		3/4	6.05	8.4	92.4	0.90
								[S1BN8-F]		2/4	4.10	6.3	90.9	0.82
										1/4	2.21	4.5	84.2	0.61
262UEG IE3	13.5	104	3564	14.7	159	L	1	AWG 15-12	0.65-0.69	4/4	10.9	14.7	92.7	0.93
								Rubber Cable		3/4	8.1	11.2	92.7	0.91
								[S1BN8-F]		2/4	5.5	8.0	91.9	0.86
										1/4	2.9	5.2	87.7	0.69
262XEG IE3	11.4	104	3570	12.4	159	M	1	AWG 15-12	0.65-0.69	4/4	9.15	12.4	92.9	0.93
								Rubber Cable		3/4	6.87	9.5	92.8	0.91
								[S1BN8-F]		2/4	4.66	7.1	91.2	0.82
										1/4	2.52	5.2	84.4	0.61

4-poles

460 V

60 Hz

3~

EG

Convection cooling

Installation type D/H/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2		n _n	I _n	I _s	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
	[hp]	[°F]	[rpm]	[A]	[A]									
74UEG	3	104	1765	3.92	35	L	1	AWG 15-12	0.65-0.69	4/4	2.50	3.92	89.5	0.80
IE3								Rubber Cable		3/4	1.92	3.25	87.6	0.74
								[S1BN8-F]		2/4	1.31	2.70	85.2	0.61
										1/4	0.72	2.27	77.2	0.40
74XEG	3	104	1765	3.92	35	L	1	AWG 15-12	0.65-0.69	4/4	2.50	3.92	89.5	0.80
IE3								Rubber Cable		3/4	1.92	3.25	87.6	0.74
								[S1BN8-F]		2/4	1.31	2.70	85.2	0.61
										1/4	0.72	2.27	77.2	0.40
114UEG	5	104	1767	6.54	62	L	1	AWG 15-12	0.65-0.69	4/4	4.17	6.54	89.5	0.80
IE3								Rubber Cable		3/4	3.16	5.50	88.6	0.72
								[S1BN8-F]		2/4	2.15	4.50	86.6	0.60
										1/4	1.18	3.88	79.3	0.38
114XEG	5	104	1767	6.54	62	L	1	AWG 15-12	0.65-0.69	4/4	4.17	6.54	89.5	0.80
IE3								Rubber Cable		3/4	3.16	5.50	88.6	0.72
								[S1BN8-F]		2/4	2.15	4.50	86.6	0.60
										1/4	1.18	3.88	79.3	0.38
154UEG	7.5	104	1779	9.22	85	L	1	AWG 15-12	0.65-0.69	4/4	6.10	9.22	91.7	0.83
IE3								Rubber Cable		3/4	4.66	7.59	90.1	0.77
								[S1BN8-F]		2/4	3.19	6.06	87.8	0.66
										1/4	1.73	4.83	80.8	0.45
154XEG	7.5	104	1779	9.22	85	L	1	AWG 15-12	0.65-0.69	4/4	6.10	9.22	91.7	0.83
IE3								Rubber Cable		3/4	4.66	7.59	90.1	0.77
								[S1BN8-F]		2/4	3.19	6.06	87.8	0.66
										1/4	1.73	4.83	80.8	0.45
184UEG	10	104	1775	12.0	100	J	1	AWG 15-12	0.65-0.69	4/4	8.13	12.0	91.7	0.85
IE3								Rubber Cable		3/4	6.13	9.6	91.3	0.80
								[S1BN8-F]		2/4	4.13	7.4	90.2	0.70
										1/4	1.96	5.1	95.1	0.48
184XEG	8.7	104	1778	10.7	100	L	1	AWG 15-12	0.65-0.69	4/4	7.08	10.7	91.7	0.83
IE3								Rubber Cable		3/4	5.33	8.6	91.3	0.78
								[S1BN8-F]		2/4	3.63	7.0	89.4	0.65
										1/4	1.97	5.7	82.4	0.43
224UEG	12	104	1780	15.3	156	M	1	AWG 15-12	0.65-0.69	4/4	9.73	15.3	92.0	0.80
IE3								Rubber Cable		3/4	7.33	12.6	91.6	0.73
								[S1BN8-F]		2/4	4.97	10.1	90.0	0.62
										1/4	2.66	8.6	84.0	0.39
224XEG	10	104	1783	13.4	156	N	1	AWG 15-12	0.65-0.69	4/4	8.11	13.4	91.9	0.76
IE3								Rubber Cable		3/4	6.13	11.2	91.2	0.69
								[S1BN8-F]		2/4	4.20	9.6	88.8	0.55
										1/4	2.31	8.4	80.8	0.35

6-poles

460 V

60 Hz

3~

EG

Convection cooling

Installation type D/H/K

motor type efficiency class	motor rating P2 [hp]	max. temp. pum- ped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA		Qty.	cable size power + control cable		motor data				
					I _s [A]	NEMA code letter		type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
76UEG IE3	3	104	1179	4.18	34	L	1	AWG 15-12	0.65-0.69	4/4	2.50	4.18	89.5	0.75
								Rubber Cable		3/4	1.93	3.61	87.1	0.67
								[S1BN8-F]		2/4	1.32	3.02	84.5	0.55
										1/4	0.74	2.64	75.9	0.35
76XEG IE3	3	104	1179	4.18	34	L	1	AWG 15-12	0.65-0.69	4/4	2.50	4.18	89.5	0.75
								Rubber Cable		3/4	1.93	3.61	87.1	0.67
								[S1BN8-F]		2/4	1.32	3.02	84.5	0.55
										1/4	0.74	2.64	75.9	0.35
116UEG IE3	5	104	1178	7.80	67	M	1	AWG 15-12	0.65-0.69	4/4	4.17	7.80	89.5	0.67
								Rubber Cable		3/4	3.20	7.04	87.5	0.57
								[S1BN8-F]		2/4	2.20	6.28	84.7	0.44
										1/4	1.23	5.72	75.8	0.27
116XEG IE3	4.7	104	1179	7.61	67	N	1	AWG 15-12	0.65-0.69	4/4	3.93	7.61	89.5	0.65
								Rubber Cable		3/4	3.00	6.85	87.6	0.55
								[S1BN8-F]		2/4	2.09	6.22	84.0	0.42
										1/4	1.19	5.72	73.7	0.26
156UEG IE3	7.5	104	1178	10.3	96	M	1	AWG 15-12	0.65-0.69	4/4	6.15	10.3	91.0	0.75
								Rubber Cable		3/4	4.74	8.9	88.5	0.67
								[S1BN8-F]		2/4	3.26	7.6	85.9	0.54
										1/4	1.79	6.4	78.2	0.35
156XEG IE3	6	104	1182	9.07	96	P	1	AWG 15-12	0.65-0.69	4/4	5.00	9.07	89.5	0.69
								Rubber Cable		3/4	3.84	7.98	87.5	0.60
								[S1BN8-F]		2/4	2.68	7.11	83.4	0.47
										1/4	1.53	6.44	73.1	0.30
186UEG IE3	8.5	104	1179	11.5	110	M	1	AWG 15-12	0.65-0.69	4/4	6.97	11.5	91.0	0.76
								Rubber Cable		3/4	5.34	10.0	89.1	0.67
								[S1BN8-F]		2/4	3.65	8.5	86.9	0.54
										1/4	2.00	7.4	79.4	0.34
186XEG IE3	7.4	104	1182	10.6	110	N	1	AWG 15-12	0.65-0.69	4/4	6.11	10.6	91.0	0.72
								Rubber Cable		3/4	4.66	9.3	88.9	0.63
								[S1BN8-F]		2/4	3.23	8.2	85.5	0.49
										1/4	1.82	7.5	75.9	0.31

2-poles
575 V
60 Hz
3~
EG
Convection cooling
Installation type D/H/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
efficiency class	P2		n _n	I _n	I _s	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
	[hp]	[°F]	[rpm]	[A]	[A]									
112UEG	5	104	3527	4.40	41	K	1	AWG 15-12	0.65-0.69	4/4	4.12	4.40	90.5	0.94
IE3								Rubber Cable		3/4	3.07	3.35	91.0	0.92
								[S1BN8-F]		2/4	2.06	2.38	90.4	0.87
										1/4	1.08	1.55	86.2	0.70
112XEG	5	104	3527	4.40	41	K	1	AWG 15-12	0.65-0.69	4/4	4.12	4.40	90.5	0.94
IE3								Rubber Cable		3/4	3.07	3.35	91.0	0.92
								[S1BN8-F]		2/4	2.06	2.38	90.4	0.87
										1/4	1.08	1.55	86.2	0.70
152UEG	7.5	104	3534	6.58	66	K	1	AWG 15-12	0.65-0.69	4/4	6.17	6.58	90.7	0.94
IE3								Rubber Cable		3/4	4.61	5.09	91.0	0.91
								[S1BN8-F]		2/4	3.10	3.62	90.2	0.86
										1/4	1.64	2.42	85.5	0.68
152XEG	6.7	104	3541	5.90	66	L	1	AWG 15-12	0.65-0.69	4/4	5.49	5.90	91.0	0.93
IE3								Rubber Cable		3/4	4.11	4.53	91.3	0.91
								[S1BN8-F]		2/4	2.78	3.37	89.9	0.83
										1/4	1.51	2.39	82.6	0.64
182UEG	9	104	3558	7.89	80	K	1	AWG 15-12	0.65-0.69	4/4	7.30	7.89	91.9	0.93
IE3								Rubber Cable		3/4	5.48	6.05	91.8	0.91
								[S1BN8-F]		2/4	3.70	4.37	90.8	0.85
										1/4	1.95	2.88	86.0	0.68
182XEG	9	104	3558	7.89	80	K	1	AWG 15-12	0.65-0.69	4/4	7.30	7.89	91.9	0.93
IE3								Rubber Cable		3/4	5.48	6.05	91.8	0.91
								[S1BN8-F]		2/4	3.70	4.37	90.8	0.85
										1/4	1.95	2.88	86.0	0.68
222UEG	11.5	104	3562	10.1	101	K	1	AWG 15-12	0.65-0.69	4/4	9.30	10.1	92.2	0.93
IE3								Rubber Cable		3/4	6.97	7.7	92.3	0.91
								[S1BN8-F]		2/4	4.69	5.5	91.4	0.85
										1/4	2.46	3.6	87.1	0.68
222XEG	10	104	3567	8.77	101	M	1	AWG 15-12	0.65-0.69	4/4	8.07	8.77	92.4	0.92
IE3								Rubber Cable		3/4	6.05	6.72	92.4	0.90
								[S1BN8-F]		2/4	4.10	5.00	90.9	0.82
										1/4	2.21	3.61	84.2	0.62
262UEG	13.5	104	3564	11.8	127	L	1	AWG 15-12	0.65-0.69	4/4	10.9	11.8	92.7	0.93
IE3								Rubber Cable		3/4	8.1	9.0	92.7	0.91
								[S1BN8-F]		2/4	5.5	6.4	91.9	0.86
										1/4	2.9	4.2	87.7	0.69
262XEG	11.4	104	3570	9.92	127	M	1	AWG 15-12	0.65-0.69	4/4	9.15	9.92	92.9	0.93
IE3								Rubber Cable		3/4	6.87	7.60	92.8	0.91
								[S1BN8-F]		2/4	4.66	5.67	91.2	0.83
										1/4	2.52	4.12	84.4	0.61

4-poles

575 V

60 Hz

3~

EG

Convection cooling

Installation type D/H/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
74UEG IE3	3	104	1765	3.14	28	L	1	AWG 15-12	0.65-0.69	4/4	2.50	3.14	89.5	0.80
								Rubber Cable		3/4	1.92	2.60	87.6	0.74
								[S1BN8-F]		2/4	1.31	2.16	85.2	0.61
										1/4	0.72	1.82	77.2	0.40
74XEG IE3	3	104	1765	3.14	28	L	1	AWG 15-12	0.65-0.69	4/4	2.50	3.14	89.5	0.80
								Rubber Cable		3/4	1.92	2.60	87.6	0.74
								[S1BN8-F]		2/4	1.31	2.16	85.2	0.61
										1/4	0.72	1.82	77.2	0.40
114UEG IE3	5	104	1767	5.23	50	L	1	AWG 15-12	0.65-0.69	4/4	4.17	5.23	89.5	0.80
								Rubber Cable		3/4	3.16	4.40	88.6	0.72
								[S1BN8-F]		2/4	2.15	3.60	86.6	0.60
										1/4	1.18	3.10	79.3	0.38
114XEG IE3	5	104	1767	5.23	50	L	1	AWG 15-12	0.65-0.69	4/4	4.17	5.23	89.5	0.80
								Rubber Cable		3/4	3.16	4.40	88.6	0.72
								[S1BN8-F]		2/4	2.15	3.60	86.6	0.60
										1/4	1.18	3.10	79.3	0.38
154UEG IE3	7.5	104	1779	7.38	68	L	1	AWG 15-12	0.65-0.69	4/4	6.10	7.38	91.7	0.83
								Rubber Cable		3/4	4.66	6.07	90.1	0.77
								[S1BN8-F]		2/4	3.19	4.85	87.8	0.66
										1/4	1.73	3.86	80.8	0.45
154XEG IE3	7.5	104	1779	7.38	68	L	1	AWG 15-12	0.65-0.69	4/4	6.10	7.38	91.7	0.83
								Rubber Cable		3/4	4.66	6.07	90.1	0.77
								[S1BN8-F]		2/4	3.19	4.85	87.8	0.66
										1/4	1.73	3.86	80.8	0.45
184UEG IE3	10	104	1775	9.60	80	J	1	AWG 15-12	0.65-0.69	4/4	8.13	9.60	91.7	0.85
								Rubber Cable		3/4	6.13	7.69	91.3	0.80
								[S1BN8-F]		2/4	4.13	5.93	90.2	0.70
										1/4	1.96	4.10	95.1	0.48
184XEG IE3	8.7	104	1778	8.53	80	L	1	AWG 15-12	0.65-0.69	4/4	7.08	8.53	91.7	0.83
								Rubber Cable		3/4	5.33	6.89	91.3	0.78
								[S1BN8-F]		2/4	3.63	5.57	89.4	0.65
										1/4	1.97	4.55	82.4	0.43
224UEG IE3	12	104	1780	12.2	125	M	1	AWG 15-12	0.65-0.69	4/4	9.73	12.2	92.0	0.80
								Rubber Cable		3/4	7.33	10.1	91.6	0.73
								[S1BN8-F]		2/4	4.97	8.1	90.0	0.62
										1/4	2.66	6.9	84.0	0.39
224XEG IE3	10	104	1783	10.7	125	N	1	AWG 15-12	0.65-0.69	4/4	8.11	10.7	91.9	0.76
								Rubber Cable		3/4	6.13	9.0	91.2	0.68
								[S1BN8-F]		2/4	4.20	7.7	88.8	0.55
										1/4	2.31	6.7	80.8	0.35

6-poles

575 V

60 Hz

3~

EG

Convection cooling

Installation type D/H/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2		n _n	I _n	I _s	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
	[hp]	[°F]	[rpm]	[A]	[A]									
76UEG	3	104	1179	3.34	28	L	1	AWG 15-12	0.65-0.69	4/4	2.50	3.34	89.5	0.75
IE3								Rubber Cable		3/4	1.93	2.89	87.1	0.67
								[S1BN8-F]		2/4	1.32	2.42	84.5	0.55
										1/4	0.74	2.11	75.9	0.35
76XEG	3	104	1179	3.34	28	L	1	AWG 15-12	0.65-0.69	4/4	2.50	3.34	89.5	0.75
IE3								Rubber Cable		3/4	1.93	2.89	87.1	0.67
								[S1BN8-F]		2/4	1.32	2.42	84.5	0.55
										1/4	0.74	2.11	75.9	0.35
116UEG	5	104	1178	6.24	54	M	1	AWG 15-12	0.65-0.69	4/4	4.17	6.24	89.5	0.67
IE3								Rubber Cable		3/4	3.20	5.63	87.5	0.57
								[S1BN8-F]		2/4	2.20	5.02	84.7	0.44
										1/4	1.23	4.58	75.8	0.27
116XEG	4.7	104	1179	6.09	54	N	1	AWG 15-12	0.65-0.69	4/4	3.93	6.09	89.5	0.65
IE3								Rubber Cable		3/4	3.00	5.48	87.6	0.55
								[S1BN8-F]		2/4	2.09	4.98	84.0	0.42
										1/4	1.19	4.58	73.7	0.26
156UEG	7.5	104	1178	8.24	77	M	1	AWG 15-12	0.65-0.69	4/4	6.15	8.24	91.0	0.75
IE3								Rubber Cable		3/4	4.74	7.10	88.5	0.67
								[S1BN8-F]		2/4	3.26	6.06	85.9	0.54
										1/4	1.79	5.13	78.2	0.35
156XEG	6	104	1182	7.25	77	P	1	AWG 15-12	0.65-0.69	4/4	5.00	7.25	89.5	0.69
IE3								Rubber Cable		3/4	3.84	6.39	87.5	0.60
								[S1BN8-F]		2/4	2.68	5.69	83.4	0.47
										1/4	1.53	5.15	73.1	0.30
186UEG	8.5	104	1179	9.20	88	M	1	AWG 15-12	0.65-0.69	4/4	6.97	9.20	91.0	0.76
IE3								Rubber Cable		3/4	5.34	7.99	89.1	0.67
								[S1BN8-F]		2/4	3.65	6.78	86.9	0.54
										1/4	2.00	5.90	79.4	0.34
186XEG	7.4	104	1182	8.50	88	N	1	AWG 15-12	0.65-0.69	4/4	6.11	8.50	91.0	0.72
IE3								Rubber Cable		3/4	4.66	7.40	88.9	0.63
								[S1BN8-F]		2/4	3.23	6.55	85.5	0.49
										1/4	1.82	5.96	75.9	0.31

2-poles

230 V

60 Hz

3~

FG

Cooling jacket

Installation type D/H/K

motor type efficiency class	motor rating P2 [hp]	max. temp. pum- ped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA I _s [A]		NEMA code letter	cable size power + control cable			motor data				
								Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
182UFG	20	104	3544	46.6	350	H		2	AWG 11-7+15-5	0.83-0.91	4/4	16.7	46.6	89.4	0.90
-									Rubber Cable [S1BN8-F]		3/4	12.5	36.2	89.2	0.87
											2/4	8.5	26.8	87.6	0.80
											1/4	4.6	19.0	81.0	0.61
182XFG	20	104	3544	46.6	350	H		2	AWG 11-7+15-5	0.83-0.91	4/4	16.7	46.6	89.4	0.90
-									Rubber Cable [S1BN8-F]		3/4	12.5	36.2	89.2	0.87
											2/4	8.5	26.8	87.6	0.80
											1/4	4.6	19.0	81.0	0.61
222UFG	25	104	3545	57.2	434	H		2	AWG 9-7+15-5	0.94-1.06	4/4	20.7	57.2	90.0	0.91
-									Rubber Cable [S1BN8-F]		3/4	15.6	43.4	89.8	0.90
											2/4	10.5	31.8	88.4	0.83
											1/4	5.7	21.6	82.3	0.66
222XFG	25	104	3545	57.2	434	H		2	AWG 9-7+15-5	0.94-1.06	4/4	20.7	57.2	90.0	0.91
-									Rubber Cable [S1BN8-F]		3/4	15.6	43.4	89.8	0.90
											2/4	10.5	31.8	88.4	0.83
											1/4	5.7	21.6	82.3	0.66
262UFG	30	104	3544	67.4	512	H		2	AWG 9-7+15-5	0.94-1.06	4/4	24.7	67.4	90.6	0.92
-									Rubber Cable [S1BN8-F]		3/4	18.6	51.2	90.4	0.91
											2/4	12.5	36.6	89.4	0.86
											1/4	6.7	23.8	84.1	0.70
262XFG	30	104	3544	67.4	512	H		2	AWG 9-7+15-5	0.94-1.06	4/4	24.7	67.4	90.6	0.92
-									Rubber Cable [S1BN8-F]		3/4	18.6	51.2	90.4	0.91
											2/4	12.5	36.6	89.4	0.86
											1/4	6.7	23.8	84.1	0.70
302UFG	40	104	3550	88.8	666	H		2	AWG 7-7+15-5	0.96-1.08	4/4	32.6	88.8	91.6	0.92
-									Rubber Cable [S1BN8-F]		3/4	24.5	68.2	91.4	0.90
											2/4	16.5	48.6	90.6	0.85
											1/4	8.7	32.2	85.6	0.68
302XFG	40	104	3550	88.8	666	H		2	AWG 7-7+15-5	0.96-1.08	4/4	32.6	88.8	91.6	0.92
-									Rubber Cable [S1BN8-F]		3/4	24.5	68.2	91.4	0.90
											2/4	16.5	48.6	90.6	0.85
											1/4	8.7	32.2	85.6	0.68

4-poles

230 V

60 Hz

3~

FG

Cooling jacket

Installation type D/H/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2		n _n	I _n	I _s	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
	[hp]	[°F]	[rpm]	[A]	[A]									
154UFG	15	104	1768	37.6	256	H	2	AWG 13-12	0.73-0.77	4/4	12.6	37.6	88.7	0.84
-								Rubber Cable		3/4	9.5	29.8	88.4	0.80
								[S1BN8-F]		2/4	6.5	23.2	86.5	0.70
										1/4	3.5	17.7	79.2	0.50
154XFG	15	104	1768	37.6	256	H	2	AWG 13-12	0.73-0.77	4/4	12.6	37.6	88.7	0.84
-								Rubber Cable		3/4	9.5	29.8	88.4	0.80
								[S1BN8-F]		2/4	6.5	23.2	86.5	0.70
										1/4	3.5	17.7	79.2	0.50
184UFG	20	104	1765	50.0	334	H	2	AWG 11-7+15-5	0.83-0.91	4/4	16.7	50.0	89.1	0.84
-								Rubber Cable		3/4	12.6	40.0	88.9	0.79
								[S1BN8-F]		2/4	8.5	30.6	87.6	0.70
										1/4	4.6	24.0	81.2	0.48
184XFG	20	104	1765	50.0	334	H	2	AWG 11-7+15-5	0.83-0.91	4/4	16.7	50.0	89.1	0.84
-								Rubber Cable		3/4	12.6	40.0	88.9	0.79
								[S1BN8-F]		2/4	8.5	30.6	87.6	0.70
										1/4	4.6	24.0	81.2	0.48
224UFG	25	104	1765	61.2	410	H	2	AWG 9-7+15-5	0.94-1.06	4/4	20.7	61.2	89.9	0.85
-								Rubber Cable		3/4	15.6	48.4	89.7	0.81
								[S1BN8-F]		2/4	10.5	36.6	88.9	0.72
										1/4	5.6	27.6	83.2	0.51
224XFG	25	104	1765	61.2	410	H	2	AWG 9-7+15-5	0.94-1.06	4/4	20.7	61.2	89.9	0.85
-								Rubber Cable		3/4	15.6	48.4	89.7	0.81
								[S1BN8-F]		2/4	10.5	36.6	88.9	0.72
										1/4	5.6	27.6	83.2	0.51
304UFG	30	104	1766	73.0	510	H	2	AWG 7-7+15-5	0.96-1.08	4/4	24.7	73.0	90.5	0.85
-								Rubber Cable		3/4	18.6	57.6	90.3	0.81
								[S1BN8-F]		2/4	12.5	43.6	89.3	0.72
										1/4	6.7	32.8	83.8	0.51
304XFG	30	104	1766	73.0	510	H	2	AWG 7-7+15-5	0.96-1.08	4/4	24.7	73.0	90.5	0.85
-								Rubber Cable		3/4	18.6	57.6	90.3	0.81
								[S1BN8-F]		2/4	12.5	43.6	89.3	0.72
										1/4	6.7	32.8	83.8	0.51
374UFG	40	104	1766	96.2	672	H	2	AWG 7-7+15-5	0.96-1.08	4/4	32.6	96.2	91.6	0.85
-								Rubber Cable		3/4	24.5	76.0	91.3	0.81
								[S1BN8-F]		2/4	16.4	56.4	90.9	0.73
										1/4	8.6	42.6	86.3	0.51
374XFG	40	104	1766	96.2	672	H	2	AWG 7-7+15-5	0.96-1.08	4/4	32.6	96.2	91.6	0.85
-								Rubber Cable		3/4	24.5	76.0	91.3	0.81
								[S1BN8-F]		2/4	16.4	56.4	90.9	0.73
										1/4	8.6	42.6	86.3	0.51

6-poles

230 V

60 Hz

3~

FG

Cooling jacket

Installation type D/H/K

motor type efficiency class	motor rating P2 [hp]	max. temp. pump- ed media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA I _s [A]		NEMA code letter	cable size power + control cable			motor data				
								Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
156UFG	15	104	1164	39.8	266	H		2	AWG 13-12	0.73-0.77	4/4	13.0	39.8	86.1	0.82
-									Rubber Cable		3/4	9.8	32.2	85.9	0.76
									[S1BN8-F]		2/4	6.6	26.0	84.3	0.64
											1/4	3.6	20.8	76.7	0.44
156XFG	15	104	1164	39.8	266	H		2	AWG 13-12	0.73-0.77	4/4	13.0	39.8	86.1	0.82
-									Rubber Cable		3/4	9.8	32.2	85.9	0.76
									[S1BN8-F]		2/4	6.6	26.0	84.3	0.64
											1/4	3.6	20.8	76.7	0.44
186UFG	20	104	1162	52.2	350	H		2	AWG 11-7+15-5	0.83-0.91	4/4	17.2	52.2	86.5	0.83
-									Rubber Cable		3/4	13.0	42.2	86.3	0.77
									[S1BN8-F]		2/4	8.7	33.2	85.3	0.66
											1/4	4.8	26.6	78.5	0.45
186XFG	20	104	1162	52.2	350	H		2	AWG 11-7+15-5	0.83-0.91	4/4	17.2	52.2	86.5	0.83
-									Rubber Cable		3/4	13.0	42.2	86.3	0.77
									[S1BN8-F]		2/4	8.7	33.2	85.3	0.66
											1/4	4.8	26.6	78.5	0.45
226UFG	25	104	1174	63.8	444	H		2	AWG 9-7+15-5	0.94-1.06	4/4	20.6	63.8	90.6	0.81
-									Rubber Cable		3/4	15.5	51.8	90.3	0.75
									[S1BN8-F]		2/4	10.4	40.8	89.7	0.64
											1/4	5.5	33.8	84.7	0.41
226XFG	25	104	1174	63.8	444	H		2	AWG 9-7+15-5	0.94-1.06	4/4	20.6	63.8	90.6	0.81
-									Rubber Cable		3/4	15.5	51.8	90.3	0.75
									[S1BN8-F]		2/4	10.4	40.8	89.7	0.64
											1/4	5.5	33.8	84.7	0.41
306UFG	30	104	1172	75.8	534	H		2	AWG 7-7+15-5	0.96-1.08	4/4	24.8	75.8	90.3	0.82
-									Rubber Cable		3/4	18.6	62.4	90.0	0.75
									[S1BN8-F]		2/4	12.6	49.4	89.0	0.64
											1/4	6.7	41.2	83.3	0.41
306XFG	30	104	1172	75.8	534	H		2	AWG 7-7+15-5	0.96-1.08	4/4	24.8	75.8	90.3	0.82
-									Rubber Cable		3/4	18.6	62.4	90.0	0.75
									[S1BN8-F]		2/4	12.6	49.4	89.0	0.64
											1/4	6.7	41.2	83.3	0.41

8-poles
230 V
60 Hz
3~
FG
Cooling jacket
Installation type D/H/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
158UFG	15	104	878	46.0	266	H	2	AWG 11-7+15-5	0.83-0.91	4/4	13.0	46.0	85.9	0.71
-								Rubber Cable [S1BN8-F]		3/4	9.9	39.2	85.1	0.63
										2/4	6.8	34.0	82.4	0.50
										1/4	3.8	31.0	72.9	0.31
158XFG	15	104	878	46.0	266	H	2	AWG 11-7+15-5	0.83-0.91	4/4	13.0	46.0	85.9	0.71
-								Rubber Cable [S1BN8-F]		3/4	9.9	39.2	85.1	0.63
										2/4	6.8	34.0	82.4	0.50
										1/4	3.8	31.0	72.9	0.31
188UFG	20	104	878	61.8	352	H	2	AWG 9-7+15-5	0.94-1.06	4/4	17.2	61.8	86.6	0.70
-								Rubber Cable [S1BN8-F]		3/4	13.0	53.6	85.9	0.61
										2/4	9.0	47.0	83.1	0.48
										1/4	5.0	42.2	74.0	0.30
188XFG	20	104	878	61.8	352	H	2	AWG 9-7+15-5	0.94-1.06	4/4	17.2	61.8	86.6	0.70
-								Rubber Cable [S1BN8-F]		3/4	13.0	53.6	85.9	0.61
										2/4	9.0	47.0	83.1	0.48
										1/4	5.0	42.2	74.0	0.30
228UFG	25	104	876	72.2	404	H	2	AWG 7-7+15-5	0.96-1.08	4/4	21.3	72.2	87.5	0.74
-								Rubber Cable [S1BN8-F]		3/4	16.0	60.0	87.2	0.67
										2/4	10.9	50.8	85.4	0.54
										1/4	6.0	44.2	77.9	0.34
228XFG	25	104	876	72.2	404	H	2	AWG 7-7+15-5	0.96-1.08	4/4	21.3	72.2	87.5	0.74
-								Rubber Cable [S1BN8-F]		3/4	16.0	60.0	87.2	0.67
										2/4	10.9	50.8	85.4	0.54
										1/4	6.0	44.2	77.9	0.34

2-poles

380 V

60 Hz

3~

FG

Cooling jacket

Installation type D/H/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2		n _n	I _n	I _s	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
	[hp]	[°F]	[rpm]	[A]	[A]									
182UFG	20	104	3544	28.2	212	H	1	AWG 9-7+15-5	0.94-1.06	4/4	16.7	28.2	89.4	0.90
-								Rubber Cable		3/4	12.5	21.9	89.2	0.87
								[S1BN8-F]		2/4	8.5	16.2	87.6	0.80
										1/4	4.6	11.5	81.0	0.61
182XFG	20	104	3544	28.2	212	H	1	AWG 9-7+15-5	0.94-1.06	4/4	16.7	28.2	89.4	0.90
-								Rubber Cable		3/4	12.5	21.9	89.2	0.87
								[S1BN8-F]		2/4	8.5	16.2	87.6	0.80
										1/4	4.6	11.5	81.0	0.61
222UFG	25	104	3545	34.6	263	H	1	AWG 9-7+15-5	0.94-1.06	4/4	20.7	34.6	90.0	0.91
-								Rubber Cable		3/4	15.6	26.3	89.8	0.90
								[S1BN8-F]		2/4	10.5	19.2	88.4	0.83
										1/4	5.7	13.1	82.3	0.66
222XFG	25	104	3545	34.6	263	H	1	AWG 9-7+15-5	0.94-1.06	4/4	20.7	34.6	90.0	0.91
-								Rubber Cable		3/4	15.6	26.3	89.8	0.90
								[S1BN8-F]		2/4	10.5	19.2	88.4	0.83
										1/4	5.7	13.1	82.3	0.66
262UFG	30	104	3544	40.8	310	H	1	AWG 7-7+15-5	0.96-1.08	4/4	24.7	40.8	90.6	0.92
-								Rubber Cable		3/4	18.6	31.0	90.4	0.91
								[S1BN8-F]		2/4	12.5	22.2	89.4	0.86
										1/4	6.7	14.4	84.1	0.70
262XFG	30	104	3544	40.8	310	H	1	AWG 7-7+15-5	0.96-1.08	4/4	24.7	40.8	90.6	0.92
-								Rubber Cable		3/4	18.6	31.0	90.4	0.91
								[S1BN8-F]		2/4	12.5	22.2	89.4	0.86
										1/4	6.7	14.4	84.1	0.70
302UFG	40	104	3550	53.7	403	H	1 +1	AWG 5-4	0.89-0.94	4/4	32.6	53.7	91.6	0.92
-								AWG 15-8	0.56-0.60	3/4	24.5	41.3	91.4	0.90
								Rubber Cable		2/4	16.5	29.4	90.6	0.85
								[S1BN8-F]		1/4	8.7	19.5	85.6	0.68
302XFG	40	104	3550	53.7	403	H	1 +1	AWG 5-4	0.89-0.94	4/4	32.6	53.7	91.6	0.92
-								AWG 15-8	0.56-0.60	3/4	24.5	41.3	91.4	0.90
								Rubber Cable		2/4	16.5	29.4	90.6	0.85
								[S1BN8-F]		1/4	8.7	19.5	85.6	0.68

4-poles

380 V

60 Hz

3~

FG

Cooling jacket

Installation type D/H/K

motor type efficiency class	motor rating P2 [hp]	max. temp. pump- ed media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA I _s [A]	NEMA code letter H	cable size power + control cable			motor data				
							Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
154UFG	15	104	1768	22.8	155	H	1	AWG 11-7+15-5	0.83-0.91	4/4	12.6	22.8	88.7	0.84
-								Rubber Cable [S1BN8-F]		3/4	9.5	18.0	88.4	0.80
										2/4	6.5	14.0	86.5	0.70
										1/4	3.5	10.7	79.2	0.50
154XFG	15	104	1768	22.8	155	H	1	AWG 11-7+15-5	0.83-0.91	4/4	12.6	22.8	88.7	0.84
-								Rubber Cable [S1BN8-F]		3/4	9.5	18.0	88.4	0.80
										2/4	6.5	14.0	86.5	0.70
										1/4	3.5	10.7	79.2	0.50
184UFG	20	104	1765	30.3	202	H	1	AWG 9-7+15-5	0.94-1.06	4/4	16.7	30.3	89.1	0.84
-								Rubber Cable [S1BN8-F]		3/4	12.6	24.2	88.9	0.79
										2/4	8.5	18.5	87.6	0.70
										1/4	4.6	14.5	81.2	0.48
184XFG	20	104	1765	30.3	202	H	1	AWG 9-7+15-5	0.94-1.06	4/4	16.7	30.3	89.1	0.84
-								Rubber Cable [S1BN8-F]		3/4	12.6	24.2	88.9	0.79
										2/4	8.5	18.5	87.6	0.70
										1/4	4.6	14.5	81.2	0.48
224UFG	25	104	1765	37.0	248	H	1	AWG 7-7+15-5	0.96-1.08	4/4	20.7	37.0	89.9	0.85
-								Rubber Cable [S1BN8-F]		3/4	15.6	29.3	89.7	0.81
										2/4	10.5	22.2	88.9	0.72
										1/4	5.6	16.7	83.2	0.51
224XFG	25	104	1765	37.0	248	H	1	AWG 7-7+15-5	0.96-1.08	4/4	20.7	37.0	89.9	0.85
-								Rubber Cable [S1BN8-F]		3/4	15.6	29.3	89.7	0.81
										2/4	10.5	22.2	88.9	0.72
										1/4	5.6	16.7	83.2	0.51
304UFG	30	104	1766	44.2	309	H	1	AWG 7-7+15-5	0.96-1.08	4/4	24.7	44.2	90.5	0.85
-								Rubber Cable [S1BN8-F]		3/4	18.6	34.9	90.3	0.81
										2/4	12.5	26.4	89.3	0.72
										1/4	6.7	19.9	83.8	0.51
304XFG	30	104	1766	44.2	309	H	1	AWG 7-7+15-5	0.96-1.08	4/4	24.7	44.2	90.5	0.85
-								Rubber Cable [S1BN8-F]		3/4	18.6	34.9	90.3	0.81
										2/4	12.5	26.4	89.3	0.72
										1/4	6.7	19.9	83.8	0.51
554UFG	52	104	1775	75.3	550	H	2 +1	AWG 5-4	0.89-0.94	4/4	42.6	75.3	91.0	0.86
-								AWG 15-8	0.56-0.60	3/4	32.0	58.6	90.8	0.83
								Rubber Cable [S1BN8-F]		2/4	21.7	43.9	89.5	0.75
										1/4	11.6	32.1	83.5	0.55
554XFG	52	104	1775	75.3	550	H	2 +1	AWG 5-4	0.89-0.94	4/4	42.6	75.3	91.0	0.86
-								AWG 15-8	0.56-0.60	3/4	32.0	58.6	90.8	0.83
								Rubber Cable [S1BN8-F]		2/4	21.7	43.9	89.5	0.75
										1/4	11.6	32.1	83.5	0.55
654UFG	74	104	1775	106	784	H	2 +1	AWG 3-4	1.06-1.13	4/4	59.7	106	92.4	0.86
-								AWG 15-8	0.56-0.60	3/4	45.0	82	92.0	0.83
								Rubber Cable [S1BN8-F]		2/4	30.2	62	91.5	0.74
										1/4	15.9	46	87.0	0.53

4-poles

380 V

60 Hz

3~

FG

Cooling jacket

Installation type D/H/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
654XFG	74	104	1775	106	784	H	2	AWG 3-4	1.06-1.13	4/4	59.7	106	92.4	0.86
-							+1	AWG 15-8	0.56-0.60	3/4	45.0	82	92.0	0.83
								Rubber Cable		2/4	30.2	62	91.5	0.74
								[S1BN8-F]		1/4	15.9	46	87.0	0.53
754UFG	87	104	1780	122	878	H	2	AWG 3-4	1.06-1.13	4/4	70.0	122	92.7	0.87
-							+1	AWG 15-8	0.56-0.60	3/4	52.6	96	92.5	0.84
								Rubber Cable		2/4	35.5	71	91.5	0.75
								[S1BN8-F]		1/4	18.6	52	87.1	0.54
754XFG	87	104	1780	122	878	H	2	AWG 3-4	1.06-1.13	4/4	70.0	122	92.7	0.87
-							+1	AWG 15-8	0.56-0.60	3/4	52.6	96	92.5	0.84
								Rubber Cable		2/4	35.5	71	91.5	0.75
								[S1BN8-F]		1/4	18.6	52	87.1	0.54

6-poles
380 V
60 Hz
3~
FG
Cooling jacket
Installation type D/H/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
156UFG	15	104	1164	24.1	161	H	1	AWG 11-7+15-5	0.83-0.91	4/4	13.0	24.1	86.1	0.82
-								Rubber Cable [S1BN8-F]		3/4	9.8	19.5	85.9	0.76
										2/4	6.6	15.7	84.3	0.64
										1/4	3.6	12.6	76.7	0.44
156XFG	15	104	1164	24.1	161	H	1	AWG 11-7+15-5	0.83-0.91	4/4	13.0	24.1	86.1	0.82
-								Rubber Cable [S1BN8-F]		3/4	9.8	19.5	85.9	0.76
										2/4	6.6	15.7	84.3	0.64
										1/4	3.6	12.6	76.7	0.44
186UFG	20	104	1162	31.6	212	H	1	AWG 9-7+15-5	0.94-1.06	4/4	17.2	31.6	86.5	0.83
-								Rubber Cable [S1BN8-F]		3/4	13.0	25.5	86.3	0.77
										2/4	8.7	20.1	85.3	0.66
										1/4	4.8	16.1	78.5	0.45
186XFG	20	104	1162	31.6	212	H	1	AWG 9-7+15-5	0.94-1.06	4/4	17.2	31.6	86.5	0.83
-								Rubber Cable [S1BN8-F]		3/4	13.0	25.5	86.3	0.77
										2/4	8.7	20.1	85.3	0.66
										1/4	4.8	16.1	78.5	0.45
226UFG	25	104	1174	38.6	269	H	1	AWG 7-7+15-5	0.96-1.08	4/4	20.6	38.6	90.6	0.81
-								Rubber Cable [S1BN8-F]		3/4	15.5	31.4	90.3	0.75
										2/4	10.4	24.7	89.7	0.64
										1/4	5.5	20.5	84.7	0.41
226XFG	25	104	1174	38.6	269	H	1	AWG 7-7+15-5	0.96-1.08	4/4	20.6	38.6	90.6	0.81
-								Rubber Cable [S1BN8-F]		3/4	15.5	31.4	90.3	0.75
										2/4	10.4	24.7	89.7	0.64
										1/4	5.5	20.5	84.7	0.41
306UFG	30	104	1172	45.9	323	H	1	AWG 7-7+15-5	0.96-1.08	4/4	24.8	45.9	90.3	0.82
-								Rubber Cable [S1BN8-F]		3/4	18.6	37.8	90.0	0.75
										2/4	12.6	29.9	89.0	0.64
										1/4	6.7	24.9	83.3	0.41
306XFG	30	104	1172	45.9	323	H	1	AWG 7-7+15-5	0.96-1.08	4/4	24.8	45.9	90.3	0.82
-								Rubber Cable [S1BN8-F]		3/4	18.6	37.8	90.0	0.75
										2/4	12.6	29.9	89.0	0.64
										1/4	6.7	24.9	83.3	0.41
376UFG	40	104	1187	57.0	431	H	2 +1	AWG 7-4	0.72-0.77	4/4	32.7	57.0	91.3	0.87
-								AWG 15-8	0.56-0.60	3/4	24.6	45.5	91.0	0.82
								Rubber Cable [S1BN8-F]		2/4	16.6	35.0	89.9	0.72
										1/4	8.8	26.9	84.3	0.50
376XFG	40	104	1187	57.0	431	H	2 +1	AWG 7-4	0.72-0.77	4/4	32.7	57.0	91.3	0.87
-								AWG 15-8	0.56-0.60	3/4	24.6	45.5	91.0	0.82
								Rubber Cable [S1BN8-F]		2/4	16.6	35.0	89.9	0.72
										1/4	8.8	26.9	84.3	0.50
456UFG	50	104	1187	70.8	539	J	2 +1	AWG 7-4	0.72-0.77	4/4	40.5	70.8	92.0	0.87
-								AWG 15-8	0.56-0.60	3/4	30.4	55.7	91.9	0.83
								Rubber Cable [S1BN8-F]		2/4	20.5	42.0	91.1	0.74
										1/4	10.8	31.6	86.3	0.52

motor data

6-poles

380 V

60 Hz

3~

G

Cooling jacket

Installation types: D/H/K

motor type efficiency class	motor rating P2 [hp]	max. temp. pum- ped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA		cable size power + control cable			motor data				
					I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
456XFG	50	104	1187	70.8	539	J	2	AWG 7-4	0.72-0.77	4/4	40.5	70.8	92.0	0.87
-							+1	AWG 15-8	0.56-0.60	3/4	30.4	55.7	91.9	0.83
								Rubber Cable		2/4	20.5	42.0	91.1	0.74
								[S1BN8-F]		1/4	10.8	31.6	86.3	0.52
556UFG	60	104	1187	83.8	636	H	2	AWG 5-4	0.89-0.94	4/4	48.5	83.8	92.2	0.88
-							+1	AWG 15-8	0.56-0.60	3/4	36.5	66.1	91.9	0.84
								Rubber Cable		2/4	24.6	49.9	90.9	0.75
								[S1BN8-F]		1/4	12.9	36.3	86.8	0.54
556XFG	60	104	1187	83.8	636	H	2	AWG 5-4	0.89-0.94	4/4	48.5	83.8	92.2	0.88
-							+1	AWG 15-8	0.56-0.60	3/4	36.5	66.1	91.9	0.84
								Rubber Cable		2/4	24.6	49.9	90.9	0.75
								[S1BN8-F]		1/4	12.9	36.3	86.8	0.54

motor data
8-poles
380 V
60 Hz
3~
G
Cooling jacket
Installation types: D/H/K

motor type	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
158UFG	15	104	878	27.8	161	H	1	AWG 9-7+15-5	0.94-1.06	4/4	13.0	27.8	85.9	0.71
-								Rubber Cable [S1BN8-F]		3/4	9.9	23.7	85.1	0.63
										2/4	6.8	20.6	82.4	0.50
										1/4	3.8	18.8	72.9	0.31
158XFG	15	104	878	27.8	161	H	1	AWG 9-7+15-5	0.94-1.06	4/4	13.0	27.8	85.9	0.71
-								Rubber Cable [S1BN8-F]		3/4	9.9	23.7	85.1	0.63
										2/4	6.8	20.6	82.4	0.50
										1/4	3.8	18.8	72.9	0.31
188UFG	20	104	878	37.4	213	H	1	AWG 7-7+15-5	0.96-1.08	4/4	17.2	37.4	86.6	0.70
-								Rubber Cable [S1BN8-F]		3/4	13.0	32.4	85.9	0.61
										2/4	9.0	28.4	83.1	0.48
										1/4	5.0	25.5	74.0	0.30
188XFG	20	104	878	37.4	213	H	1	AWG 7-7+15-5	0.96-1.08	4/4	17.2	37.4	86.6	0.70
-								Rubber Cable [S1BN8-F]		3/4	13.0	32.4	85.9	0.61
										2/4	9.0	28.4	83.1	0.48
										1/4	5.0	25.5	74.0	0.30
228UFG	25	104	876	43.7	245	H	1	AWG 7-7+15-5	0.96-1.08	4/4	21.3	43.7	87.5	0.74
-								Rubber Cable [S1BN8-F]		3/4	16.0	36.3	87.2	0.67
										2/4	10.9	30.7	85.4	0.54
										1/4	6.0	26.8	77.9	0.34
228XFG	25	104	876	43.7	245	H	1	AWG 7-7+15-5	0.96-1.08	4/4	21.3	43.7	87.5	0.74
-								Rubber Cable [S1BN8-F]		3/4	16.0	36.3	87.2	0.67
										2/4	10.9	30.7	85.4	0.54
										1/4	6.0	26.8	77.9	0.34
308UFG	30	104	890	48.9	315	H	2 +1	AWG 9-4	0.56-0.60	4/4	24.8	48.9	90.3	0.77
-								AWG 15-8	0.56-0.60	3/4	18.6	39.9	90.0	0.71
								Rubber Cable [S1BN8-F]		2/4	12.7	33.2	88.4	0.58
										1/4	6.8	28.0	82.2	0.37
308XFG	30	104	890	48.9	315	H	2 +1	AWG 9-4	0.56-0.60	4/4	24.8	48.9	90.3	0.77
-								AWG 15-8	0.56-0.60	3/4	18.6	39.9	90.0	0.71
								Rubber Cable [S1BN8-F]		2/4	12.7	33.2	88.4	0.58
										1/4	6.8	28.0	82.2	0.37
378UFG	40	104	890	65.0	415	H	2 +1	AWG 7-4	0.72-0.77	4/4	33.0	65.0	90.5	0.77
-								AWG 15-8	0.56-0.60	3/4	24.9	54.0	90.0	0.70
								Rubber Cable [S1BN8-F]		2/4	16.9	44.3	88.1	0.58
										1/4	9.2	37.8	81.0	0.37
378XFG	40	104	890	65.0	415	H	2 +1	AWG 7-4	0.72-0.77	4/4	33.0	65.0	90.5	0.77
-								AWG 15-8	0.56-0.60	3/4	24.9	54.0	90.0	0.70
								Rubber Cable [S1BN8-F]		2/4	16.9	44.3	88.1	0.58
										1/4	9.2	37.8	81.0	0.37
458UFG	50	104	890	79.9	511	H	2 +1	AWG 5-4	0.89-0.94	4/4	41.0	79.9	90.9	0.78
-								AWG 15-8	0.56-0.60	3/4	30.8	65.0	90.7	0.72
								Rubber Cable [S1BN8-F]		2/4	20.8	53.6	89.5	0.59
										1/4	11.2	45.9	83.5	0.37

motor data

8-poles

380 V

60 Hz

3~

G

Cooling jacket

Installation types: D/H/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
458XFG	50	104	890	79.9	511	H	2	AWG 5-4	0.89-0.94	4/4	41.0	79.9	90.9	0.78
-							+1	AWG 15-8	0.56-0.60	3/4	30.8	65.0	90.7	0.72
								Rubber Cable		2/4	20.8	53.6	89.5	0.59
								[S1BN8-F]		1/4	11.2	45.9	83.5	0.37

2-poles
400 V
60 Hz
3~
FG
Cooling jacket
Installation type D/H/K

motor type efficiency class	motor rating P2 [hp]	max. temp. pumped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA I _s [A]	NEMA code letter	cable size power + control cable			motor data				
							Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
182UFG	20	104	3544	26.8	201	H	1	AWG 11-7+15-5	0.83-0.91	4/4	16.7	26.8	89.4	0.90
-								Rubber Cable [S1BN8-F]		3/4	12.5	20.8	89.2	0.87
										2/4	8.5	15.4	87.6	0.80
										1/4	4.6	10.9	81.0	0.61
182XFG	20	104	3544	26.8	201	H	1	AWG 11-7+15-5	0.83-0.91	4/4	16.7	26.8	89.4	0.90
-								Rubber Cable [S1BN8-F]		3/4	12.5	20.8	89.2	0.87
										2/4	8.5	15.4	87.6	0.80
										1/4	4.6	10.9	81.0	0.61
222UFG	25	104	3545	32.9	250	H	1	AWG 9-7+15-5	0.94-1.06	4/4	20.7	32.9	90.0	0.91
-								Rubber Cable [S1BN8-F]		3/4	15.6	25.0	89.8	0.90
										2/4	10.5	18.3	88.4	0.83
										1/4	5.7	12.4	82.3	0.66
222XFG	25	104	3545	32.9	250	H	1	AWG 9-7+15-5	0.94-1.06	4/4	20.7	32.9	90.0	0.91
-								Rubber Cable [S1BN8-F]		3/4	15.6	25.0	89.8	0.90
										2/4	10.5	18.3	88.4	0.83
										1/4	5.7	12.4	82.3	0.66
262UFG	30	104	3544	38.8	294	H	1	AWG 7-7+15-5	0.96-1.08	4/4	24.7	38.8	90.6	0.92
-								Rubber Cable [S1BN8-F]		3/4	18.6	29.4	90.4	0.91
										2/4	12.5	21.0	89.4	0.86
										1/4	6.7	13.7	84.1	0.70
262XFG	30	104	3544	38.8	294	H	1	AWG 7-7+15-5	0.96-1.08	4/4	24.7	38.8	90.6	0.92
-								Rubber Cable [S1BN8-F]		3/4	18.6	29.4	90.4	0.91
										2/4	12.5	21.0	89.4	0.86
										1/4	6.7	13.7	84.1	0.70
302UFG	40	104	3550	51.1	383	H	1 +1	AWG 5-4	0.89-0.94	4/4	32.6	51.1	91.6	0.92
-								AWG 15-8	0.56-0.60	3/4	24.5	39.2	91.4	0.90
								Rubber Cable [S1BN8-F]		2/4	16.5	27.9	90.6	0.85
										1/4	8.7	18.5	85.6	0.68
302XFG	40	104	3550	51.1	383	H	1 +1	AWG 5-4	0.89-0.94	4/4	32.6	51.1	91.6	0.92
-								AWG 15-8	0.56-0.60	3/4	24.5	39.2	91.4	0.90
								Rubber Cable [S1BN8-F]		2/4	16.5	27.9	90.6	0.85
										1/4	8.7	18.5	85.6	0.68

4-poles

400 V

60 Hz

3~

FG

Cooling jacket

Installation type D/H/K

motor type efficiency class	motor rating P2 [hp]	max. temp. pump- ed media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA		Qty.	cable size power + control cable		motor data				
					I _s [A]	NEMA code letter		type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
154UFG	15	104	1768	21.6	147	H	1	AWG 11-7+15-5	0.83-0.91	4/4	12.6	21.6	88.7	0.84
-								Rubber Cable [S1BN8-F]		3/4	9.5	17.1	88.4	0.80
										2/4	6.5	13.3	86.5	0.70
										1/4	3.5	10.2	79.2	0.50
154XFG	15	104	1768	21.6	147	H	1	AWG 11-7+15-5	0.83-0.91	4/4	12.6	21.6	88.7	0.84
-								Rubber Cable [S1BN8-F]		3/4	9.5	17.1	88.4	0.80
										2/4	6.5	13.3	86.5	0.70
										1/4	3.5	10.2	79.2	0.50
184UFG	20	104	1765	28.8	192	H	1	AWG 9-7+15-5	0.94-1.06	4/4	16.7	28.8	89.1	0.84
-								Rubber Cable [S1BN8-F]		3/4	12.6	23.0	88.9	0.79
										2/4	8.5	17.6	87.6	0.70
										1/4	4.6	13.8	81.2	0.48
184XFG	20	104	1765	28.8	192	H	1	AWG 9-7+15-5	0.94-1.06	4/4	16.7	28.8	89.1	0.84
-								Rubber Cable [S1BN8-F]		3/4	12.6	23.0	88.9	0.79
										2/4	8.5	17.6	87.6	0.70
										1/4	4.6	13.8	81.2	0.48
224UFG	25	104	1765	35.2	236	H	1	AWG 9-7+15-5	0.94-1.06	4/4	20.7	35.2	89.9	0.85
-								Rubber Cable [S1BN8-F]		3/4	15.6	27.8	89.7	0.81
										2/4	10.5	21.0	88.9	0.72
										1/4	5.6	15.9	83.2	0.51
224XFG	25	104	1765	35.2	236	H	1	AWG 9-7+15-5	0.94-1.06	4/4	20.7	35.2	89.9	0.85
-								Rubber Cable [S1BN8-F]		3/4	15.6	27.8	89.7	0.81
										2/4	10.5	21.0	88.9	0.72
										1/4	5.6	15.9	83.2	0.51
304UFG	30	104	1766	42.0	293	H	1	AWG 7-7+15-5	0.96-1.08	4/4	24.7	42.0	90.5	0.85
-								Rubber Cable [S1BN8-F]		3/4	18.6	33.1	90.3	0.81
										2/4	12.5	25.1	89.3	0.72
										1/4	6.7	18.9	83.8	0.51
304XFG	30	104	1766	42.0	293	H	1	AWG 7-7+15-5	0.96-1.08	4/4	24.7	42.0	90.5	0.85
-								Rubber Cable [S1BN8-F]		3/4	18.6	33.1	90.3	0.81
										2/4	12.5	25.1	89.3	0.72
										1/4	6.7	18.9	83.8	0.51
374UFG	40	104	1766	55.3	386	H	1 +1	AWG 5-4	0.89-0.94	4/4	32.6	55.3	91.6	0.85
-								AWG 15-8	0.56-0.60	3/4	24.5	43.7	91.3	0.81
								Rubber Cable [S1BN8-F]		2/4	16.4	32.4	90.9	0.73
										1/4	8.6	24.5	86.3	0.51
374XFG	40	104	1766	55.3	386	H	1 +1	AWG 5-4	0.89-0.94	4/4	32.6	55.3	91.6	0.85
-								AWG 15-8	0.56-0.60	3/4	24.5	43.7	91.3	0.81
								Rubber Cable [S1BN8-F]		2/4	16.4	32.4	90.9	0.73
										1/4	8.6	24.5	86.3	0.51
554UFG	52	104	1775	71.5	522	H	2 +1	AWG 7-4	0.72-0.77	4/4	42.6	71.5	91.0	0.86
-								AWG 15-8	0.56-0.60	3/4	32.0	55.7	90.8	0.83
								Rubber Cable [S1BN8-F]		2/4	21.7	41.7	89.5	0.75
										1/4	11.6	30.5	83.5	0.55

4-poles
400 V
60 Hz
3~
FG
Cooling jacket
Installation type D/H/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
554XFG	52	104	1775	71.5	522	H	2	AWG 7-4	0.72-0.77	4/4	42.6	71.5	91.0	0.86
-							+1	AWG 15-8	0.56-0.60	3/4	32.0	55.7	90.8	0.83
								Rubber Cable		2/4	21.7	41.7	89.5	0.75
								[S1BN8-F]		1/4	11.6	30.5	83.5	0.55
654UFG	74	104	1775	100.0	740	H	2	AWG 3-4	1.06-1.13	4/4	59.7	100.0	92.4	0.86
-							+1	AWG 15-8	0.56-0.60	3/4	45.0	78.0	92.0	0.83
								Rubber Cable		2/4	30.2	59.0	91.5	0.74
								[S1BN8-F]		1/4	15.9	43.0	87.0	0.53
654XFG	74	104	1775	100.0	740	H	2	AWG 3-4	1.06-1.13	4/4	59.7	100.0	92.4	0.86
-							+1	AWG 15-8	0.56-0.60	3/4	45.0	78.0	92.0	0.83
								Rubber Cable		2/4	30.2	59.0	91.5	0.74
								[S1BN8-F]		1/4	15.9	43.0	87.0	0.53
754UFG	87	104	1780	116	835	H	2	AWG 3-4	1.06-1.13	4/4	70.0	116	92.7	0.87
-							+1	AWG 15-8	0.56-0.60	3/4	52.6	91	92.5	0.84
								Rubber Cable		2/4	35.5	68	91.5	0.75
								[S1BN8-F]		1/4	18.6	49	87.1	0.54
754XFG	87	104	1780	116	835	H	2	AWG 3-4	1.06-1.13	4/4	70.0	116	92.7	0.87
-							+1	AWG 15-8	0.56-0.60	3/4	52.6	91	92.5	0.84
								Rubber Cable		2/4	35.5	68	91.5	0.75
								[S1BN8-F]		1/4	18.6	49	87.1	0.54

6-poles

400 V

60 Hz

3~

FG

Cooling jacket

Installation type D/H/K

motor type efficiency class	motor rating P2 [hp]	max. temp. pum- ped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA I _s [A]		NEMA code letter	cable size power + control cable			motor data				
								Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
156UFG	15	104	1164	22.9	153	H		1	AWG 11-7+15-5	0.83-0.91	4/4	13.0	22.9	86.1	0.82
-									Rubber Cable		3/4	9.8	18.5	85.9	0.76
									[S1BN8-F]		2/4	6.6	15.0	84.3	0.64
											1/4	3.6	12.0	76.7	0.44
156XFG	15	104	1164	22.9	153	H		1	AWG 11-7+15-5	0.83-0.91	4/4	13.0	22.9	86.1	0.82
-									Rubber Cable		3/4	9.8	18.5	85.9	0.76
									[S1BN8-F]		2/4	6.6	15.0	84.3	0.64
											1/4	3.6	12.0	76.7	0.44
186UFG	20	104	1162	30.0	201	H		1	AWG 9-7+15-5	0.94-1.06	4/4	17.2	30.0	86.5	0.83
-									Rubber Cable		3/4	13.0	24.3	86.3	0.77
									[S1BN8-F]		2/4	8.7	19.1	85.3	0.66
											1/4	4.8	15.3	78.5	0.45
186XFG	20	104	1162	30.0	201	H		1	AWG 9-7+15-5	0.94-1.06	4/4	17.2	30.0	86.5	0.83
-									Rubber Cable		3/4	13.0	24.3	86.3	0.77
									[S1BN8-F]		2/4	8.7	19.1	85.3	0.66
											1/4	4.8	15.3	78.5	0.45
226UFG	25	104	1174	36.7	255	H		1	AWG 7-7+15-5	0.96-1.08	4/4	20.6	36.7	90.6	0.81
-									Rubber Cable		3/4	15.5	29.8	90.3	0.75
									[S1BN8-F]		2/4	10.4	23.5	89.7	0.64
											1/4	5.5	19.4	84.7	0.41
226XFG	25	104	1174	36.7	255	H		1	AWG 7-7+15-5	0.96-1.08	4/4	20.6	36.7	90.6	0.81
-									Rubber Cable		3/4	15.5	29.8	90.3	0.75
									[S1BN8-F]		2/4	10.4	23.5	89.7	0.64
											1/4	5.5	19.4	84.7	0.41
306UFG	30	104	1172	43.6	307	H		1	AWG 7-7+15-5	0.96-1.08	4/4	24.8	43.6	90.3	0.82
-									Rubber Cable		3/4	18.6	35.9	90.0	0.75
									[S1BN8-F]		2/4	12.6	28.4	89.0	0.64
											1/4	6.7	23.7	83.3	0.41
306XFG	30	104	1172	43.6	307	H		1	AWG 7-7+15-5	0.96-1.08	4/4	24.8	43.6	90.3	0.82
-									Rubber Cable		3/4	18.6	35.9	90.0	0.75
									[S1BN8-F]		2/4	12.6	28.4	89.0	0.64
											1/4	6.7	23.7	83.3	0.41
376UFG	40	104	1187	54.2	409	H		2 +1	AWG 7-4	0.72-0.77	4/4	32.7	54.2	91.3	0.87
-									AWG 15-8	0.56-0.60	3/4	24.6	43.2	91.0	0.82
									Rubber Cable		2/4	16.6	33.2	89.9	0.72
									[S1BN8-F]		1/4	8.8	25.5	84.3	0.50
376XFG	40	104	1187	54.2	409	H		2 +1	AWG 7-4	0.72-0.77	4/4	32.7	54.2	91.3	0.87
-									AWG 15-8	0.56-0.60	3/4	24.6	43.2	91.0	0.82
									Rubber Cable		2/4	16.6	33.2	89.9	0.72
									[S1BN8-F]		1/4	8.8	25.5	84.3	0.50
456UFG	50	104	1187	67.3	512	H		2 +1	AWG 7-4	0.72-0.77	4/4	40.5	67.3	92.0	0.87
-									AWG 15-8	0.56-0.60	3/4	30.4	52.9	91.9	0.83
									Rubber Cable		2/4	20.5	39.9	91.1	0.74
									[S1BN8-F]		1/4	10.8	30.0	86.3	0.52

6-poles
400 V
60 Hz
3~
FG
Cooling jacket
Installation type D/H/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2		n _n	I _n	I _s	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
	[hp]	[°F]	[rpm]	[A]	[A]									
456XFG	50	104	1187	67.3	512	H	2	AWG 7-4	0.72-0.77	4/4	40.5	67.3	92.0	0.87
-							+1	AWG 15-8	0.56-0.60	3/4	30.4	52.9	91.9	0.83
								Rubber Cable		2/4	20.5	39.9	91.1	0.74
								[S1BN8-F]		1/4	10.8	30.0	86.3	0.52
556UFG	60	104	1187	79.6	604	H	2	AWG 5-4	0.89-0.94	4/4	48.5	79.6	92.2	0.88
-							+1	AWG 15-8	0.56-0.60	3/4	36.5	62.8	91.9	0.84
								Rubber Cable		2/4	24.6	47.4	90.9	0.75
								[S1BN8-F]		1/4	12.9	34.5	86.8	0.54
556XFG	60	104	1187	79.6	604	H	2	AWG 5-4	0.89-0.94	4/4	48.5	79.6	92.2	0.88
-							+1	AWG 15-8	0.56-0.60	3/4	36.5	62.8	91.9	0.84
								Rubber Cable		2/4	24.6	47.4	90.9	0.75
								[S1BN8-F]		1/4	12.9	34.5	86.8	0.54

motor data

8-poles

400 V

60 Hz

3~

G

Cooling jacket

Installation types: D/H/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
158UFG	15	104	878	26.5	153	H	1	AWG 11-7+15-5	0.83-0.91	4/4	13.0	26.5	85.9	0.71
-								Rubber Cable [S1BN8-F]		3/4	9.9	22.5	85.1	0.63
										2/4	6.8	19.6	82.4	0.50
										1/4	3.8	17.8	72.9	0.31
158XFG	15	104	878	26.5	153	H	1	AWG 11-7+15-5	0.83-0.91	4/4	13.0	26.5	85.9	0.71
-								Rubber Cable [S1BN8-F]		3/4	9.9	22.5	85.1	0.63
										2/4	6.8	19.6	82.4	0.50
										1/4	3.8	17.8	72.9	0.31
188UFG	20	104	878	35.5	202	H	1	AWG 9-7+15-5	0.94-1.06	4/4	17.2	35.5	86.6	0.70
-								Rubber Cable [S1BN8-F]		3/4	13.0	30.8	85.9	0.61
										2/4	9.0	27.0	83.1	0.48
										1/4	5.0	24.3	74.0	0.30
188XFG	20	104	878	35.5	202	H	1	AWG 9-7+15-5	0.94-1.06	4/4	17.2	35.5	86.6	0.70
-								Rubber Cable [S1BN8-F]		3/4	13.0	30.8	85.9	0.61
										2/4	9.0	27.0	83.1	0.48
										1/4	5.0	24.3	74.0	0.30
228UFG	25	104	876	41.5	232	H	1	AWG 7-7+15-5	0.96-1.08	4/4	21.3	41.5	87.5	0.74
-								Rubber Cable [S1BN8-F]		3/4	16.0	34.5	87.2	0.67
										2/4	10.9	29.2	85.4	0.54
										1/4	6.0	25.4	77.9	0.34
228XFG	25	104	876	41.5	232	H	1	AWG 7-7+15-5	0.96-1.08	4/4	21.3	41.5	87.5	0.74
-								Rubber Cable [S1BN8-F]		3/4	16.0	34.5	87.2	0.67
										2/4	10.9	29.2	85.4	0.54
										1/4	6.0	25.4	77.9	0.34
308UFG	30	104	890	46.5	299	H	2	AWG 9-4	0.56-0.60	4/4	24.8	46.5	90.3	0.77
-							+1	AWG 15-8	0.56-0.60	3/4	18.6	38.0	90.0	0.71
								Rubber Cable [S1BN8-F]		2/4	12.7	31.5	88.4	0.58
										1/4	6.8	26.6	82.2	0.37
308XFG	30	104	890	46.5	299	H	2	AWG 9-4	0.56-0.60	4/4	24.8	46.5	90.3	0.77
-							+1	AWG 15-8	0.56-0.60	3/4	18.6	38.0	90.0	0.71
								Rubber Cable [S1BN8-F]		2/4	12.7	31.5	88.4	0.58
										1/4	6.8	26.6	82.2	0.37
378UFG	40	104	890	61.8	394	H	2	AWG 7-4	0.72-0.77	4/4	33.0	61.8	90.5	0.77
-							+1	AWG 15-8	0.56-0.60	3/4	24.9	51.3	90.0	0.70
								Rubber Cable [S1BN8-F]		2/4	16.9	42.1	88.1	0.58
										1/4	9.2	35.9	81.0	0.37
378XFG	40	104	890	61.8	394	H	2	AWG 7-4	0.72-0.77	4/4	33.0	61.8	90.5	0.77
-							+1	AWG 15-8	0.56-0.60	3/4	24.9	51.3	90.0	0.70
								Rubber Cable [S1BN8-F]		2/4	16.9	42.1	88.1	0.58
										1/4	9.2	35.9	81.0	0.37
458UFG	50	104	890	75.9	485	H	2	AWG 5-4	0.89-0.94	4/4	41.0	75.9	90.9	0.78
-							+1	AWG 15-8	0.56-0.60	3/4	30.8	61.8	90.7	0.72
								Rubber Cable [S1BN8-F]		2/4	20.8	50.9	89.5	0.59
										1/4	11.2	43.6	83.5	0.37

motor data 8-poles 400 V 60 Hz 3~ G

Cooling jacket

Installation types: D/H/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
458XFG	50	104	890	75.9	485	H	2	AWG 5-4	0.89-0.94	4/4	41.0	75.9	90.9	0.78
-							+1	AWG 15-8	0.56-0.60	3/4	30.8	61.8	90.7	0.72
								Rubber Cable		2/4	20.8	50.9	89.5	0.59
								[S1BN8-F]		1/4	11.2	43.6	83.5	0.37

2-poles

460 V

60 Hz

3~

FG

Cooling jacket

Installation type D/H/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
182UFG	20	104	3544	23.3	175	H	1	AWG 11-7+15-5	0.83-0.91	4/4	16.7	23.3	89.4	0.90
-								Rubber Cable [S1BN8-F]		3/4	12.5	18.1	89.2	0.87
										2/4	8.5	13.4	87.6	0.80
										1/4	4.6	9.5	81.0	0.61
182XFG	20	104	3544	23.3	175	H	1	AWG 11-7+15-5	0.83-0.91	4/4	16.7	23.3	89.4	0.90
-								Rubber Cable [S1BN8-F]		3/4	12.5	18.1	89.2	0.87
										2/4	8.5	13.4	87.6	0.80
										1/4	4.6	9.5	81.0	0.61
222UFG	25	104	3545	28.6	217	H	1	AWG 9-7+15-5	0.94-1.06	4/4	20.7	28.6	90.0	0.91
-								Rubber Cable [S1BN8-F]		3/4	15.6	21.7	89.8	0.90
										2/4	10.5	15.9	88.4	0.83
										1/4	5.7	10.8	82.3	0.66
222XFG	25	104	3545	28.6	217	H	1	AWG 9-7+15-5	0.94-1.06	4/4	20.7	28.6	90.0	0.91
-								Rubber Cable [S1BN8-F]		3/4	15.6	21.7	89.8	0.90
										2/4	10.5	15.9	88.4	0.83
										1/4	5.7	10.8	82.3	0.66
262UFG	30	104	3544	33.7	256	H	1	AWG 9-7+15-5	0.94-1.06	4/4	24.7	33.7	90.6	0.92
-								Rubber Cable [S1BN8-F]		3/4	18.6	25.6	90.4	0.91
										2/4	12.5	18.3	89.4	0.86
										1/4	6.7	11.9	84.1	0.70
262XFG	30	104	3544	33.7	256	H	1	AWG 9-7+15-5	0.94-1.06	4/4	24.7	33.7	90.6	0.92
-								Rubber Cable [S1BN8-F]		3/4	18.6	25.6	90.4	0.91
										2/4	12.5	18.3	89.4	0.86
										1/4	6.7	11.9	84.1	0.70
302UFG	40	104	3550	44.4	333	H	1	AWG 7-7+15-5	0.96-1.08	4/4	32.6	44.4	91.6	0.92
-								Rubber Cable [S1BN8-F]		3/4	24.5	34.1	91.4	0.90
										2/4	16.5	24.3	90.6	0.85
										1/4	8.7	16.1	85.6	0.68
302XFG	40	104	3550	44.4	333	H	1	AWG 7-7+15-5	0.96-1.08	4/4	32.6	44.4	91.6	0.92
-								Rubber Cable [S1BN8-F]		3/4	24.5	34.1	91.4	0.90
										2/4	16.5	24.3	90.6	0.85
										1/4	8.7	16.1	85.6	0.68
372UFG	48	104	3556	52.5	427	H	1 +1	AWG 5-4	0.89-0.94	4/4	38.8	52.5	92.4	0.93
-								AWG 15-8	0.56-0.60	3/4	29.0	39.6	92.5	0.92
								Rubber Cable [S1BN8-F]		2/4	19.6	28.7	91.5	0.86
										1/4	10.4	19.8	86.2	0.66
372XFG	48	104	3556	52.5	427	H	1 +1	AWG 5-4	0.89-0.94	4/4	38.8	52.5	92.4	0.93
-								AWG 15-8	0.56-0.60	3/4	29.0	39.6	92.5	0.92
								Rubber Cable [S1BN8-F]		2/4	19.6	28.7	91.5	0.86
										1/4	10.4	19.8	86.2	0.66

motor data
4-poles
460 V
60 Hz
3~
FG
Cooling jacket
Installation types D/H/K

motor type efficiency class	motor rating P2 [hp]	max. temp. pumped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA I _s [A]	NEMA code letter	cable size power + control cable			motor data				
							Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
154UFG	15	104	1768	18.8	128	H	1	AWG 13-12	0.73-0.77	4/4	12.6	18.8	88.7	0.84
-								Rubber Cable [S1BN8-F]		3/4	9.5	14.9	88.4	0.80
										2/4	6.5	11.6	86.5	0.70
										1/4	3.5	8.9	79.2	0.50
154XFG	15	104	1768	18.8	128	H	1	AWG 13-12	0.73-0.77	4/4	12.6	18.8	88.7	0.84
-								Rubber Cable [S1BN8-F]		3/4	9.5	14.9	88.4	0.80
										2/4	6.5	11.6	86.5	0.70
										1/4	3.5	8.9	79.2	0.50
184UFG	20	104	1765	25.0	167	H	1	AWG 11-7+15-5	0.83-0.91	4/4	16.7	25.0	89.1	0.84
-								Rubber Cable [S1BN8-F]		3/4	12.6	20.0	88.9	0.79
										2/4	8.5	15.3	87.6	0.70
										1/4	4.6	12.0	81.2	0.48
184XFG	20	104	1765	25.0	167	H	1	AWG 11-7+15-5	0.83-0.91	4/4	16.7	25.0	89.1	0.84
-								Rubber Cable [S1BN8-F]		3/4	12.6	20.0	88.9	0.79
										2/4	8.5	15.3	87.6	0.70
										1/4	4.6	12.0	81.2	0.48
224UFG	25	104	1765	30.6	205	H	1	AWG 9-7+15-5	0.94-1.06	4/4	20.7	30.6	89.9	0.85
-								Rubber Cable [S1BN8-F]		3/4	15.6	24.2	89.7	0.81
										2/4	10.5	18.3	88.9	0.72
										1/4	5.6	13.8	83.2	0.51
224XFG	25	104	1765	30.6	205	H	1	AWG 9-7+15-5	0.94-1.06	4/4	20.7	30.6	89.9	0.85
-								Rubber Cable [S1BN8-F]		3/4	15.6	24.2	89.7	0.81
										2/4	10.5	18.3	88.9	0.72
										1/4	5.6	13.8	83.2	0.51
304UFG	30	104	1766	36.5	255	H	1	AWG 7-7+15-5	0.96-1.08	4/4	24.7	36.5	90.5	0.85
-								Rubber Cable [S1BN8-F]		3/4	18.6	28.8	90.3	0.81
										2/4	12.5	21.8	89.3	0.72
										1/4	6.7	16.4	83.8	0.51
304XFG	30	104	1766	36.5	255	H	1	AWG 7-7+15-5	0.96-1.08	4/4	24.7	36.5	90.5	0.85
-								Rubber Cable [S1BN8-F]		3/4	18.6	28.8	90.3	0.81
										2/4	12.5	21.8	89.3	0.72
										1/4	6.7	16.4	83.8	0.51
374UFG	40	104	1766	48.1	336	H	1	AWG 7-7+15-5	0.96-1.08	4/4	32.6	48.1	91.6	0.85
-								Rubber Cable [S1BN8-F]		3/4	24.5	38.0	91.3	0.81
										2/4	16.4	28.2	90.9	0.73
										1/4	8.6	21.3	86.3	0.51
374XFG	40	104	1766	48.1	336	H	1	AWG 7-7+15-5	0.96-1.08	4/4	32.6	48.1	91.6	0.85
-								Rubber Cable [S1BN8-F]		3/4	24.5	38.0	91.3	0.81
										2/4	16.4	28.2	90.9	0.73
										1/4	8.6	21.3	86.3	0.51
554UFG	52	104	1775	62.2	454	H	2 +1	AWG 7-4	0.72-0.77	4/4	42.6	62.2	91.0	0.86
-								AWG 15-8	0.56-0.60	3/4	32.0	48.4	90.8	0.83
								Rubber Cable [S1BN8-F]		2/4	21.7	36.3	89.5	0.75
										1/4	11.6	26.5	83.5	0.55

4-poles
460 V
60 Hz
3~
FG
Cooling jacket
Installation type D/H/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2		n _n	I _n	I _s	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
	[hp]	[°F]	[rpm]	[A]	[A]									
554XFG	52	104	1775	62.2	454	H	2	AWG 7-4	0.72-0.77	4/4	42.6	62.2	91.0	0.86
-							+1	AWG 15-8	0.56-0.60	3/4	32.0	48.4	90.8	0.83
								Rubber Cable		2/4	21.7	36.3	89.5	0.75
								[S1BN8-F]		1/4	11.6	26.5	83.5	0.55
654UFG	74	104	1775	87.2	645	H	2	AWG 5-4	0.89-0.94	4/4	59.7	87.2	92.4	0.86
-							+1	AWG 15-8	0.56-0.60	3/4	45.0	68.0	92.0	0.83
								Rubber Cable		2/4	30.2	51.1	91.5	0.74
								[S1BN8-F]		1/4	15.9	37.6	87.0	0.53
654XFG	74	104	1775	87.2	645	H	2	AWG 5-4	0.89-0.94	4/4	59.7	87.2	92.4	0.86
-							+1	AWG 15-8	0.56-0.60	3/4	45.0	68.0	92.0	0.83
								Rubber Cable		2/4	30.2	51.1	91.5	0.74
								[S1BN8-F]		1/4	15.9	37.6	87.0	0.53
754UFG	87	104	1780	101	727	H	2	AWG 3-4	1.06-1.13	4/4	70.0	101	92.7	0.87
-							+1	AWG 15-8	0.56-0.60	3/4	52.6	79	92.5	0.84
								Rubber Cable		2/4	35.5	59	91.5	0.75
								[S1BN8-F]		1/4	18.6	43	87.1	0.54
754XFG	87	104	1780	101	727	H	2	AWG 3-4	1.06-1.13	4/4	70.0	101	92.7	0.87
-							+1	AWG 15-8	0.56-0.60	3/4	52.6	79	92.5	0.84
								Rubber Cable		2/4	35.5	59	91.5	0.75
								[S1BN8-F]		1/4	18.6	43	87.1	0.54

6-poles

460 V

60 Hz

3~

FG

Cooling jacket

Installation types D/H/K

motor type efficiency class	motor rating P2 [hp]	max. temp. pump- ed media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA I _s [A]		NEMA code letter	cable size power + control cable			motor data				
								Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
156UFG	15	104	1164	19.9	133	H		1	AWG 13-12	0.73-0.77	4/4	13.0	19.9	86.1	0.82
-									Rubber Cable [S1BN8-F]		3/4	9.8	16.1	85.9	0.76
											2/4	6.6	13.0	84.3	0.64
											1/4	3.6	10.4	76.7	0.44
156XFG	15	104	1164	19.9	133	H		1	AWG 13-12	0.73-0.77	4/4	13.0	19.9	86.1	0.82
-									Rubber Cable [S1BN8-F]		3/4	9.8	16.1	85.9	0.76
											2/4	6.6	13.0	84.3	0.64
											1/4	3.6	10.4	76.7	0.44
186UFG	20	104	1162	26.1	175	H		1	AWG 11-7+15-5	0.83-0.91	4/4	17.2	26.1	86.5	0.83
-									Rubber Cable [S1BN8-F]		3/4	13.0	21.1	86.3	0.77
											2/4	8.7	16.6	85.3	0.66
											1/4	4.8	13.3	78.5	0.45
186XFG	20	104	1162	26.1	175	H		1	AWG 11-7+15-5	0.83-0.91	4/4	17.2	26.1	86.5	0.83
-									Rubber Cable [S1BN8-F]		3/4	13.0	21.1	86.3	0.77
											2/4	8.7	16.6	85.3	0.66
											1/4	4.8	13.3	78.5	0.45
226UFG	25	104	1174	31.9	222	H		1	AWG 9-7+15-5	0.94-1.06	4/4	20.6	31.9	90.6	0.81
-									Rubber Cable [S1BN8-F]		3/4	15.5	25.9	90.3	0.75
											2/4	10.4	20.4	89.7	0.64
											1/4	5.5	16.9	84.7	0.41
226XFG	25	104	1174	31.9	222	H		1	AWG 9-7+15-5	0.94-1.06	4/4	20.6	31.9	90.6	0.81
-									Rubber Cable [S1BN8-F]		3/4	15.5	25.9	90.3	0.75
											2/4	10.4	20.4	89.7	0.64
											1/4	5.5	16.9	84.7	0.41
306UFG	30	104	1172	37.9	267	H		1	AWG 7-7+15-5	0.96-1.08	4/4	24.8	37.9	90.3	0.82
-									Rubber Cable [S1BN8-F]		3/4	18.6	31.2	90.0	0.75
											2/4	12.6	24.7	89.0	0.64
											1/4	6.7	20.6	83.3	0.41
306XFG	30	104	1172	37.9	267	H		1	AWG 7-7+15-5	0.96-1.08	4/4	24.8	37.9	90.3	0.82
-									Rubber Cable [S1BN8-F]		3/4	18.6	31.2	90.0	0.75
											2/4	12.6	24.7	89.0	0.64
											1/4	6.7	20.6	83.3	0.41
376UFG	40	104	1187	47.1	356	H		2 +1	AWG 9-4	0.56-0.60	4/4	32.7	47.1	91.3	0.87
-									AWG 15-8	0.56-0.60	3/4	24.6	37.6	91.0	0.82
									Rubber Cable [S1BN8-F]		2/4	16.6	28.9	89.9	0.72
											1/4	8.8	22.2	84.3	0.50
376XFG	40	104	1187	47.1	356	H		2 +1	AWG 9-4	0.56-0.60	4/4	32.7	47.1	91.3	0.87
-									AWG 15-8	0.56-0.60	3/4	24.6	37.6	91.0	0.82
									Rubber Cable [S1BN8-F]		2/4	16.6	28.9	89.9	0.72
											1/4	8.8	22.2	84.3	0.50
456UFG	50	104	1187	58.5	445	H		2 +1	AWG 7-4	0.72-0.77	4/4	40.5	58.5	92.0	0.87
-									AWG 15-8	0.56-0.60	3/4	30.4	46.0	91.9	0.83
									Rubber Cable [S1BN8-F]		2/4	20.5	34.7	91.1	0.74
											1/4	10.8	26.1	86.3	0.52

6-poles
460 V
60 Hz
3~
FG
Cooling jacket
Installation type D/H/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
456XFG	50	104	1187	58.5	445	H	2	AWG 7-4	0.72-0.77	4/4	40.5	58.5	92.0	0.87
-							+1	AWG 15-8	0.56-0.60	3/4	30.4	46.0	91.9	0.83
								Rubber Cable		2/4	20.5	34.7	91.1	0.74
								[S1BN8-F]		1/4	10.8	26.1	86.3	0.52
556UFG	60	104	1187	69.2	525	H	2	AWG 7-4	0.72-0.77	4/4	48.5	69.2	92.2	0.88
-							+1	AWG 15-8	0.56-0.60	3/4	36.5	54.6	91.9	0.84
								Rubber Cable		2/4	24.6	41.2	90.9	0.75
								[S1BN8-F]		1/4	12.9	30.0	86.8	0.54
556XFG	60	104	1187	69.2	525	H	2	AWG 7-4	0.72-0.77	4/4	48.5	69.2	92.2	0.88
-							+1	AWG 15-8	0.56-0.60	3/4	36.5	54.6	91.9	0.84
								Rubber Cable		2/4	24.6	41.2	90.9	0.75
								[S1BN8-F]		1/4	12.9	30.0	86.8	0.54

8-poles

460 V

60 Hz

3~

FG

Cooling jacket

Installation type D/H/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
158UFG	15	104	878	23.0	133	H	1	AWG 11-7+15-5	0.83-0.91	4/4	13.0	23.0	85.9	0.71
-								Rubber Cable [S1BN8-F]		3/4	9.9	19.6	85.1	0.63
										2/4	6.8	17.0	82.4	0.50
										1/4	3.8	15.5	72.9	0.31
158XFG	15	104	878	23.0	133	H	1	AWG 11-7+15-5	0.83-0.91	4/4	13.0	23.0	85.9	0.71
-								Rubber Cable [S1BN8-F]		3/4	9.9	19.6	85.1	0.63
										2/4	6.8	17.0	82.4	0.50
										1/4	3.8	15.5	72.9	0.31
188UFG	20	104	878	30.9	176	H	1	AWG 9-7+15-5	0.94-1.06	4/4	17.2	30.9	86.6	0.70
-								Rubber Cable [S1BN8-F]		3/4	13.0	26.8	85.9	0.61
										2/4	9.0	23.5	83.1	0.48
										1/4	5.0	21.1	74.0	0.30
188XFG	20	104	878	30.9	176	H	1	AWG 9-7+15-5	0.94-1.06	4/4	17.2	30.9	86.6	0.70
-								Rubber Cable [S1BN8-F]		3/4	13.0	26.8	85.9	0.61
										2/4	9.0	23.5	83.1	0.48
										1/4	5.0	21.1	74.0	0.30
228UFG	25	104	876	36.1	202	H	1	AWG 7-7+15-5	0.96-1.08	4/4	21.3	36.1	87.5	0.74
-								Rubber Cable [S1BN8-F]		3/4	16.0	30.0	87.2	0.67
										2/4	10.9	25.4	85.4	0.54
										1/4	6.0	22.1	77.9	0.34
228XFG	25	104	876	36.1	202	H	1	AWG 7-7+15-5	0.96-1.08	4/4	21.3	36.1	87.5	0.74
-								Rubber Cable [S1BN8-F]		3/4	16.0	30.0	87.2	0.67
										2/4	10.9	25.4	85.4	0.54
										1/4	6.0	22.1	77.9	0.34
308UFG	30	104	890	40.4	260	H	2 +1	AWG 9-4	0.56-0.60	4/4	24.8	40.4	90.3	0.77
-								AWG 15-8	0.56-0.60	3/4	18.6	33.0	90.0	0.71
								Rubber Cable [S1BN8-F]		2/4	12.7	27.4	88.4	0.58
										1/4	6.8	23.1	82.2	0.37
308XFG	30	104	890	40.4	260	H	2 +1	AWG 9-4	0.56-0.60	4/4	24.8	40.4	90.3	0.77
-								AWG 15-8	0.56-0.60	3/4	18.6	33.0	90.0	0.71
								Rubber Cable [S1BN8-F]		2/4	12.7	27.4	88.4	0.58
										1/4	6.8	23.1	82.2	0.37
378UFG	40	104	890	53.7	343	H	2 +1	AWG 7-4	0.72-0.77	4/4	33.0	53.7	90.5	0.77
-								AWG 15-8	0.56-0.60	3/4	24.9	44.6	90.0	0.70
								Rubber Cable [S1BN8-F]		2/4	16.9	36.6	88.1	0.58
										1/4	9.2	31.2	81.0	0.37
378XFG	40	104	890	53.7	343	H	2 +1	AWG 7-4	0.72-0.77	4/4	33.0	53.7	90.5	0.77
-								AWG 15-8	0.56-0.60	3/4	24.9	44.6	90.0	0.70
								Rubber Cable [S1BN8-F]		2/4	16.9	36.6	88.1	0.58
										1/4	9.2	31.2	81.0	0.37
458UFG	50	104	890	66.0	422	H	2 +1	AWG 7-4	0.72-0.77	4/4	41.0	66.0	90.9	0.78
-								AWG 15-8	0.56-0.60	3/4	30.8	53.7	90.7	0.72
								Rubber Cable [S1BN8-F]		2/4	20.8	44.3	89.5	0.59
										1/4	11.2	37.9	83.5	0.37

8-poles
460 V
60 Hz
3~
FG
Cooling jacket
Installation types D/H/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
458XFG	50	104	890	66.0	422	H	2	AWG 7-4	0.72-0.77	4/4	41.0	66.0	90.9	0.78
-							+1	AWG 15-8	0.56-0.60	3/4	30.8	53.7	90.7	0.72
								Rubber Cable		2/4	20.8	44.3	89.5	0.59
								[S1BN8-F]		1/4	11.2	37.9	83.5	0.37

2-poles
575 V
60 Hz
3~
FG
Cooling jacket
Installation type D/H/K

motor type efficiency class	motor rating P2 [hp]	max. temp. pumped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA I _s [A]	NEMA code letter	cable size power + control cable			motor data				
							Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
182UFG	20	104	3544	18.6	140	H	1	AWG 13-12	0.73-0.77	4/4	16.7	18.6	89.4	0.90
-								Rubber Cable [S1BN8-F]		3/4	12.5	14.5	89.2	0.87
										2/4	8.5	10.7	87.6	0.80
										1/4	4.6	7.6	81.0	0.61
182XFG	20	104	3544	18.6	140	H	1	AWG 13-12	0.73-0.77	4/4	16.7	18.6	89.4	0.90
-								Rubber Cable [S1BN8-F]		3/4	12.5	14.5	89.2	0.87
										2/4	8.5	10.7	87.6	0.80
										1/4	4.6	7.6	81.0	0.61
222UFG	25	104	3545	22.9	174	H	1	AWG 11-7+15-5	0.83-0.91	4/4	20.7	22.9	90.0	0.91
-								Rubber Cable [S1BN8-F]		3/4	15.6	17.4	89.8	0.90
										2/4	10.5	12.7	88.4	0.83
										1/4	5.7	8.6	82.3	0.66
222XFG	25	104	3545	22.9	174	H	1	AWG 11-7+15-5	0.83-0.91	4/4	20.7	22.9	90.0	0.91
-								Rubber Cable [S1BN8-F]		3/4	15.6	17.4	89.8	0.90
										2/4	10.5	12.7	88.4	0.83
										1/4	5.7	8.6	82.3	0.66
262UFG	30	104	3544	27.0	205	H	1	AWG 11-7+15-5	0.83-0.91	4/4	24.7	27.0	90.6	0.92
-								Rubber Cable [S1BN8-F]		3/4	18.6	20.5	90.4	0.91
										2/4	12.5	14.6	89.4	0.86
										1/4	6.7	9.5	84.1	0.70
262XFG	30	104	3544	27.0	205	H	1	AWG 11-7+15-5	0.83-0.91	4/4	24.7	27.0	90.6	0.92
-								Rubber Cable [S1BN8-F]		3/4	18.6	20.5	90.4	0.91
										2/4	12.5	14.6	89.4	0.86
										1/4	6.7	9.5	84.1	0.70
302UFG	40	104	3550	35.5	266	H	1	AWG 9-7+15-5	0.94-1.06	4/4	32.6	35.5	91.6	0.92
-								Rubber Cable [S1BN8-F]		3/4	24.5	27.3	91.4	0.90
										2/4	16.5	19.4	90.6	0.85
										1/4	8.7	12.9	85.6	0.68
302XFG	40	104	3550	35.5	266	H	1	AWG 9-7+15-5	0.94-1.06	4/4	32.6	35.5	91.6	0.92
-								Rubber Cable [S1BN8-F]		3/4	24.5	27.3	91.4	0.90
										2/4	16.5	19.4	90.6	0.85
										1/4	8.7	12.9	85.6	0.68
372UFG	48	104	3556	42.0	341	H	1	AWG 7-7+15-5	0.96-1.08	4/4	38.8	42.0	92.4	0.93
-								Rubber Cable [S1BN8-F]		3/4	29.0	31.7	92.5	0.92
										2/4	19.6	23.0	91.5	0.86
										1/4	10.4	15.8	86.2	0.66
372XFG	48	104	3556	42.0	341	H	1	AWG 7-7+15-5	0.96-1.08	4/4	38.8	42.0	92.4	0.93
-								Rubber Cable [S1BN8-F]		3/4	29.0	31.7	92.5	0.92
										2/4	19.6	23.0	91.5	0.86
										1/4	10.4	15.8	86.2	0.66

4-poles

575 V

60 Hz

3~

FG

Cooling jacket

Installation type D/H/K

motor type efficiency class	motor rating P2 [hp]	max. temp. pump- ed media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA I _s [A]		NEMA code letter	Qty.	cable size power + control cable type		Ø min - max [in]	motor data				
												load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
154UFG	15	104	1768	15.0	102	H		1	AWG 13-12		0.73-0.77	4/4	12.6	15.0	88.7	0.84
-									Rubber Cable [S1BN8-F]			3/4	9.5	11.9	88.4	0.80
												2/4	6.5	9.3	86.5	0.70
												1/4	3.5	7.1	79.2	0.50
154XFG	15	104	1768	15.0	102	H		1	AWG 13-12		0.73-0.77	4/4	12.6	15.0	88.7	0.84
-									Rubber Cable [S1BN8-F]			3/4	9.5	11.9	88.4	0.80
												2/4	6.5	9.3	86.5	0.70
												1/4	3.5	7.1	79.2	0.50
184UFG	20	104	1765	20.0	134	H		1	AWG 13-12		0.73-0.77	4/4	16.7	20.0	89.1	0.84
-									Rubber Cable [S1BN8-F]			3/4	12.6	16.0	88.9	0.79
												2/4	8.5	12.2	87.6	0.70
												1/4	4.6	9.6	81.2	0.48
184XFG	20	104	1765	20.0	134	H		1	AWG 13-12		0.73-0.77	4/4	16.7	20.0	89.1	0.84
-									Rubber Cable [S1BN8-F]			3/4	12.6	16.0	88.9	0.79
												2/4	8.5	12.2	87.6	0.70
												1/4	4.6	9.6	81.2	0.48
224UFG	25	104	1765	24.5	164	H		1	AWG 11-7+15-5		0.83-0.91	4/4	20.7	24.5	89.9	0.85
-									Rubber Cable [S1BN8-F]			3/4	15.6	19.4	89.7	0.81
												2/4	10.5	14.6	88.9	0.72
												1/4	5.6	11.0	83.2	0.51
224XFG	25	104	1765	24.5	164	H		1	AWG 11-7+15-5		0.83-0.91	4/4	20.7	24.5	89.9	0.85
-									Rubber Cable [S1BN8-F]			3/4	15.6	19.4	89.7	0.81
												2/4	10.5	14.6	88.9	0.72
												1/4	5.6	11.0	83.2	0.51
304UFG	30	104	1766	29.2	204	H		1	AWG 9-7+15-5		0.94-1.06	4/4	24.7	29.2	90.5	0.85
-									Rubber Cable [S1BN8-F]			3/4	18.6	23.0	90.3	0.81
												2/4	12.5	17.4	89.3	0.72
												1/4	6.7	13.1	83.8	0.51
304XFG	30	104	1766	29.2	204	H		1	AWG 9-7+15-5		0.94-1.06	4/4	24.7	29.2	90.5	0.85
-									Rubber Cable [S1BN8-F]			3/4	18.6	23.0	90.3	0.81
												2/4	12.5	17.4	89.3	0.72
												1/4	6.7	13.1	83.8	0.51
374UFG	40	104	1766	38.5	269	H		1	AWG 7-7+15-5		0.96-1.08	4/4	32.6	38.5	91.6	0.85
-									Rubber Cable [S1BN8-F]			3/4	24.5	30.4	91.3	0.81
												2/4	16.4	22.6	90.9	0.73
												1/4	8.6	17.0	86.3	0.51
374XFG	40	104	1766	38.5	269	H		1	AWG 7-7+15-5		0.96-1.08	4/4	32.6	38.5	91.6	0.85
-									Rubber Cable [S1BN8-F]			3/4	24.5	30.4	91.3	0.81
												2/4	16.4	22.6	90.9	0.73
												1/4	8.6	17.0	86.3	0.51
554UFG	52	104	1775	49.8	363	H		2 +1	AWG 9-4		0.56-0.60	4/4	42.6	49.8	91.0	0.86
-									AWG 15-8		0.56-0.60	3/4	32.0	38.7	90.8	0.83
									Rubber Cable [S1BN8-F]			2/4	21.7	29.0	89.5	0.75
												1/4	11.6	21.2	83.5	0.55

4-poles
575 V
60 Hz
3~
FG
Cooling jacket
Installation type D/H/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2		n _n	I _n	I _s	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
	[hp]	[°F]	[rpm]	[A]	[A]									
554XFG	52	104	1775	49.8	363	H	2	AWG 9-4	0.56-0.60	4/4	42.6	49.8	91.0	0.86
-							+1	AWG 15-8	0.56-0.60	3/4	32.0	38.7	90.8	0.83
								Rubber Cable		2/4	21.7	29.0	89.5	0.75
								[S1BN8-F]		1/4	11.6	21.2	83.5	0.55
654UFG	74	104	1775	69.8	516	H	2	AWG 7-4	0.72-0.77	4/4	59.7	69.8	92.4	0.86
-							+1	AWG 15-8	0.56-0.60	3/4	45.0	54.4	92.0	0.83
								Rubber Cable		2/4	30.2	40.9	91.5	0.74
								[S1BN8-F]		1/4	15.9	30.1	87.0	0.53
654XFG	74	104	1775	69.8	516	H	2	AWG 7-4	0.72-0.77	4/4	59.7	69.8	92.4	0.86
-							+1	AWG 15-8	0.56-0.60	3/4	45.0	54.4	92.0	0.83
								Rubber Cable		2/4	30.2	40.9	91.5	0.74
								[S1BN8-F]		1/4	15.9	30.1	87.0	0.53
754UFG	87	104	1780	80.8	582	H	2	AWG 5-4	0.89-0.94	4/4	70.0	80.8	92.7	0.87
-							+1	AWG 15-8	0.56-0.60	3/4	52.6	63.2	92.5	0.84
								Rubber Cable		2/4	35.5	47.2	91.5	0.75
								[S1BN8-F]		1/4	18.6	34.4	87.1	0.54
754XFG	87	104	1780	80.8	582	H	2	AWG 5-4	0.89-0.94	4/4	70.0	80.8	92.7	0.87
-							+1	AWG 15-8	0.56-0.60	3/4	52.6	63.2	92.5	0.84
								Rubber Cable		2/4	35.5	47.2	91.5	0.75
								[S1BN8-F]		1/4	18.6	34.4	87.1	0.54

6-poles

575 V

60 Hz

3~

FG

Cooling jacket

Installation type D/H/K

motor type efficiency class	motor rating P2 [hp]	max. temp. pum- ped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA I _s [A]		NEMA code letter	Qty.	cable size power + control cable type		Ø min - max [in]	motor data				
												load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
156UFG	15	104	1164	15.9	106	H		1	AWG 13-12		0.73-0.77	4/4	13.0	15.9	86.1	0.82
-									Rubber Cable			3/4	9.8	12.9	85.9	0.76
									[S1BN8-F]			2/4	6.6	10.4	84.3	0.64
												1/4	3.6	8.3	76.7	0.44
156XFG	15	104	1164	15.9	106	H		1	AWG 13-12		0.73-0.77	4/4	13.0	15.9	86.1	0.82
-									Rubber Cable			3/4	9.8	12.9	85.9	0.76
									[S1BN8-F]			2/4	6.6	10.4	84.3	0.64
												1/4	3.6	8.3	76.7	0.44
186UFG	20	104	1162	20.9	140	H		1	AWG 11-7+15-5		0.83-0.91	4/4	17.2	20.9	86.5	0.83
-									Rubber Cable			3/4	13.0	16.9	86.3	0.77
									[S1BN8-F]			2/4	8.7	13.3	85.3	0.66
												1/4	4.8	10.6	78.5	0.45
186XFG	20	104	1162	20.9	140	H		1	AWG 11-7+15-5		0.83-0.91	4/4	17.2	20.9	86.5	0.83
-									Rubber Cable			3/4	13.0	16.9	86.3	0.77
									[S1BN8-F]			2/4	8.7	13.3	85.3	0.66
												1/4	4.8	10.6	78.5	0.45
226UFG	25	104	1174	25.5	178	H		1	AWG 11-7+15-5		0.83-0.91	4/4	20.6	25.5	90.6	0.81
-									Rubber Cable			3/4	15.5	20.7	90.3	0.75
									[S1BN8-F]			2/4	10.4	16.3	89.7	0.64
												1/4	5.5	13.5	84.7	0.41
226XFG	25	104	1174	25.5	178	H		1	AWG 11-7+15-5		0.83-0.91	4/4	20.6	25.5	90.6	0.81
-									Rubber Cable			3/4	15.5	20.7	90.3	0.75
									[S1BN8-F]			2/4	10.4	16.3	89.7	0.64
												1/4	5.5	13.5	84.7	0.41
306UFG	30	104	1172	30.3	214	J		1	AWG 9-7+15-5		0.94-1.06	4/4	24.8	30.3	90.3	0.82
-									Rubber Cable			3/4	18.6	25.0	90.0	0.75
									[S1BN8-F]			2/4	12.6	19.8	89.0	0.64
												1/4	6.7	16.5	83.3	0.41
306XFG	30	104	1172	30.3	214	J		1	AWG 9-7+15-5		0.94-1.06	4/4	24.8	30.3	90.3	0.82
-									Rubber Cable			3/4	18.6	25.0	90.0	0.75
									[S1BN8-F]			2/4	12.6	19.8	89.0	0.64
												1/4	6.7	16.5	83.3	0.41
376UFG	40	104	1187	37.7	285	J		2	AWG 11-4		0.49-0.53	4/4	32.7	37.7	91.3	0.87
-								+1	AWG 15-8		0.56-0.60	3/4	24.6	30.1	91.0	0.82
									Rubber Cable			2/4	16.6	23.1	89.9	0.72
									[S1BN8-F]			1/4	8.8	17.8	84.3	0.50
376XFG	40	104	1187	37.7	285	J		2	AWG 11-4		0.49-0.53	4/4	32.7	37.7	91.3	0.87
-								+1	AWG 15-8		0.56-0.60	3/4	24.6	30.1	91.0	0.82
									Rubber Cable			2/4	16.6	23.1	89.9	0.72
									[S1BN8-F]			1/4	8.8	17.8	84.3	0.50
456UFG	50	104	1187	46.8	356	H		2	AWG 9-4		0.56-0.60	4/4	40.5	46.8	92.0	0.87
-								+1	AWG 15-8		0.56-0.60	3/4	30.4	36.8	91.9	0.83
									Rubber Cable			2/4	20.5	27.8	91.1	0.74
									[S1BN8-F]			1/4	10.8	20.9	86.3	0.52

6-poles
575 V
60 Hz
3~
FG
Cooling jacket
Installation type D/H/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2		n _n	I _n	I _s	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
	[hp]	[°F]	[rpm]	[A]	[A]									
456XFG	50	104	1187	46.8	356	H	2	AWG 9-4	0.56-0.60	4/4	40.5	46.8	92.0	0.87
-							+1	AWG 15-8	0.56-0.60	3/4	30.4	36.8	91.9	0.83
								Rubber Cable		2/4	20.5	27.8	91.1	0.74
								[S1BN8-F]		1/4	10.8	20.9	86.3	0.52
556UFG	60	104	1187	55.4	420	H	2	AWG 7-4	0.72-0.77	4/4	48.5	55.4	92.2	0.88
-							+1	AWG 15-8	0.56-0.60	3/4	36.5	43.7	91.9	0.84
								Rubber Cable		2/4	24.6	33.0	90.9	0.75
								[S1BN8-F]		1/4	12.9	24.0	86.8	0.54
556XFG	60	104	1187	55.4	420	H	2	AWG 7-4	0.72-0.77	4/4	48.5	55.4	92.2	0.88
-							+1	AWG 15-8	0.56-0.60	3/4	36.5	43.7	91.9	0.84
								Rubber Cable		2/4	24.6	33.0	90.9	0.75
								[S1BN8-F]		1/4	12.9	24.0	86.8	0.54

8-poles

575 V

60 Hz

3~

FG

Cooling jacket

Installation type D/H/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
158UFG	15	104	878	18.4	106	H	1	AWG 13-12	0.73-0.77	4/4	13.0	18.4	85.9	0.71
-								Rubber Cable [S1BN8-F]		3/4	9.9	15.7	85.1	0.63
										2/4	6.8	13.6	82.4	0.50
										1/4	3.8	12.4	72.9	0.31
158XFG	15	104	878	18.4	106	H	1	AWG 13-12	0.73-0.77	4/4	13.0	18.4	85.9	0.71
-								Rubber Cable [S1BN8-F]		3/4	9.9	15.7	85.1	0.63
										2/4	6.8	13.6	82.4	0.50
										1/4	3.8	12.4	72.9	0.31
188UFG	20	104	878	24.7	141	H	1	AWG 11-7+15-5	0.83-0.91	4/4	17.2	24.7	86.6	0.70
-								Rubber Cable [S1BN8-F]		3/4	13.0	21.4	85.9	0.61
										2/4	9.0	18.8	83.1	0.48
										1/4	5.0	16.9	74.0	0.30
188XFG	20	104	878	24.7	141	H	1	AWG 11-7+15-5	0.83-0.91	4/4	17.2	24.7	86.6	0.70
-								Rubber Cable [S1BN8-F]		3/4	13.0	21.4	85.9	0.61
										2/4	9.0	18.8	83.1	0.48
										1/4	5.0	16.9	74.0	0.30
228UFG	25	104	876	28.9	162	H	1	AWG 9-7+15-5	0.94-1.06	4/4	21.3	28.9	87.5	0.74
-								Rubber Cable [S1BN8-F]		3/4	16.0	24.0	87.2	0.67
										2/4	10.9	20.3	85.4	0.54
										1/4	6.0	17.7	77.9	0.34
228XFG	25	104	876	28.9	162	H	1	AWG 9-7+15-5	0.94-1.06	4/4	21.3	28.9	87.5	0.74
-								Rubber Cable [S1BN8-F]		3/4	16.0	24.0	87.2	0.67
										2/4	10.9	20.3	85.4	0.54
										1/4	6.0	17.7	77.9	0.34
308UFG	30	104	890	32.3	208	H	2	AWG 11-4	0.49-0.53	4/4	24.8	32.3	90.3	0.77
-							+1	AWG 15-8	0.56-0.60	3/4	18.6	26.4	90.0	0.71
								Rubber Cable [S1BN8-F]		2/4	12.7	21.9	88.4	0.58
										1/4	6.8	18.5	82.2	0.37
308XFG	30	104	890	32.3	208	H	2	AWG 11-4	0.49-0.53	4/4	24.8	32.3	90.3	0.77
-							+1	AWG 15-8	0.56-0.60	3/4	18.6	26.4	90.0	0.71
								Rubber Cable [S1BN8-F]		2/4	12.7	21.9	88.4	0.58
										1/4	6.8	18.5	82.2	0.37
378UFG	40	104	890	43.0	274	H	2	AWG 9-4	0.56-0.60	4/4	33.0	43.0	90.5	0.77
-							+1	AWG 15-8	0.56-0.60	3/4	24.9	35.7	90.0	0.70
								Rubber Cable [S1BN8-F]		2/4	16.9	29.3	88.1	0.58
										1/4	9.2	25.0	81.0	0.37
378XFG	40	104	890	43.0	274	H	2	AWG 9-4	0.56-0.60	4/4	33.0	43.0	90.5	0.77
-							+1	AWG 15-8	0.56-0.60	3/4	24.9	35.7	90.0	0.70
								Rubber Cable [S1BN8-F]		2/4	16.9	29.3	88.1	0.58
										1/4	9.2	25.0	81.0	0.37
458UFG	50	104	890	52.8	338	H	2	AWG 7-4	0.72-0.77	4/4	41.0	52.8	90.9	0.78
-							+1	AWG 15-8	0.56-0.60	3/4	30.8	43.0	90.7	0.72
								Rubber Cable [S1BN8-F]		2/4	20.8	35.4	89.5	0.59
										1/4	11.2	30.3	83.5	0.37

8-poles
575 V
60 Hz
3~
FG
Cooling jacket
Installation type D/H/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	∅ min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
458XFG	50	104	890	52.8	338	H	2	AWG 7-4	0.72-0.77	4/4	41.0	52.8	90.9	0.78
-							+1	AWG 15-8	0.56-0.60	3/4	30.8	43.0	90.7	0.72
								Rubber Cable		2/4	20.8	35.4	89.5	0.59
								[S1BN8-F]		1/4	11.2	30.3	83.5	0.37

2-poles

230 V

60 Hz

3~

FG

Cooling jacket - premium efficiency

Installation type D/H/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
182UFG	15	104	3551	33.6	262	H	2	AWG 13-12	0.73-0.77	4/4	12.3	33.6	91.0	0.92
IE3								Rubber Cable [S1BN8-F]		3/4	9.2	25.8	90.8	0.90
										2/4	6.2	17.8	89.6	0.88
										1/4	3.3	11.3	84.1	0.74
182XFG	15	104	3551	33.6	262	H	2	AWG 13-12	0.73-0.77	4/4	12.3	33.6	91.0	0.92
IE3								Rubber Cable [S1BN8-F]		3/4	9.2	25.8	90.8	0.90
										2/4	6.2	17.8	89.6	0.88
										1/4	3.3	11.3	84.1	0.74
222UFG	20	104	3552	44.8	346	H	2	AWG 11-7+15-5	0.83-0.91	4/4	16.4	44.8	91.0	0.92
IE3								Rubber Cable [S1BN8-F]		3/4	12.3	34.4	90.9	0.90
										2/4	8.3	24.4	89.4	0.86
										1/4	4.4	15.7	83.8	0.71
222XFG	20	104	3552	44.8	346	H	2	AWG 11-7+15-5	0.83-0.91	4/4	16.4	44.8	91.0	0.92
IE3								Rubber Cable [S1BN8-F]		3/4	12.3	34.4	90.9	0.90
										2/4	8.3	24.4	89.4	0.86
										1/4	4.4	15.7	83.8	0.71
262UFG	25	104	3555	54.8	444	H	2	AWG 11-7+15-5	0.83-0.91	4/4	20.3	54.8	91.7	0.93
IE3								Rubber Cable [S1BN8-F]		3/4	15.5	42.4	90.2	0.92
										2/4	10.8	30.8	86.3	0.88
										1/4	5.5	18.9	84.7	0.73
262XFG	25	104	3555	54.8	444	H	2	AWG 11-7+15-5	0.83-0.91	4/4	20.3	54.8	91.7	0.93
IE3								Rubber Cable [S1BN8-F]		3/4	15.5	42.4	90.2	0.92
										2/4	10.8	30.8	86.3	0.88
										1/4	5.5	18.9	84.7	0.73
302UFG	30	104	3561	65.8	534	H	2	AWG 9-7+15-5	0.94-1.06	4/4	24.4	65.8	91.7	0.93
IE3								Rubber Cable [S1BN8-F]		3/4	18.4	50.2	91.3	0.92
										2/4	12.4	35.8	90.0	0.87
										1/4	6.4	22.4	87.3	0.72
302XFG	30	104	3561	65.8	534	H	2	AWG 9-7+15-5	0.94-1.06	4/4	24.4	65.8	91.7	0.93
IE3								Rubber Cable [S1BN8-F]		3/4	18.4	50.2	91.3	0.92
										2/4	12.4	35.8	90.0	0.87
										1/4	6.4	22.4	87.3	0.72
372UFG	40	104	3553	86.2	700	H	2	AWG 7-7+15-5	0.96-1.08	4/4	32.3	86.2	92.4	0.94
IE3								Rubber Cable [S1BN8-F]		3/4	24.4	66.6	91.8	0.92
										2/4	16.5	46.6	90.4	0.89
										1/4	8.8	28.0	84.9	0.79
372XFG	40	104	3553	86.2	700	H	2	AWG 7-7+15-5	0.96-1.08	4/4	32.3	86.2	92.4	0.94
IE3								Rubber Cable [S1BN8-F]		3/4	24.4	66.6	91.8	0.92
										2/4	16.5	46.6	90.4	0.89
										1/4	8.8	28.0	84.9	0.79

4-poles

230 V

60 Hz

3~

FG

Cooling jacket - premium efficiency

Installation type D/H/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2		n _n	I _n	I _s	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
	[hp]	[°F]	[rpm]	[A]	[A]									
154UFG	10	104	1775	24.4	178	H	2	AWG 15-12	0.65-0.69	4/4	8.13	24.4	91.7	0.84
IE3								Rubber Cable [S1BN8-F]		3/4	6.15	19.1	90.9	0.81
										2/4	4.13	14.2	90.2	0.73
										1/4	2.19	10.6	85.0	0.52
154XFG	10	104	1775	24.4	178	H	2	AWG 15-12	0.65-0.69	4/4	8.13	24.4	91.7	0.84
IE3								Rubber Cable [S1BN8-F]		3/4	6.15	19.1	90.9	0.81
										2/4	4.13	14.2	90.2	0.73
										1/4	2.19	10.6	85.0	0.52
184UFG	15	104	1774	36.2	260	H	2	AWG 13-12	0.73-0.77	4/4	12.1	36.2	92.4	0.84
IE3								Rubber Cable [S1BN8-F]		3/4	9.1	28.6	91.8	0.80
										2/4	6.1	20.8	91.0	0.74
										1/4	3.2	15.4	87.4	0.52
184XFG	15	104	1774	36.2	260	H	2	AWG 13-12	0.73-0.77	4/4	12.1	36.2	92.4	0.84
IE3								Rubber Cable [S1BN8-F]		3/4	9.1	28.6	91.8	0.80
										2/4	6.1	20.8	91.0	0.74
										1/4	3.2	15.4	87.4	0.52
224UFG	20	104	1775	47.4	356	H	2	AWG 11-7+15-5	0.83-0.91	4/4	16.0	47.4	93.0	0.85
IE3								Rubber Cable [S1BN8-F]		3/4	12.1	38.0	92.2	0.80
										2/4	8.2	29.2	91.4	0.70
										1/4	4.3	22.2	87.7	0.48
224XFG	20	104	1775	47.4	356	H	2	AWG 11-7+15-5	0.83-0.91	4/4	16.0	47.4	93.0	0.85
IE3								Rubber Cable [S1BN8-F]		3/4	12.1	38.0	92.2	0.80
										2/4	8.2	29.2	91.4	0.70
										1/4	4.3	22.2	87.7	0.48
304UFG	25	104	1773	58.8	440	H	2	AWG 9-7+15-5	0.94-1.06	4/4	19.9	58.8	93.6	0.85
IE3								Rubber Cable [S1BN8-F]		3/4	15.2	46.0	92.0	0.83
										2/4	10.4	34.2	90.1	0.76
										1/4	5.3	24.8	87.7	0.54
304XFG	25	104	1773	58.8	440	H	2	AWG 9-7+15-5	0.94-1.06	4/4	19.9	58.8	93.6	0.85
IE3								Rubber Cable [S1BN8-F]		3/4	15.2	46.0	92.0	0.83
										2/4	10.4	34.2	90.1	0.76
										1/4	5.3	24.8	87.7	0.54
374UFG	30	104	1778	69.8	534	H	2	AWG 9-7+15-5	0.94-1.06	4/4	23.9	69.8	93.6	0.86
IE3								Rubber Cable [S1BN8-F]		3/4	18.1	54.8	92.5	0.83
										2/4	12.2	41.0	91.5	0.75
										1/4	6.4	29.4	87.0	0.55
374XFG	30	104	1778	69.8	534	H	2	AWG 9-7+15-5	0.94-1.06	4/4	23.9	69.8	93.6	0.86
IE3								Rubber Cable [S1BN8-F]		3/4	18.1	54.8	92.5	0.83
										2/4	12.2	41.0	91.5	0.75
										1/4	6.4	29.4	87.0	0.55

6-poles

230 V

60 Hz

3~

FG

Cooling jacket - premium efficiency

Installation type D/H/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
156UFG IE3	10	104	1172	24.8	176	H	2	AWG 15-12	0.65-0.69	4/4	8.20	24.8	91.0	0.83
								Rubber Cable		3/4	6.21	20.0	90.0	0.78
								[S1BN8-F]		2/4	4.23	15.8	88.2	0.67
										1/4	2.22	12.7	84.0	0.44
156XFG IE3	10	104	1172	24.8	176	H	2	AWG 15-12	0.65-0.69	4/4	8.20	24.8	91.0	0.83
								Rubber Cable		3/4	6.21	20.0	90.0	0.78
								[S1BN8-F]		2/4	4.23	15.8	88.2	0.67
										1/4	2.22	12.7	84.0	0.44
186UFG IE3	15	104	1171	37.0	266	H	2	AWG 13-12	0.73-0.77	4/4	12.2	37.0	91.7	0.83
								Rubber Cable		3/4	9.2	29.8	90.7	0.78
								[S1BN8-F]		2/4	6.3	23.4	89.4	0.67
										1/4	3.3	18.6	85.6	0.44
186XFG IE3	15	104	1171	37.0	266	H	2	AWG 13-12	0.73-0.77	4/4	12.2	37.0	91.7	0.83
								Rubber Cable		3/4	9.2	29.8	90.7	0.78
								[S1BN8-F]		2/4	6.3	23.4	89.4	0.67
										1/4	3.3	18.6	85.6	0.44
226UFG IE3	20	104	1175	49.8	356	H	2	AWG 11-7+15-5	0.83-0.91	4/4	16.3	49.8	91.7	0.82
								Rubber Cable		3/4	12.2	39.8	91.5	0.77
								[S1BN8-F]		2/4	8.3	31.4	90.1	0.66
										1/4	4.4	26.4	84.4	0.42
226XFG IE3	20	104	1175	49.8	356	H	2	AWG 11-7+15-5	0.83-0.91	4/4	16.3	49.8	91.7	0.82
								Rubber Cable		3/4	12.2	39.8	91.5	0.77
								[S1BN8-F]		2/4	8.3	31.4	90.1	0.66
										1/4	4.4	26.4	84.4	0.42

8-poles
230 V
60 Hz
3~
FG
Cooling jacket - premium efficiency
Installation type D/H/K

motor type	motor rating	max. temp. pum-ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
158UFG	10	104	882	28.6	178	H	2	AWG 15-12	0.65-0.69	4/4	8.33	28.6	89.5	0.73
IE3								Rubber Cable		3/4	6.30	24.4	88.8	0.65
								[S1BN8-F]		2/4	4.28	20.6	87.1	0.52
										1/4	2.33	18.3	80.1	0.32
158XFG	10	104	882	28.6	178	H	2	AWG 15-12	0.65-0.69	4/4	8.33	28.6	89.5	0.73
IE3								Rubber Cable		3/4	6.30	24.4	88.8	0.65
								[S1BN8-F]		2/4	4.28	20.6	87.1	0.52
										1/4	2.33	18.3	80.1	0.32
188UFG	15	104	881	42.8	256	H	2	AWG 11-7+15-5	0.83-0.91	4/4	12.5	42.8	89.8	0.73
IE3								Rubber Cable		3/4	9.3	35.6	89.9	0.66
								[S1BN8-F]		2/4	6.3	29.8	88.7	0.53
										1/4	3.4	25.6	82.9	0.33
188XFG	15	104	881	42.8	256	H	2	AWG 11-7+15-5	0.83-0.91	4/4	12.5	42.8	89.8	0.73
IE3								Rubber Cable		3/4	9.3	35.6	89.9	0.66
								[S1BN8-F]		2/4	6.3	29.8	88.7	0.53
										1/4	3.4	25.6	82.9	0.33
228UFG	20	104	881	57.6	352	H	2	AWG 9-7+15-5	0.94-1.06	4/4	16.5	57.6	90.3	0.72
IE3								Rubber Cable		3/4	12.4	47.8	90.5	0.65
								[S1BN8-F]		2/4	8.4	40.4	89.3	0.52
										1/4	4.5	36.0	83.7	0.31
228XFG	20	104	881	57.6	352	H	2	AWG 9-7+15-5	0.94-1.06	4/4	16.5	57.6	90.3	0.72
IE3								Rubber Cable		3/4	12.4	47.8	90.5	0.65
								[S1BN8-F]		2/4	8.4	40.4	89.3	0.52
										1/4	4.5	36.0	83.7	0.31

2-poles

380 V

60 Hz

3~

FG

Cooling Jacket - premium efficiency

Installation type D/H/K

motor type efficiency class	motor rating P2 [hp]	max. temp. pump- ed media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA		cable size power + control cable			motor data				
					I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
182UFG IE3	15	104	3551	20.3	159	H	1	AWG 11-7+15-5	0.83-0.91	4/4	12.3	20.3	91.0	0.92
								Rubber Cable		3/4	9.2	15.6	90.8	0.90
								[S1BN8-F]		2/4	6.2	10.8	89.6	0.88
										1/4	3.3	6.8	84.1	0.74
182XFG IE3	15	104	3551	20.3	159	H	1	AWG 11-7+15-5	0.83-0.91	4/4	12.3	20.3	91.0	0.92
								Rubber Cable		3/4	9.2	15.6	90.8	0.90
								[S1BN8-F]		2/4	6.2	10.8	89.6	0.88
										1/4	3.3	6.8	84.1	0.74
222UFG IE3	20	104	3552	27.1	209	H	1	AWG 11-7+15-5	0.83-0.91	4/4	16.4	27.1	91.0	0.92
								Rubber Cable		3/4	12.3	20.8	90.9	0.90
								[S1BN8-F]		2/4	8.3	14.8	89.4	0.86
										1/4	4.4	9.5	83.8	0.71
222XFG IE3	20	104	3552	27.1	209	H	1	AWG 11-7+15-5	0.83-0.91	4/4	16.4	27.1	91.0	0.92
								Rubber Cable		3/4	12.3	20.8	90.9	0.90
								[S1BN8-F]		2/4	8.3	14.8	89.4	0.86
										1/4	4.4	9.5	83.8	0.71
262UFG IE3	25	104	3555	33.2	269	H	1	AWG 9-7+15-5	0.94-1.06	4/4	20.3	33.2	91.7	0.93
								Rubber Cable		3/4	15.5	25.7	90.2	0.92
								[S1BN8-F]		2/4	10.8	18.6	86.3	0.88
										1/4	5.5	11.5	84.7	0.73
262XFG IE3	25	104	3555	33.2	269	H	1	AWG 9-7+15-5	0.94-1.06	4/4	20.3	33.2	91.7	0.93
								Rubber Cable		3/4	15.5	25.7	90.2	0.92
								[S1BN8-F]		2/4	10.8	18.6	86.3	0.88
										1/4	5.5	11.5	84.7	0.73
302UFG IE3	30	104	3561	39.8	323	H	1	AWG 7-7+15-5	0.96-1.08	4/4	24.4	39.8	91.7	0.93
								Rubber Cable		3/4	18.4	30.4	91.3	0.92
								[S1BN8-F]		2/4	12.4	21.7	90.0	0.87
										1/4	6.4	13.6	87.3	0.72
302XFG IE3	30	104	3561	39.8	323	H	1	AWG 7-7+15-5	0.96-1.08	4/4	24.4	39.8	91.7	0.93
								Rubber Cable		3/4	18.4	30.4	91.3	0.92
								[S1BN8-F]		2/4	12.4	21.7	90.0	0.87
										1/4	6.4	13.6	87.3	0.72
372UFG IE3	40	104	3553	52.2	424	H	1 +1	AWG 5-4	0.89-0.94 0.56-0.60	4/4	32.3	52.2	92.4	0.94
								AWG 15-8		3/4	24.4	40.3	91.8	0.92
								Rubber Cable		2/4	16.5	28.2	90.4	0.89
								[S1BN8-F]		1/4	8.8	16.9	84.9	0.79
372XFG IE3	40	104	3553	52.2	424	H	1 +1	AWG 5-4	0.89-0.94 0.56-0.60	4/4	32.3	52.2	92.4	0.94
								AWG 15-8		3/4	24.4	40.3	91.8	0.92
								Rubber Cable		2/4	16.5	28.2	90.4	0.89
								[S1BN8-F]		1/4	8.8	16.9	84.9	0.79
552UFG IE3	50	104	3574	66.2	510	H	2 +1	AWG 7-4	0.72-0.77 0.56-0.60	4/4	40.1	66.2	93.0	0.92
								AWG 15-8		3/4	30.5	51.4	91.8	0.90
								Rubber Cable		2/4	20.7	35.7	90.0	0.88
								[S1BN8-F]		1/4	11.2	23.0	83.4	0.74

2-poles
380 V
60 Hz
3~
FG
Cooling Jacket - premium efficiency
Installation type D/H/K

motor type efficiency class	motor rating P2 [hp]	max. temp. pum- ped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA		cable size power + control cable			motor data				
					I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
552XFG IE3	50	104	3574	66.2	510	H	2 +1	AWG 7-4	0.72-0.77	4/4	40.1	66.2	93.0	0.92
								AWG 15-8	0.56-0.60	3/4	30.5	51.4	91.8	0.90
								Rubber Cable		2/4	20.7	35.7	90.0	0.88
								[S1BN8-F]		1/4	11.2	23.0	83.4	0.74
652UFG IE3	60	104	3574	78.9	615	H	2 +1	AWG 5-4	0.89-0.94	4/4	47.8	78.9	93.6	0.92
								AWG 15-8	0.56-0.60	3/4	36.3	61.3	92.5	0.90
								Rubber Cable		2/4	24.7	43.6	90.7	0.86
								[S1BN8-F]		1/4	13.2	29.4	85.0	0.68
652XFG IE3	60	104	3574	78.9	615	H	2 +1	AWG 5-4	0.89-0.94	4/4	47.8	78.9	93.6	0.92
								AWG 15-8	0.56-0.60	3/4	36.3	61.3	92.5	0.90
								Rubber Cable		2/4	24.7	43.6	90.7	0.86
								[S1BN8-F]		1/4	13.2	29.4	85.0	0.68
752UFG IE3	74	104	3572	96.4	732	H	2 +1	AWG 5-4	0.89-0.94	4/4	59.0	96.4	93.6	0.93
								AWG 15-8	0.56-0.60	3/4	44.5	74.3	93.0	0.91
								Rubber Cable		2/4	30.0	52.4	92.0	0.87
								[S1BN8-F]		1/4	15.8	33.9	87.2	0.71
752XFG IE3	74	104	3572	96.4	732	H	2 +1	AWG 5-4	0.89-0.94	4/4	59.0	96.4	93.6	0.93
								AWG 15-8	0.56-0.60	3/4	44.5	74.3	93.0	0.91
								Rubber Cable		2/4	30.0	52.4	92.0	0.87
								[S1BN8-F]		1/4	15.8	33.9	87.2	0.71

4-poles

380 V

60 Hz

3~

FG

Cooling Jacket - premium efficiency

Installation type D/H/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
154UFG IE3	10	104	1775	14.8	108	J	1	AWG 15-12	0.65-0.69	4/4	8.13	14.8	91.7	0.84
								Rubber Cable		3/4	6.15	11.5	90.9	0.81
								[S1BN8-F]		2/4	4.13	8.6	90.2	0.73
										1/4	2.19	6.4	85.0	0.52
154XFG IE3	10	104	1775	14.8	108	J	1	AWG 15-12	0.65-0.69	4/4	8.13	14.8	91.7	0.84
								Rubber Cable		3/4	6.15	11.5	90.9	0.81
								[S1BN8-F]		2/4	4.13	8.6	90.2	0.73
										1/4	2.19	6.4	85.0	0.52
184UFG IE3	15	104	1774	21.9	157	H	1	AWG 11-7+15-5	0.83-0.91	4/4	12.1	21.9	92.4	0.84
								Rubber Cable		3/4	9.1	17.3	91.8	0.80
								[S1BN8-F]		2/4	6.1	12.6	91.0	0.74
										1/4	3.2	9.4	87.4	0.52
184XFG IE3	15	104	1774	21.9	157	H	1	AWG 11-7+15-5	0.83-0.91	4/4	12.1	21.9	92.4	0.84
								Rubber Cable		3/4	9.1	17.3	91.8	0.80
								[S1BN8-F]		2/4	6.1	12.6	91.0	0.74
										1/4	3.2	9.4	87.4	0.52
224UFG IE3	20	104	1775	28.7	215	H	1	AWG 9-7+15-5	0.94-1.06	4/4	16.0	28.7	93.0	0.85
								Rubber Cable		3/4	12.1	23.0	92.2	0.80
								[S1BN8-F]		2/4	8.2	17.7	91.4	0.70
										1/4	4.3	13.4	87.7	0.48
224XFG IE3	20	104	1775	28.7	215	H	1	AWG 9-7+15-5	0.94-1.06	4/4	16.0	28.7	93.0	0.85
								Rubber Cable		3/4	12.1	23.0	92.2	0.80
								[S1BN8-F]		2/4	8.2	17.7	91.4	0.70
										1/4	4.3	13.4	87.7	0.48
304UFG IE3	25	104	1773	35.6	266	H	1	AWG 9-7+15-5	0.94-1.06	4/4	19.9	35.6	93.6	0.85
								Rubber Cable		3/4	15.2	27.8	92.0	0.83
								[S1BN8-F]		2/4	10.4	20.7	90.1	0.76
										1/4	5.3	15.0	87.7	0.54
304XFG IE3	25	104	1773	35.6	266	H	1	AWG 9-7+15-5	0.94-1.06	4/4	19.9	35.6	93.6	0.85
								Rubber Cable		3/4	15.2	27.8	92.0	0.83
								[S1BN8-F]		2/4	10.4	20.7	90.1	0.76
										1/4	5.3	15.0	87.7	0.54
374UFG IE3	30	104	1778	42.2	323	H	1	AWG 7-7+15-5	0.96-1.08	4/4	23.9	42.2	93.6	0.86
								Rubber Cable		3/4	18.1	33.2	92.5	0.83
								[S1BN8-F]		2/4	12.2	24.8	91.5	0.75
										1/4	6.4	17.8	87.0	0.55
374XFG IE3	30	104	1778	42.2	323	H	1	AWG 7-7+15-5	0.96-1.08	4/4	23.9	42.2	93.6	0.86
								Rubber Cable		3/4	18.1	33.2	92.5	0.83
								[S1BN8-F]		2/4	12.2	24.8	91.5	0.75
										1/4	6.4	17.8	87.0	0.55
554UFG IE3	40	104	1779	54.1	412	H	2 +1	AWG 7-4	0.72-0.77 0.56-0.60	4/4	31.7	54.1	94.1	0.89
								AWG 15-8		3/4	24.1	42.0	93.0	0.87
								Rubber Cable		2/4	16.1	29.9	92.4	0.82
								[S1BN8-F]		1/4	8.4	20.0	88.4	0.64

4-poles
380 V
60 Hz
3~
FG
Cooling Jacket - premium efficiency
Installation type D/H/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2		n _n	I _n	I _s	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
	[hp]	[°F]	[rpm]	[A]	[A]									
554XFG	40	104	1779	54.1	412	H	2	AWG 7-4	0.72-0.77	4/4	31.7	54.1	94.1	0.89
IE3							+1	AWG 15-8	0.56-0.60	3/4	24.1	42.0	93.0	0.87
								Rubber Cable		2/4	16.1	29.9	92.4	0.82
								[S1BN8-F]		1/4	8.4	20.0	88.4	0.64
654UFG	50	104	1779	67.4	514	H	2	AWG 7-4	0.72-0.77	4/4	39.5	67.4	94.5	0.89
IE3							+1	AWG 15-8	0.56-0.60	3/4	29.8	52.2	93.7	0.87
								Rubber Cable		2/4	20.1	37.2	93.0	0.82
								[S1BN8-F]		1/4	10.4	24.7	89.8	0.64
654XFG	50	104	1779	67.4	514	H	2	AWG 7-4	0.72-0.77	4/4	39.5	67.4	94.5	0.89
IE3							+1	AWG 15-8	0.56-0.60	3/4	29.8	52.2	93.7	0.87
								Rubber Cable		2/4	20.1	37.2	93.0	0.82
								[S1BN8-F]		1/4	10.4	24.7	89.8	0.64
754UFG	60	104	1778	80.4	605	H	2	AWG 5-4	0.89-0.94	4/4	47.1	80.4	95.0	0.89
IE3							+1	AWG 15-8	0.56-0.60	3/4	35.6	62.2	94.2	0.87
								Rubber Cable		2/4	23.9	43.8	93.5	0.83
								[S1BN8-F]		1/4	12.4	28.9	90.5	0.65
754XFG	60	104	1778	80.4	605	H	2	AWG 5-4	0.89-0.94	4/4	47.1	80.4	95.0	0.89
IE3							+1	AWG 15-8	0.56-0.60	3/4	35.6	62.2	94.2	0.87
								Rubber Cable		2/4	23.9	43.8	93.5	0.83
								[S1BN8-F]		1/4	12.4	28.9	90.5	0.65

6-poles

380 V

60 Hz

3~

FG

Cooling Jacket - premium efficiency

Installation type D/H/K

motor type efficiency class	motor rating P2 [hp]	max. temp. pum- ped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA		Qty.	cable size power + control cable		motor data				
					I _s [A]	NEMA code letter		type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
156UFG IE3	10	104	1172	15.0	107	H	1	AWG 15-12	0.65-0.69	4/4	8.20	15.0	91.0	0.83
								Rubber Cable		3/4	6.21	12.1	90.0	0.78
								[S1BN8-F]		2/4	4.23	9.6	88.2	0.67
										1/4	2.22	7.7	84.0	0.44
156XFG IE3	10	104	1172	15.0	107	H	1	AWG 15-12	0.65-0.69	4/4	8.20	15.0	91.0	0.83
								Rubber Cable		3/4	6.21	12.1	90.0	0.78
								[S1BN8-F]		2/4	4.23	9.6	88.2	0.67
										1/4	2.22	7.7	84.0	0.44
186UFG IE3	15	104	1171	22.4	161	H	1	AWG 11-7+15-5	0.83-0.91	4/4	12.2	22.4	91.7	0.83
								Rubber Cable		3/4	9.2	18.0	90.7	0.78
								[S1BN8-F]		2/4	6.3	14.2	89.4	0.67
										1/4	3.3	11.3	85.6	0.44
186XFG IE3	15	104	1171	22.4	161	H	1	AWG 11-7+15-5	0.83-0.91	4/4	12.2	22.4	91.7	0.83
								Rubber Cable		3/4	9.2	18.0	90.7	0.78
								[S1BN8-F]		2/4	6.3	14.2	89.4	0.67
										1/4	3.3	11.3	85.6	0.44
226UFG IE3	20	104	1175	30.1	215	H	1	AWG 9-7+15-5	0.94-1.06	4/4	16.3	30.1	91.7	0.82
								Rubber Cable		3/4	12.2	24.1	91.5	0.77
								[S1BN8-F]		2/4	8.3	19.0	90.1	0.66
										1/4	4.4	16.0	84.4	0.42
226XFG IE3	20	104	1175	30.1	215	H	1	AWG 9-7+15-5	0.94-1.06	4/4	16.3	30.1	91.7	0.82
								Rubber Cable		3/4	12.2	24.1	91.5	0.77
								[S1BN8-F]		2/4	8.3	19.0	90.1	0.66
										1/4	4.4	16.0	84.4	0.42
316UFG IE3	25	104	1190	34.3	269	H	2 +1	AWG 11-4	0.49-0.53 0.56-0.60	4/4	20.1	34.3	93.0	0.89
								AWG 15-8		3/4	15.2	27.1	92.3	0.85
								Rubber Cable		2/4	10.2	20.1	91.4	0.77
								[S1BN8-F]		1/4	5.4	14.5	86.8	0.56
316XFG IE3	25	104	1190	34.3	269	H	2 +1	AWG 11-4	0.49-0.53 0.56-0.60	4/4	20.1	34.3	93.0	0.89
								AWG 15-8		3/4	15.2	27.1	92.3	0.85
								Rubber Cable		2/4	10.2	20.1	91.4	0.77
								[S1BN8-F]		1/4	5.4	14.5	86.8	0.56
376UFG IE3	30	104	1189	40.8	321	H	2 +1	AWG 9-4	0.56-0.60 0.56-0.60	4/4	23.9	40.8	93.6	0.89
								AWG 15-8		3/4	18.1	32.4	92.6	0.85
								Rubber Cable		2/4	12.2	24.0	91.9	0.77
								[S1BN8-F]		1/4	6.4	17.6	87.8	0.55
376XFG IE3	30	104	1189	40.8	321	H	2 +1	AWG 9-4	0.56-0.60 0.56-0.60	4/4	23.9	40.8	93.6	0.89
								AWG 15-8		3/4	18.1	32.4	92.6	0.85
								Rubber Cable		2/4	12.2	24.0	91.9	0.77
								[S1BN8-F]		1/4	6.4	17.6	87.8	0.55
456UFG IE3	40	104	1189	54.1	427	H	2 +1	AWG 7-4	0.72-0.77 0.56-0.60	4/4	31.7	54.1	94.1	0.89
								AWG 15-8		3/4	24.0	42.9	93.3	0.85
								Rubber Cable		2/4	16.1	31.7	92.8	0.77
								[S1BN8-F]		1/4	8.4	22.6	89.2	0.56

6-poles
380 V
60 Hz
3~
FG
Cooling Jacket - premium efficiency
Installation type D/H/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2		n _n	I _n	I _s	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
	[hp]	[°F]	[rpm]	[A]	[A]									
456XFG	40	104	1189	54.1	427	H	2	AWG 7-4	0.72-0.77	4/4	31.7	54.1	94.1	0.89
IE3							+1	AWG 15-8	0.56-0.60	3/4	24.0	42.9	93.3	0.85
								Rubber Cable		2/4	16.1	31.7	92.8	0.77
								[S1BN8-F]		1/4	8.4	22.6	89.2	0.56
556UFG	50	104	1189	67.7	535	H	2	AWG 7-4	0.72-0.77	4/4	39.6	67.7	94.1	0.89
IE3							+1	AWG 15-8	0.56-0.60	3/4	29.9	52.9	93.5	0.86
								Rubber Cable		2/4	20.1	39.1	92.9	0.78
								[S1BN8-F]		1/4	10.4	27.7	89.8	0.57
556XFG	50	104	1189	67.7	535	H	2	AWG 7-4	0.72-0.77	4/4	39.6	67.7	94.1	0.89
IE3							+1	AWG 15-8	0.56-0.60	3/4	29.9	52.9	93.5	0.86
								Rubber Cable		2/4	20.1	39.1	92.9	0.78
								[S1BN8-F]		1/4	10.4	27.7	89.8	0.57

8-poles

380 V

60 Hz

3~

FG

Cooling Jacket - premium efficiency

Installation type D/H/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
158UFG IE3	10	104	882	17.3	108	J	1	AWG 13-12	0.73-0.77	4/4	8.33	17.3	89.5	0.73
								Rubber Cable		3/4	6.30	14.8	88.8	0.65
								[S1BN8-F]		2/4	4.28	12.5	87.1	0.52
										1/4	2.33	11.1	80.1	0.32
158XFG IE3	10	104	882	17.3	108	J	1	AWG 13-12	0.73-0.77	4/4	8.33	17.3	89.5	0.73
								Rubber Cable		3/4	6.30	14.8	88.8	0.65
								[S1BN8-F]		2/4	4.28	12.5	87.1	0.52
										1/4	2.33	11.1	80.1	0.32
188UFG IE3	15	104	881	25.9	155	H	1	AWG 11-7+15-5	0.83-0.91	4/4	12.5	25.9	89.8	0.73
								Rubber Cable		3/4	9.3	21.5	89.9	0.66
								[S1BN8-F]		2/4	6.3	18.0	88.7	0.53
										1/4	3.4	15.5	82.9	0.33
188XFG IE3	15	104	881	25.9	155	H	1	AWG 11-7+15-5	0.83-0.91	4/4	12.5	25.9	89.8	0.73
								Rubber Cable		3/4	9.3	21.5	89.9	0.66
								[S1BN8-F]		2/4	6.3	18.0	88.7	0.53
										1/4	3.4	15.5	82.9	0.33
228UFG IE3	20	104	881	34.9	213	H	1	AWG 9-7+15-5	0.94-1.06	4/4	16.5	34.9	90.3	0.72
								Rubber Cable		3/4	12.4	28.9	90.5	0.65
								[S1BN8-F]		2/4	8.4	24.5	89.3	0.52
										1/4	4.5	21.8	83.7	0.31
228XFG IE3	20	104	881	34.9	213	H	1	AWG 9-7+15-5	0.94-1.06	4/4	16.5	34.9	90.3	0.72
								Rubber Cable		3/4	12.4	28.9	90.5	0.65
								[S1BN8-F]		2/4	8.4	24.5	89.3	0.52
										1/4	4.5	21.8	83.7	0.31
308UFG IE3	25	104	890	39.0	257	H	2 +1	AWG 11-4	0.49-0.53 0.56-0.60	4/4	20.5	39.0	91.0	0.80
								AWG 15-8		3/4	15.5	31.7	90.4	0.74
								Rubber Cable		2/4	10.5	25.7	89.0	0.62
								[S1BN8-F]		1/4	5.6	21.3	82.9	0.40
308XFG IE3	25	104	890	39.0	257	H	2 +1	AWG 11-4	0.49-0.53 0.56-0.60	4/4	20.5	39.0	91.0	0.80
								AWG 15-8		3/4	15.5	31.7	90.4	0.74
								Rubber Cable		2/4	10.5	25.7	89.0	0.62
								[S1BN8-F]		1/4	5.6	21.3	82.9	0.40
378UFG IE3	30	104	890	45.8	293	H	2 +1	AWG 9-4	0.56-0.60 0.56-0.60	4/4	24.4	45.8	91.7	0.81
								AWG 15-8		3/4	18.4	36.9	91.0	0.76
								Rubber Cable		2/4	12.4	29.1	89.9	0.65
								[S1BN8-F]		1/4	6.6	23.4	84.6	0.43
378XFG IE3	30	104	890	45.8	293	H	2 +1	AWG 9-4	0.56-0.60 0.56-0.60	4/4	24.4	45.8	91.7	0.81
								AWG 15-8		3/4	18.4	36.9	91.0	0.76
								Rubber Cable		2/4	12.4	29.1	89.9	0.65
								[S1BN8-F]		1/4	6.6	23.4	84.6	0.43
458UFG IE3	40	104	890	61.0	391	H	2 +1	AWG 7-4	0.72-0.77 0.56-0.60	4/4	32.5	61.0	91.7	0.81
								AWG 15-8		3/4	24.6	49.1	91.1	0.76
								Rubber Cable		2/4	16.6	38.9	89.8	0.65
								[S1BN8-F]		1/4	8.8	31.2	84.4	0.43

8-poles
380 V
60 Hz
3~
FG
Cooling Jacket - premium efficiency
Installation type D/H/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
458XFG	40	104	890	61.0	391	H	2	AWG 7-4	0.72-0.77	4/4	32.5	61.0	91.7	0.81
IE3							+1	AWG 15-8	0.56-0.60	3/4	24.6	49.1	91.1	0.76
								Rubber Cable		2/4	16.6	38.9	89.8	0.65
								[S1BN8-F]		1/4	8.8	31.2	84.4	0.43

2-poles

400 V

60 Hz

3~

FG

Cooling jacket - premium efficiency

Installation type D/H/K

motor type efficiency class	motor rating P2 [hp]	max. temp. pum- ped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA		Qty.	cable size power + control cable		motor data				
					I _s [A]	NEMA code letter		type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
182UFG IE3	15	104	3551	19.3	151	H	1	AWG 13-12	0.73-0.77	4/4	12.3	19.3	91.0	0.92
								Rubber Cable		3/4	9.2	14.8	90.8	0.90
								[S1BN8-F]		2/4	6.2	10.2	89.6	0.88
										1/4	3.3	6.5	84.1	0.74
182XFG IE3	15	104	3551	19.3	151	H	1	AWG 13-12	0.73-0.77	4/4	12.3	19.3	91.0	0.92
								Rubber Cable		3/4	9.2	14.8	90.8	0.90
								[S1BN8-F]		2/4	6.2	10.2	89.6	0.88
										1/4	3.3	6.5	84.1	0.74
222UFG IE3	20	104	3552	25.8	199	H	1	AWG 11-7+15-5	0.83-0.91	4/4	16.4	25.8	91.0	0.92
								Rubber Cable		3/4	12.3	19.8	90.9	0.90
								[S1BN8-F]		2/4	8.3	14.0	89.4	0.86
										1/4	4.4	9.0	83.8	0.71
222XFG IE3	20	104	3552	25.8	199	H	1	AWG 11-7+15-5	0.83-0.91	4/4	16.4	25.8	91.0	0.92
								Rubber Cable		3/4	12.3	19.8	90.9	0.90
								[S1BN8-F]		2/4	8.3	14.0	89.4	0.86
										1/4	4.4	9.0	83.8	0.71
262UFG IE3	25	104	3555	31.5	255	H	1	AWG 9-7+15-5	0.94-1.06	4/4	20.3	31.5	91.7	0.93
								Rubber Cable		3/4	15.5	24.4	90.2	0.92
								[S1BN8-F]		2/4	10.8	17.7	86.3	0.88
										1/4	5.5	10.9	84.7	0.73
262XFG IE3	25	104	3555	31.5	255	H	1	AWG 9-7+15-5	0.94-1.06	4/4	20.3	31.5	91.7	0.93
								Rubber Cable		3/4	15.5	24.4	90.2	0.92
								[S1BN8-F]		2/4	10.8	17.7	86.3	0.88
										1/4	5.5	10.9	84.7	0.73
302UFG IE3	30	104	3561	37.8	307	H	1	AWG 7-7+15-5	0.96-1.08	4/4	24.4	37.8	91.7	0.93
								Rubber Cable		3/4	18.4	28.9	91.3	0.92
								[S1BN8-F]		2/4	12.4	20.6	90.0	0.87
										1/4	6.4	12.9	87.3	0.72
302XFG IE3	30	104	3561	37.8	307	H	1	AWG 7-7+15-5	0.96-1.08	4/4	24.4	37.8	91.7	0.93
								Rubber Cable		3/4	18.4	28.9	91.3	0.92
								[S1BN8-F]		2/4	12.4	20.6	90.0	0.87
										1/4	6.4	12.9	87.3	0.72
372UFG IE3	40	104	3553	49.6	402	H	1	AWG 7-7+15-5	0.96-1.08	4/4	32.3	49.6	92.4	0.94
								Rubber Cable		3/4	24.4	38.3	91.8	0.92
								[S1BN8-F]		2/4	16.5	26.8	90.4	0.89
										1/4	8.8	16.1	84.9	0.79
372XFG IE3	40	104	3553	49.6	402	H	1	AWG 7-7+15-5	0.96-1.08	4/4	32.3	49.6	92.4	0.94
								Rubber Cable		3/4	24.4	38.3	91.8	0.92
								[S1BN8-F]		2/4	16.5	26.8	90.4	0.89
										1/4	8.8	16.1	84.9	0.79
552UFG IE3	50	104	3574	62.9	484	H	2 +1	AWG 7-4	0.72-0.77 0.56-0.60	4/4	40.1	62.9	93.0	0.92
								AWG 15-8		3/4	30.5	48.9	91.8	0.90
								Rubber Cable		2/4	20.7	33.9	90.0	0.88
								[S1BN8-F]		1/4	11.2	21.9	83.4	0.74

2-poles
400 V
60 Hz
3~
FG
Cooling jacket - premium efficiency
Installation type D/H/K

motor type efficiency class	motor rating P2 [hp]	max. temp. pum- ped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA I _s [A]		cable size power + control cable			motor data				
							Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
552XFG IE3	50	104	3574	62.9	484	H	2	AWG 7-4	0.72-0.77	4/4	40.1	62.9	93.0	0.92
							+1	AWG 15-8	0.56-0.60	3/4	30.5	48.9	91.8	0.90
								Rubber Cable		2/4	20.7	33.9	90.0	0.88
								[S1BN8-F]		1/4	11.2	21.9	83.4	0.74
652UFG IE3	60	104	3574	75.0	584	H	2	AWG 5-4	0.89-0.94	4/4	47.8	75.0	93.6	0.92
							+1	AWG 15-8	0.56-0.60	3/4	36.3	58.2	92.5	0.90
								Rubber Cable		2/4	24.7	41.4	90.7	0.86
								[S1BN8-F]		1/4	13.2	27.9	85.0	0.68
652XFG IE3	60	104	3574	75.0	584	H	2	AWG 5-4	0.89-0.94	4/4	47.8	75.0	93.6	0.92
							+1	AWG 15-8	0.56-0.60	3/4	36.3	58.2	92.5	0.90
								Rubber Cable		2/4	24.7	41.4	90.7	0.86
								[S1BN8-F]		1/4	13.2	27.9	85.0	0.68
752UFG IE3	74	104	3572	91.5	696	H	2	AWG 5-4	0.89-0.94	4/4	59.0	91.5	93.6	0.93
							+1	AWG 15-8	0.56-0.60	3/4	44.5	70.6	93.0	0.91
								Rubber Cable		2/4	30.0	49.8	92.0	0.87
								[S1BN8-F]		1/4	15.8	32.2	87.2	0.71
752XFG IE3	74	104	3572	91.5	696	H	2	AWG 5-4	0.89-0.94	4/4	59.0	91.5	93.6	0.93
							+1	AWG 15-8	0.56-0.60	3/4	44.5	70.6	93.0	0.91
								Rubber Cable		2/4	30.0	49.8	92.0	0.87
								[S1BN8-F]		1/4	15.8	32.2	87.2	0.71

4-poles

400 V

60 Hz

3~

FG

Cooling jacket - premium efficiency

Installation type D/H/K

motor type efficiency class	motor rating P2 [hp]	max. temp. pum- ped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA		Qty.	cable size power + control cable		motor data				
					I _s [A]	NEMA code letter		type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
154UFG IE3	10	104	1775	14.0	102	H	1	AWG 15-12	0.65-0.69	4/4	8.13	14.0	91.7	0.84
								Rubber Cable		3/4	6.15	11.0	90.9	0.81
								[S1BN8-F]		2/4	4.13	8.2	90.2	0.73
										1/4	2.19	6.1	85.0	0.52
154XFG IE3	10	104	1775	14.0	102	H	1	AWG 15-12	0.65-0.69	4/4	8.13	14.0	91.7	0.84
								Rubber Cable		3/4	6.15	11.0	90.9	0.81
								[S1BN8-F]		2/4	4.13	8.2	90.2	0.73
										1/4	2.19	6.1	85.0	0.52
184UFG IE3	15	104	1774	20.8	149	H	1	AWG 11-7+15-5	0.83-0.91	4/4	12.1	20.8	92.4	0.84
								Rubber Cable		3/4	9.1	16.4	91.8	0.80
								[S1BN8-F]		2/4	6.1	12.0	91.0	0.74
										1/4	3.2	8.9	87.4	0.52
184XFG IE3	15	104	1774	20.8	149	H	1	AWG 11-7+15-5	0.83-0.91	4/4	12.1	20.8	92.4	0.84
								Rubber Cable		3/4	9.1	16.4	91.8	0.80
								[S1BN8-F]		2/4	6.1	12.0	91.0	0.74
										1/4	3.2	8.9	87.4	0.52
224UFG IE3	20	104	1775	27.3	205	J	1	AWG 11-7+15-5	0.83-0.91	4/4	16.0	27.3	93.0	0.85
								Rubber Cable		3/4	12.1	21.9	92.2	0.80
								[S1BN8-F]		2/4	8.2	16.8	91.4	0.70
										1/4	4.3	12.8	87.7	0.48
224XFG IE3	20	104	1775	27.3	205	J	1	AWG 11-7+15-5	0.83-0.91	4/4	16.0	27.3	93.0	0.85
								Rubber Cable		3/4	12.1	21.9	92.2	0.80
								[S1BN8-F]		2/4	8.2	16.8	91.4	0.70
										1/4	4.3	12.8	87.7	0.48
304UFG IE3	25	104	1773	33.8	253	H	1	AWG 9-7+15-5	0.94-1.06	4/4	19.9	33.8	93.6	0.85
								Rubber Cable		3/4	15.2	26.5	92.0	0.83
								[S1BN8-F]		2/4	10.4	19.7	90.1	0.76
										1/4	5.3	14.3	87.7	0.54
304XFG IE3	25	104	1773	33.8	253	H	1	AWG 9-7+15-5	0.94-1.06	4/4	19.9	33.8	93.6	0.85
								Rubber Cable		3/4	15.2	26.5	92.0	0.83
								[S1BN8-F]		2/4	10.4	19.7	90.1	0.76
										1/4	5.3	14.3	87.7	0.54
374UFG IE3	30	104	1778	40.1	307	H	1	AWG 7-7+15-5	0.96-1.08	4/4	23.9	40.1	93.6	0.86
								Rubber Cable		3/4	18.1	31.5	92.5	0.83
								[S1BN8-F]		2/4	12.2	23.6	91.5	0.75
										1/4	6.4	16.9	87.0	0.55
374XFG IE3	30	104	1778	40.1	307	H	1	AWG 7-7+15-5	0.96-1.08	4/4	23.9	40.1	93.6	0.86
								Rubber Cable		3/4	18.1	31.5	92.5	0.83
								[S1BN8-F]		2/4	12.2	23.6	91.5	0.75
										1/4	6.4	16.9	87.0	0.55
554UFG IE3	40	104	1779	51.4	391	H	2 +1	AWG 7-4	0.72-0.77 0.56-0.60	4/4	31.7	51.4	94.1	0.89
								AWG 15-8		3/4	24.1	39.9	93.0	0.87
								Rubber Cable		2/4	16.1	28.4	92.4	0.82
								[S1BN8-F]		1/4	8.4	19.0	88.4	0.64

4-poles
400 V
60 Hz
3~
FG
Cooling jacket - premium efficiency
Installation type D/H/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
554XFG IE3	40	104	1779	51.4	391	H	2	AWG 7-4	0.72-0.77	4/4	31.7	51.4	94.1	0.89
							+1	AWG 15-8	0.56-0.60	3/4	24.1	39.9	93.0	0.87
								Rubber Cable		2/4	16.1	28.4	92.4	0.82
								[S1BN8-F]		1/4	8.4	19.0	88.4	0.64
654UFG IE3	50	104	1779	64.1	489	H	2	AWG 7-4	0.72-0.77	4/4	39.5	64.1	94.5	0.89
							+1	AWG 15-8	0.56-0.60	3/4	29.8	49.6	93.7	0.87
								Rubber Cable		2/4	20.1	35.3	93.0	0.82
								[S1BN8-F]		1/4	10.4	23.5	89.8	0.64
654XFG IE3	50	104	1779	64.1	489	H	2	AWG 7-4	0.72-0.77	4/4	39.5	64.1	94.5	0.89
							+1	AWG 15-8	0.56-0.60	3/4	29.8	49.6	93.7	0.87
								Rubber Cable		2/4	20.1	35.3	93.0	0.82
								[S1BN8-F]		1/4	10.4	23.5	89.8	0.64
754UFG IE3	60	104	1778	76.4	575	H	2	AWG 5-4	0.89-0.94	4/4	47.1	76.4	95.0	0.89
							+1	AWG 15-8	0.56-0.60	3/4	35.6	59.1	94.2	0.87
								Rubber Cable		2/4	23.9	41.6	93.5	0.83
								[S1BN8-F]		1/4	12.4	27.5	90.5	0.65
754XFG IE3	60	104	1778	76.4	575	H	2	AWG 5-4	0.89-0.94	4/4	47.1	76.4	95.0	0.89
							+1	AWG 15-8	0.56-0.60	3/4	35.6	59.1	94.2	0.87
								Rubber Cable		2/4	23.9	41.6	93.5	0.83
								[S1BN8-F]		1/4	12.4	27.5	90.5	0.65

6-poles

400 V

60 Hz

3~

FG

Cooling jacket - premium efficiency

Installation type D/H/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
156UFG IE3	10	104	1172	14.3	101	H	1	AWG 15-12	0.65-0.69	4/4	8.20	14.3	91.0	0.83
								Rubber Cable		3/4	6.21	11.5	90.0	0.78
								[S1BN8-F]		2/4	4.23	9.1	88.2	0.67
										1/4	2.22	7.3	84.0	0.44
156XFG IE3	10	104	1172	14.3	101	H	1	AWG 15-12	0.65-0.69	4/4	8.20	14.3	91.0	0.83
								Rubber Cable		3/4	6.21	11.5	90.0	0.78
								[S1BN8-F]		2/4	4.23	9.1	88.2	0.67
										1/4	2.22	7.3	84.0	0.44
186UFG IE3	15	104	1171	21.3	153	H	1	AWG 11-7+15-5	0.83-0.91	4/4	12.2	21.3	91.7	0.83
								Rubber Cable		3/4	9.2	17.1	90.7	0.78
								[S1BN8-F]		2/4	6.3	13.5	89.4	0.67
										1/4	3.3	10.7	85.6	0.44
186XFG IE3	15	104	1171	21.3	153	H	1	AWG 11-7+15-5	0.83-0.91	4/4	12.2	21.3	91.7	0.83
								Rubber Cable		3/4	9.2	17.1	90.7	0.78
								[S1BN8-F]		2/4	6.3	13.5	89.4	0.67
										1/4	3.3	10.7	85.6	0.44
226UFG IE3	20	104	1175	28.6	205	J	1	AWG 9-7+15-5	0.94-1.06	4/4	16.3	28.6	91.7	0.82
								Rubber Cable		3/4	12.2	22.9	91.5	0.77
								[S1BN8-F]		2/4	8.3	18.1	90.1	0.66
										1/4	4.4	15.2	84.4	0.42
226XFG IE3	20	104	1175	28.6	205	J	1	AWG 9-7+15-5	0.94-1.06	4/4	16.3	28.6	91.7	0.82
								Rubber Cable		3/4	12.2	22.9	91.5	0.77
								[S1BN8-F]		2/4	8.3	18.1	90.1	0.66
										1/4	4.4	15.2	84.4	0.42
316UFG IE3	25	104	1190	32.5	255	H	2 +1	AWG 11-4	0.49-0.53 0.56-0.60	4/4	20.1	32.5	93.0	0.89
								AWG 15-8		3/4	15.2	25.8	92.3	0.85
								Rubber Cable		2/4	10.2	19.1	91.4	0.77
								[S1BN8-F]		1/4	5.4	13.8	86.8	0.56
316XFG IE3	25	104	1190	32.5	255	H	2 +1	AWG 11-4	0.49-0.53 0.56-0.60	4/4	20.1	32.5	93.0	0.89
								AWG 15-8		3/4	15.2	25.8	92.3	0.85
								Rubber Cable		2/4	10.2	19.1	91.4	0.77
								[S1BN8-F]		1/4	5.4	13.8	86.8	0.56
376UFG IE3	30	104	1189	38.8	305	H	2 +1	AWG 11-4	0.49-0.53 0.56-0.60	4/4	23.9	38.8	93.6	0.89
								AWG 15-8		3/4	18.1	30.8	92.6	0.85
								Rubber Cable		2/4	12.2	22.8	91.9	0.77
								[S1BN8-F]		1/4	6.4	16.7	87.8	0.55
376XFG IE3	30	104	1189	38.8	305	H	2 +1	AWG 11-4	0.49-0.53 0.56-0.60	4/4	23.9	38.8	93.6	0.89
								AWG 15-8		3/4	18.1	30.8	92.6	0.85
								Rubber Cable		2/4	12.2	22.8	91.9	0.77
								[S1BN8-F]		1/4	6.4	16.7	87.8	0.55
456UFG IE3	40	104	1189	51.4	406	H	2 +1	AWG 7-4	0.72-0.77 0.56-0.60	4/4	31.7	51.4	94.1	0.89
								AWG 15-8		3/4	24.0	40.7	93.3	0.85
								Rubber Cable		2/4	16.1	30.1	92.8	0.77
								[S1BN8-F]		1/4	8.4	21.5	89.2	0.56

6-poles
400 V
60 Hz
3~
FG
Cooling jacket - premium efficiency
Installation type D/H/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2		n _n	I _n	I _s	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
	[hp]	[°F]	[rpm]	[A]	[A]									
456XFG	40	104	1189	51.4	406	H	2	AWG 7-4	0.72-0.77	4/4	31.7	51.4	94.1	0.89
IE3							+1	AWG 15-8	0.56-0.60	3/4	24.0	40.7	93.3	0.85
								Rubber Cable		2/4	16.1	30.1	92.8	0.77
								[S1BN8-F]		1/4	8.4	21.5	89.2	0.56
556UFG	50	104	1189	64.3	508	H	2	AWG 7-4	0.72-0.77	4/4	39.6	64.3	94.1	0.89
IE3							+1	AWG 15-8	0.56-0.60	3/4	29.9	50.3	93.5	0.86
								Rubber Cable		2/4	20.1	37.1	92.9	0.78
								[S1BN8-F]		1/4	10.4	26.3	89.8	0.57
556XFG	50	104	1189	64.3	508	H	2	AWG 7-4	0.72-0.77	4/4	39.6	64.3	94.1	0.89
IE3							+1	AWG 15-8	0.56-0.60	3/4	29.9	50.3	93.5	0.86
								Rubber Cable		2/4	20.1	37.1	92.9	0.78
								[S1BN8-F]		1/4	10.4	26.3	89.8	0.57

8-poles

400 V

60 Hz

3~

FG

Cooling jacket - premium efficiency

Installation type D/H/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
158UFG IE3	10	104	882	16.4	102	H	1	AWG 13-12	0.73-0.77	4/4	8.33	16.4	89.5	0.73
								Rubber Cable		3/4	6.30	14.0	88.8	0.65
								[S1BN8-F]		2/4	4.28	11.8	87.1	0.52
										1/4	2.33	10.5	80.1	0.32
158XFG IE3	10	104	882	16.4	102	H	1	AWG 13-12	0.73-0.77	4/4	8.33	16.4	89.5	0.73
								Rubber Cable		3/4	6.30	14.0	88.8	0.65
								[S1BN8-F]		2/4	4.28	11.8	87.1	0.52
										1/4	2.33	10.5	80.1	0.32
188UFG IE3	15	104	881	24.6	147	H	1	AWG 11-7+15-5	0.83-0.91	4/4	12.5	24.6	89.8	0.73
								Rubber Cable		3/4	9.3	20.5	89.9	0.66
								[S1BN8-F]		2/4	6.3	17.1	88.7	0.53
										1/4	3.4	14.7	82.9	0.33
188XFG IE3	15	104	881	24.6	147	H	1	AWG 11-7+15-5	0.83-0.91	4/4	12.5	24.6	89.8	0.73
								Rubber Cable		3/4	9.3	20.5	89.9	0.66
								[S1BN8-F]		2/4	6.3	17.1	88.7	0.53
										1/4	3.4	14.7	82.9	0.33
228UFG IE3	20	104	881	33.1	202	H	1	AWG 9-7+15-5	0.94-1.06	4/4	16.5	33.1	90.3	0.72
								Rubber Cable		3/4	12.4	27.5	90.5	0.65
								[S1BN8-F]		2/4	8.4	23.2	89.3	0.52
										1/4	4.5	20.7	83.7	0.31
228XFG IE3	20	104	881	33.1	202	H	1	AWG 9-7+15-5	0.94-1.06	4/4	16.5	33.1	90.3	0.72
								Rubber Cable		3/4	12.4	27.5	90.5	0.65
								[S1BN8-F]		2/4	8.4	23.2	89.3	0.52
										1/4	4.5	20.7	83.7	0.31
308UFG IE3	25	104	890	37.0	244	H	2 +1	AWG 11-4	0.49-0.53 0.56-0.60	4/4	20.5	37.0	91.0	0.80
								AWG 15-8		3/4	15.5	30.1	90.4	0.74
								Rubber Cable		2/4	10.5	24.4	89.0	0.62
								[S1BN8-F]		1/4	5.6	20.2	82.9	0.40
308XFG IE3	25	104	890	37.0	244	H	2 +1	AWG 11-4	0.49-0.53 0.56-0.60	4/4	20.5	37.0	91.0	0.80
								AWG 15-8		3/4	15.5	30.1	90.4	0.74
								Rubber Cable		2/4	10.5	24.4	89.0	0.62
								[S1BN8-F]		1/4	5.6	20.2	82.9	0.40
378UFG IE3	30	104	890	43.5	278	H	2 +1	AWG 9-4	0.56-0.60 0.56-0.60	4/4	24.4	43.5	91.7	0.81
								AWG 15-8		3/4	18.4	35.1	91.0	0.76
								Rubber Cable		2/4	12.4	27.6	89.9	0.65
								[S1BN8-F]		1/4	6.6	22.2	84.6	0.43
378XFG IE3	30	104	890	43.5	278	H	2 +1	AWG 9-4	0.56-0.60 0.56-0.60	4/4	24.4	43.5	91.7	0.81
								AWG 15-8		3/4	18.4	35.1	91.0	0.76
								Rubber Cable		2/4	12.4	27.6	89.9	0.65
								[S1BN8-F]		1/4	6.6	22.2	84.6	0.43
458UFG IE3	40	104	890	58.0	371	H	2 +1	AWG 7-4	0.72-0.77 0.56-0.60	4/4	32.5	58.0	91.7	0.81
								AWG 15-8		3/4	24.6	46.7	91.1	0.76
								Rubber Cable		2/4	16.6	36.9	89.8	0.65
								[S1BN8-F]		1/4	8.8	29.7	84.4	0.43

8-poles
400 V
60 Hz
3~
FG
Cooling jacket - premium efficiency
Installation type D/H/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2		n _n	I _n	I _s	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
	[hp]	[°F]	[rpm]	[A]	[A]									
458XFG	40	104	890	58.0	371	H	2	AWG 7-4	0.72-0.77	4/4	32.5	58.0	91.7	0.81
IE3							+1	AWG 15-8	0.56-0.60	3/4	24.6	46.7	91.1	0.76
								Rubber Cable		2/4	16.6	36.9	89.8	0.65
								[S1BN8-F]		1/4	8.8	29.7	84.4	0.43

2-poles

460 V

60 Hz

3~

FG

Cooling jacket - premium efficiency

Installation type D/H/K

motor type efficiency class	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2		n _n	I _n	I _s	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
	[hp]	[°F]	[rpm]	[A]	[A]									
182UFG IE3	15	104	3551	16.8	131	H	1	AWG 13-12	0.73-0.77	4/4	12.3	16.8	91.0	0.92
								3/4		9.2	12.9	90.8	0.90	
								Rubber Cable		2/4	6.2	8.9	89.6	0.88
								[S1BN8-F]		1/4	3.3	5.6	84.1	0.74
182XFG IE3	15	104	3551	16.8	131	H	1	AWG 13-12	0.73-0.77	4/4	12.3	16.8	91.0	0.92
								3/4		9.2	12.9	90.8	0.90	
								Rubber Cable		2/4	6.2	8.9	89.6	0.88
								[S1BN8-F]		1/4	3.3	5.6	84.1	0.74
222UFG IE3	20	104	3552	22.4	173	H	1	AWG 11-7+15-5	0.83-0.91	4/4	16.4	22.4	91.0	0.92
								3/4		12.3	17.2	90.9	0.90	
								Rubber Cable		2/4	8.3	12.2	89.4	0.86
								[S1BN8-F]		1/4	4.4	7.9	83.8	0.71
222XFG IE3	20	104	3552	22.4	173	H	1	AWG 11-7+15-5	0.83-0.91	4/4	16.4	22.4	91.0	0.92
								3/4		12.3	17.2	90.9	0.90	
								Rubber Cable		2/4	8.3	12.2	89.4	0.86
								[S1BN8-F]		1/4	4.4	7.9	83.8	0.71
262UFG IE3	25	104	3555	27.4	222	H	1	AWG 11-7+15-5	0.83-0.91	4/4	20.3	27.4	91.7	0.93
								3/4		15.5	21.2	90.2	0.92	
								Rubber Cable		2/4	10.8	15.4	86.3	0.88
								[S1BN8-F]		1/4	5.5	9.5	84.7	0.73
262XFG IE3	25	104	3555	27.4	222	H	1	AWG 11-7+15-5	0.83-0.91	4/4	20.3	27.4	91.7	0.93
								3/4		15.5	21.2	90.2	0.92	
								Rubber Cable		2/4	10.8	15.4	86.3	0.88
								[S1BN8-F]		1/4	5.5	9.5	84.7	0.73
302UFG IE3	30	104	3561	32.9	267	H	1	AWG 9-7+15-5	0.94-1.06	4/4	24.4	32.9	91.7	0.93
								3/4		18.4	25.1	91.3	0.92	
								Rubber Cable		2/4	12.4	17.9	90.0	0.87
								[S1BN8-F]		1/4	6.4	11.2	87.3	0.72
302XFG IE3	30	104	3561	32.9	267	H	1	AWG 9-7+15-5	0.94-1.06	4/4	24.4	32.9	91.7	0.93
								3/4		18.4	25.1	91.3	0.92	
								Rubber Cable		2/4	12.4	17.9	90.0	0.87
								[S1BN8-F]		1/4	6.4	11.2	87.3	0.72
372UFG IE3	40	104	3553	43.1	350	H	1	AWG 7-7+15-5	0.96-1.08	4/4	32.3	43.1	92.4	0.94
								3/4		24.4	33.3	91.8	0.92	
								Rubber Cable		2/4	16.5	23.3	90.4	0.89
								[S1BN8-F]		1/4	8.8	14.0	84.9	0.79
372XFG IE3	40	104	3553	43.1	350	H	1	AWG 7-7+15-5	0.96-1.08	4/4	32.3	43.1	92.4	0.94
								3/4		24.4	33.3	91.8	0.92	
								Rubber Cable		2/4	16.5	23.3	90.4	0.89
								[S1BN8-F]		1/4	8.8	14.0	84.9	0.79
552UFG IE3	50	104	3574	54.7	421	H	2 +1	AWG 7-4	0.72-0.77 0.56-0.60	4/4	40.1	54.7	93.0	0.92
								AWG 15-8		3/4	30.5	42.5	91.8	0.90
								Rubber Cable		2/4	20.7	29.5	90.0	0.88
								[S1BN8-F]		1/4	11.2	19.0	83.4	0.74

2-poles
460 V
60 Hz
3~
FG
Cooling jacket - premium efficiency
Installation type D/H/K

motor type efficiency class	motor rating P2 [hp]	max. temp. pum- ped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA		cable size power + control cable			motor data				
					I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
552XFG IE3	50	104	3574	54.7	421	H	2 +1	AWG 7-4	0.72-0.77	4/4	40.1	54.7	93.0	0.92
								AWG 15-8	0.56-0.60	3/4	30.5	42.5	91.8	0.90
								Rubber Cable		2/4	20.7	29.5	90.0	0.88
								[S1BN8-F]		1/4	11.2	19.0	83.4	0.74
652UFG IE3	60	104	3574	65.2	508	H	2 +1	AWG 7-4	0.72-0.77	4/4	47.8	65.2	93.6	0.92
								AWG 15-8	0.56-0.60	3/4	36.3	50.6	92.5	0.90
								Rubber Cable		2/4	24.7	36.0	90.7	0.86
								[S1BN8-F]		1/4	13.2	24.3	85.0	0.68
652XFG IE3	60	104	3574	65.2	508	H	2 +1	AWG 7-4	0.72-0.77	4/4	47.8	65.2	93.6	0.92
								AWG 15-8	0.56-0.60	3/4	36.3	50.6	92.5	0.90
								Rubber Cable		2/4	24.7	36.0	90.7	0.86
								[S1BN8-F]		1/4	13.2	24.3	85.0	0.68
752UFG IE3	74	104	3572	79.6	605	H	2 +1	AWG 5-4	0.89-0.94	4/4	59.0	79.6	93.6	0.93
								AWG 15-8	0.56-0.60	3/4	44.5	61.4	93.0	0.91
								Rubber Cable		2/4	30.0	43.3	92.0	0.87
								[S1BN8-F]		1/4	15.8	28.0	87.2	0.71
752XFG IE3	74	104	3572	79.6	605	H	2 +1	AWG 5-4	0.89-0.94	4/4	59.0	79.6	93.6	0.93
								AWG 15-8	0.56-0.60	3/4	44.5	61.4	93.0	0.91
								Rubber Cable		2/4	30.0	43.3	92.0	0.87
								[S1BN8-F]		1/4	15.8	28.0	87.2	0.71

4-poles

460 V

60 Hz

3~

FG

Cooling jacket - premium efficiency

Installation type D/H/K

motor type efficiency class	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
154UFG IE3	10	104	1775	12.2	89	H	1	AWG 15-12	0.65-0.69	4/4	8.13	12.2	91.7	0.84
								Rubber Cable		3/4	6.15	9.5	90.9	0.81
								[S1BN8-F]		2/4	4.13	7.1	90.2	0.73
										1/4	2.19	5.3	85.0	0.52
154XFG IE3	10	104	1775	12.2	89	H	1	AWG 15-12	0.65-0.69	4/4	8.13	12.2	91.7	0.84
								Rubber Cable		3/4	6.15	9.5	90.9	0.81
								[S1BN8-F]		2/4	4.13	7.1	90.2	0.73
										1/4	2.19	5.3	85.0	0.52
184UFG IE3	15	104	1774	18.1	130	H	1	AWG 13-12	0.73-0.77	4/4	12.1	18.1	92.4	0.84
								Rubber Cable		3/4	9.1	14.3	91.8	0.80
								[S1BN8-F]		2/4	6.1	10.4	91.0	0.74
										1/4	3.2	7.7	87.4	0.52
184XFG IE3	15	104	1774	18.1	130	H	1	AWG 13-12	0.73-0.77	4/4	12.1	18.1	92.4	0.84
								Rubber Cable		3/4	9.1	14.3	91.8	0.80
								[S1BN8-F]		2/4	6.1	10.4	91.0	0.74
										1/4	3.2	7.7	87.4	0.52
224UFG IE3	20	104	1775	23.7	178	H	1	AWG 11-7+15-5	0.83-0.91	4/4	16.0	23.7	93.0	0.85
								Rubber Cable		3/4	12.1	19.0	92.2	0.80
								[S1BN8-F]		2/4	8.2	14.6	91.4	0.70
										1/4	4.3	11.1	87.7	0.48
224XFG IE3	20	104	1775	23.7	178	H	1	AWG 11-7+15-5	0.83-0.91	4/4	16.0	23.7	93.0	0.85
								Rubber Cable		3/4	12.1	19.0	92.2	0.80
								[S1BN8-F]		2/4	8.2	14.6	91.4	0.70
										1/4	4.3	11.1	87.7	0.48
304UFG IE3	25	104	1773	29.4	220	H	1	AWG 9-7+15-5	0.94-1.06	4/4	19.9	29.4	93.6	0.85
								Rubber Cable		3/4	15.2	23.0	92.0	0.83
								[S1BN8-F]		2/4	10.4	17.1	90.1	0.76
										1/4	5.3	12.4	87.7	0.54
304XFG IE3	25	104	1773	29.4	220	H	1	AWG 9-7+15-5	0.94-1.06	4/4	19.9	29.4	93.6	0.85
								Rubber Cable		3/4	15.2	23.0	92.0	0.83
								[S1BN8-F]		2/4	10.4	17.1	90.1	0.76
										1/4	5.3	12.4	87.7	0.54
374UFG IE3	30	104	1778	34.9	267	H	1	AWG 9-7+15-5	0.94-1.06	4/4	23.9	34.9	93.6	0.86
								Rubber Cable		3/4	18.1	27.4	92.5	0.83
								[S1BN8-F]		2/4	12.2	20.5	91.5	0.75
										1/4	6.4	14.7	87.0	0.55
374XFG IE3	30	104	1778	34.9	267	H	1	AWG 9-7+15-5	0.94-1.06	4/4	23.9	34.9	93.6	0.86
								Rubber Cable		3/4	18.1	27.4	92.5	0.83
								[S1BN8-F]		2/4	12.2	20.5	91.5	0.75
										1/4	6.4	14.7	87.0	0.55
554UFG IE3	40	104	1779	44.7	340	H	2 +1	AWG 9-4	0.56-0.60 0.56-0.60	4/4	31.7	44.7	94.1	0.89
								AWG 15-8		3/4	24.1	34.7	93.0	0.87
								Rubber Cable		2/4	16.1	24.7	92.4	0.82
								[S1BN8-F]		1/4	8.4	16.5	88.4	0.64

4-poles
460 V
60 Hz
3~
FG
Cooling jacket - premium efficiency
Installation type D/H/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
554XFG IE3	40	104	1779	44.7	340	H	2	AWG 9-4	0.56-0.60	4/4	31.7	44.7	94.1	0.89
							+1	AWG 15-8	0.56-0.60	3/4	24.1	34.7	93.0	0.87
								Rubber Cable		2/4	16.1	24.7	92.4	0.82
								[S1BN8-F]		1/4	8.4	16.5	88.4	0.64
654UFG IE3	50	104	1779	55.7	425	H	2	AWG 7-4	0.72-0.77	4/4	39.5	55.7	94.5	0.89
							+1	AWG 15-8	0.56-0.60	3/4	29.8	43.1	93.7	0.87
								Rubber Cable		2/4	20.1	30.7	93.0	0.82
								[S1BN8-F]		1/4	10.4	20.4	89.8	0.64
654XFG IE3	50	104	1779	55.7	425	H	2	AWG 7-4	0.72-0.77	4/4	39.5	55.7	94.5	0.89
							+1	AWG 15-8	0.56-0.60	3/4	29.8	43.1	93.7	0.87
								Rubber Cable		2/4	20.1	30.7	93.0	0.82
								[S1BN8-F]		1/4	10.4	20.4	89.8	0.64
754UFG IE3	60	104	1778	66.4	500	H	2	AWG 7-4	0.72-0.77	4/4	47.1	66.4	95.0	0.89
							+1	AWG 15-8	0.56-0.60	3/4	35.6	51.4	94.2	0.87
								Rubber Cable		2/4	23.9	36.2	93.5	0.83
								[S1BN8-F]		1/4	12.4	23.9	90.5	0.65
754XFG IE3	60	104	1778	66.4	500	H	2	AWG 7-4	0.72-0.77	4/4	47.1	66.4	95.0	0.89
							+1	AWG 15-8	0.56-0.60	3/4	35.6	51.4	94.2	0.87
								Rubber Cable		2/4	23.9	36.2	93.5	0.83
								[S1BN8-F]		1/4	12.4	23.9	90.5	0.65

6-poles

460 V

60 Hz

3~

FG

Cooling jacket - premium efficiency

Installation type D/H/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
156UFG IE3	10	104	1172	12.4	88	H	1	AWG 15-12	0.65-0.69	4/4	8.20	12.4	91.0	0.83
								Rubber Cable		3/4	6.21	10.0	90.0	0.78
								[S1BN8-F]		2/4	4.23	7.9	88.2	0.67
										1/4	2.22	6.3	84.0	0.44
156XFG IE3	10	104	1172	12.4	88	H	1	AWG 15-12	0.65-0.69	4/4	8.20	12.4	91.0	0.83
								Rubber Cable		3/4	6.21	10.0	90.0	0.78
								[S1BN8-F]		2/4	4.23	7.9	88.2	0.67
										1/4	2.22	6.3	84.0	0.44
186UFG IE3	15	104	1171	18.5	133	H	1	AWG 13-12	0.73-0.77	4/4	12.2	18.5	91.7	0.83
								Rubber Cable		3/4	9.2	14.9	90.7	0.78
								[S1BN8-F]		2/4	6.3	11.7	89.4	0.67
										1/4	3.3	9.3	85.6	0.44
186XFG IE3	15	104	1171	18.5	133	H	1	AWG 13-12	0.73-0.77	4/4	12.2	18.5	91.7	0.83
								Rubber Cable		3/4	9.2	14.9	90.7	0.78
								[S1BN8-F]		2/4	6.3	11.7	89.4	0.67
										1/4	3.3	9.3	85.6	0.44
226UFG IE3	20	104	1175	24.9	178	H	1	AWG 11-7+15-5	0.83-0.91	4/4	16.3	24.9	91.7	0.82
								Rubber Cable		3/4	12.2	19.9	91.5	0.77
								[S1BN8-F]		2/4	8.3	15.7	90.1	0.66
										1/4	4.4	13.2	84.4	0.42
226XFG IE3	20	104	1175	24.9	178	H	1	AWG 11-7+15-5	0.83-0.91	4/4	16.3	24.9	91.7	0.82
								Rubber Cable		3/4	12.2	19.9	91.5	0.77
								[S1BN8-F]		2/4	8.3	15.7	90.1	0.66
										1/4	4.4	13.2	84.4	0.42
316UFG IE3	25	104	1190	28.3	222	H	2 +1	AWG 11-4	0.49-0.53 0.56-0.60	4/4	20.1	28.3	93.0	0.89
								AWG 15-8		3/4	15.2	22.4	92.3	0.85
								Rubber Cable		2/4	10.2	16.6	91.4	0.77
								[S1BN8-F]		1/4	5.4	12.0	86.8	0.56
316XFG IE3	25	104	1190	28.3	222	H	2 +1	AWG 11-4	0.49-0.53 0.56-0.60	4/4	20.1	28.3	93.0	0.89
								AWG 15-8		3/4	15.2	22.4	92.3	0.85
								Rubber Cable		2/4	10.2	16.6	91.4	0.77
								[S1BN8-F]		1/4	5.4	12.0	86.8	0.56
376UFG IE3	30	104	1189	33.7	265	H	2 +1	AWG 11-4	0.49-0.53 0.56-0.60	4/4	23.9	33.7	93.6	0.89
								AWG 15-8		3/4	18.1	26.8	92.6	0.85
								Rubber Cable		2/4	12.2	19.8	91.9	0.77
								[S1BN8-F]		1/4	6.4	14.5	87.8	0.55
376XFG IE3	30	104	1189	33.7	265	H	2 +1	AWG 11-4	0.49-0.53 0.56-0.60	4/4	23.9	33.7	93.6	0.89
								AWG 15-8		3/4	18.1	26.8	92.6	0.85
								Rubber Cable		2/4	12.2	19.8	91.9	0.77
								[S1BN8-F]		1/4	6.4	14.5	87.8	0.55
456UFG IE3	40	104	1189	44.7	353	H	2 +1	AWG 9-4	0.56-0.60 0.56-0.60	4/4	31.7	44.7	94.1	0.89
								AWG 15-8		3/4	24.0	35.4	93.3	0.85
								Rubber Cable		2/4	16.1	26.2	92.8	0.77
								[S1BN8-F]		1/4	8.4	18.7	89.2	0.56

6-poles
460 V
60 Hz
3~
FG
Cooling jacket - premium efficiency
Installation type D/H/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2		n _n	I _n	I _s	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
	[hp]	[°F]	[rpm]	[A]	[A]									
456XFG	40	104	1189	44.7	353	H	2	AWG 9-4	0.56-0.60	4/4	31.7	44.7	94.1	0.89
IE3							+1	AWG 15-8	0.56-0.60	3/4	24.0	35.4	93.3	0.85
								Rubber Cable		2/4	16.1	26.2	92.8	0.77
								[S1BN8-F]		1/4	8.4	18.7	89.2	0.56
556UFG	50	104	1189	55.9	442	H	2	AWG 7-4	0.72-0.77	4/4	39.6	55.9	94.1	0.89
IE3							+1	AWG 15-8	0.56-0.60	3/4	29.9	43.7	93.5	0.86
								Rubber Cable		2/4	20.1	32.3	92.9	0.78
								[S1BN8-F]		1/4	10.4	22.9	89.8	0.57
556XFG	50	104	1189	55.9	442	H	2	AWG 7-4	0.72-0.77	4/4	39.6	55.9	94.1	0.89
IE3							+1	AWG 15-8	0.56-0.60	3/4	29.9	43.7	93.5	0.86
								Rubber Cable		2/4	20.1	32.3	92.9	0.78
								[S1BN8-F]		1/4	10.4	22.9	89.8	0.57

8-poles

460 V

60 Hz

3~

FG

Cooling jacket - premium efficiency

Installation type D/H/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
158UFG IE3	10	104	882	14.3	89	H	1	AWG 15-12	0.65-0.69	4/4	8.33	14.3	89.5	0.73
								Rubber Cable		3/4	6.30	12.2	88.8	0.65
								[S1BN8-F]		2/4	4.28	10.3	87.1	0.52
										1/4	2.33	9.1	80.1	0.32
158XFG IE3	10	104	882	14.3	89	H	1	AWG 15-12	0.65-0.69	4/4	8.33	14.3	89.5	0.73
								Rubber Cable		3/4	6.30	12.2	88.8	0.65
								[S1BN8-F]		2/4	4.28	10.3	87.1	0.52
										1/4	2.33	9.1	80.1	0.32
188UFG IE3	15	104	881	21.4	128	H	1	AWG 11-7+15-5	0.83-0.91	4/4	12.5	21.4	89.8	0.73
								Rubber Cable		3/4	9.3	17.8	89.9	0.66
								[S1BN8-F]		2/4	6.3	14.9	88.7	0.53
										1/4	3.4	12.8	82.9	0.33
188XFG IE3	15	104	881	21.4	128	H	1	AWG 11-7+15-5	0.83-0.91	4/4	12.5	21.4	89.8	0.73
								Rubber Cable		3/4	9.3	17.8	89.9	0.66
								[S1BN8-F]		2/4	6.3	14.9	88.7	0.53
										1/4	3.4	12.8	82.9	0.33
228UFG IE3	20	104	881	28.8	176	H	1	AWG 9-7+15-5	0.94-1.06	4/4	16.5	28.8	90.3	0.72
								Rubber Cable		3/4	12.4	23.9	90.5	0.65
								[S1BN8-F]		2/4	8.4	20.2	89.3	0.52
										1/4	4.5	18.0	83.7	0.31
228XFG IE3	20	104	881	28.8	176	H	1	AWG 9-7+15-5	0.94-1.06	4/4	16.5	28.8	90.3	0.72
								Rubber Cable		3/4	12.4	23.9	90.5	0.65
								[S1BN8-F]		2/4	8.4	20.2	89.3	0.52
										1/4	4.5	18.0	83.7	0.31
308UFG IE3	25	104	890	32.2	212	H	2 +1	AWG 11-4	0.49-0.53 0.56-0.60	4/4	20.5	32.2	91.0	0.80
								AWG 15-8		3/4	15.5	26.2	90.4	0.74
								Rubber Cable		2/4	10.5	21.2	89.0	0.62
								[S1BN8-F]		1/4	5.6	17.6	82.9	0.40
308XFG IE3	25	104	890	32.2	212	H	2 +1	AWG 11-4	0.49-0.53 0.56-0.60	4/4	20.5	32.2	91.0	0.80
								AWG 15-8		3/4	15.5	26.2	90.4	0.74
								Rubber Cable		2/4	10.5	21.2	89.0	0.62
								[S1BN8-F]		1/4	5.6	17.6	82.9	0.40
378UFG IE3	30	104	890	37.8	242	H	2 +1	AWG 11-4	0.49-0.53 0.56-0.60	4/4	24.4	37.8	91.7	0.81
								AWG 15-8		3/4	18.4	30.5	91.0	0.76
								Rubber Cable		2/4	12.4	24.0	89.9	0.65
								[S1BN8-F]		1/4	6.6	19.3	84.6	0.43
378XFG IE3	30	104	890	37.8	242	H	2 +1	AWG 11-4	0.49-0.53 0.56-0.60	4/4	24.4	37.8	91.7	0.81
								AWG 15-8		3/4	18.4	30.5	91.0	0.76
								Rubber Cable		2/4	12.4	24.0	89.9	0.65
								[S1BN8-F]		1/4	6.6	19.3	84.6	0.43
458UFG IE3	40	104	890	50.4	323	H	2 +1	AWG 9-4	0.56-0.60 0.56-0.60	4/4	32.5	50.4	91.7	0.81
								AWG 15-8		3/4	24.6	40.6	91.1	0.76
								Rubber Cable		2/4	16.6	32.1	89.8	0.65
								[S1BN8-F]		1/4	8.8	25.8	84.4	0.43

8-poles
460 V
60 Hz
3~
FG
Cooling jacket - premium efficiency
Installation type D/H/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2		n _n	I _n	I _s	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
	[hp]	[°F]	[rpm]	[A]	[A]									
458XFG	40	104	890	50.4	323	H	2	AWG 9-4	0.56-0.60	4/4	32.5	50.4	91.7	0.81
IE3							+1	AWG 15-8	0.56-0.60	3/4	24.6	40.6	91.1	0.76
								Rubber Cable		2/4	16.6	32.1	89.8	0.65
								[S1BN8-F]		1/4	8.8	25.8	84.4	0.43

2-poles

575 V

60 Hz

3~

FG

Cooling jacket - premium efficiency

Installation type D/H/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
efficiency class	P2		n _n	I _n	I _s	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
	[hp]	[°F]	[rpm]	[A]	[A]									
182UFG	15	104	3551	13.4	105	H	1	AWG 15-12	0.65-0.69	4/4	12.3	13.4	91.0	0.92
IE3								Rubber Cable		3/4	9.2	10.3	90.8	0.90
								[S1BN8-F]		2/4	6.2	7.1	89.6	0.88
										1/4	3.3	4.5	84.1	0.74
182XFG	15	104	3551	13.4	105	H	1	AWG 15-12	0.65-0.69	4/4	12.3	13.4	91.0	0.92
IE3								Rubber Cable		3/4	9.2	10.3	90.8	0.90
								[S1BN8-F]		2/4	6.2	7.1	89.6	0.88
										1/4	3.3	4.5	84.1	0.74
222UFG	20	104	3552	17.9	138	H	1	AWG 13-12	0.73-0.77	4/4	16.4	17.9	91.0	0.92
IE3								Rubber Cable		3/4	12.3	13.8	90.9	0.90
								[S1BN8-F]		2/4	8.3	9.8	89.4	0.86
										1/4	4.4	6.3	83.8	0.71
222XFG	20	104	3552	17.9	138	H	1	AWG 13-12	0.73-0.77	4/4	16.4	17.9	91.0	0.92
IE3								Rubber Cable		3/4	12.3	13.8	90.9	0.90
								[S1BN8-F]		2/4	8.3	9.8	89.4	0.86
										1/4	4.4	6.3	83.8	0.71
262UFG	25	104	3555	21.9	178	H	1	AWG 11-7+15-5	0.83-0.91	4/4	20.3	21.9	91.7	0.93
IE3								Rubber Cable		3/4	15.5	17.0	90.2	0.92
								[S1BN8-F]		2/4	10.8	12.3	86.3	0.88
										1/4	5.5	7.6	84.7	0.73
262XFG	25	104	3555	21.9	178	H	1	AWG 11-7+15-5	0.83-0.91	4/4	20.3	21.9	91.7	0.93
IE3								Rubber Cable		3/4	15.5	17.0	90.2	0.92
								[S1BN8-F]		2/4	10.8	12.3	86.3	0.88
										1/4	5.5	7.6	84.7	0.73
302UFG	30	104	3561	26.3	213	H	1	AWG 11-7+15-5	0.83-0.91	4/4	24.4	26.3	91.7	0.93
IE3								Rubber Cable		3/4	18.4	20.1	91.3	0.92
								[S1BN8-F]		2/4	12.4	14.3	90.0	0.87
										1/4	6.4	9.0	87.3	0.72
302XFG	30	104	3561	26.3	213	H	1	AWG 11-7+15-5	0.83-0.91	4/4	24.4	26.3	91.7	0.93
IE3								Rubber Cable		3/4	18.4	20.1	91.3	0.92
								[S1BN8-F]		2/4	12.4	14.3	90.0	0.87
										1/4	6.4	9.0	87.3	0.72
372UFG	40	104	3553	34.5	280	H	1	AWG 9-7+15-5	0.94-1.06	4/4	32.3	34.5	92.4	0.94
IE3								Rubber Cable		3/4	24.4	26.6	91.8	0.92
								[S1BN8-F]		2/4	16.5	18.6	90.4	0.89
										1/4	8.8	11.2	84.9	0.79
372XFG	40	104	3553	34.5	280	H	1	AWG 9-7+15-5	0.94-1.06	4/4	32.3	34.5	92.4	0.94
IE3								Rubber Cable		3/4	24.4	26.6	91.8	0.92
								[S1BN8-F]		2/4	16.5	18.6	90.4	0.89
										1/4	8.8	11.2	84.9	0.79
552UFG	50	104	3574	43.8	337	H	2 +1	AWG 9-4	0.56-0.60	4/4	40.1	43.8	93.0	0.92
IE3								AWG 15-8	0.56-0.60	3/4	30.5	34.0	91.8	0.90
								Rubber Cable		2/4	20.7	23.6	90.0	0.88
								[S1BN8-F]		1/4	11.2	15.2	83.4	0.74

2-poles
575 V
60 Hz
3~
FG
Cooling jacket - premium efficiency
Installation type D/H/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2		n _n	I _n	I _s	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
	[hp]	[°F]	[rpm]	[A]	[A]									
552XFG	50	104	3574	43.8	337	H	2	AWG 9-4	0.56-0.60	4/4	40.1	43.8	93.0	0.92
IE3							+1	AWG 15-8	0.56-0.60	3/4	30.5	34.0	91.8	0.90
								Rubber Cable		2/4	20.7	23.6	90.0	0.88
								[S1BN8-F]		1/4	11.2	15.2	83.4	0.74
652UFG	60	104	3574	52.2	406	H	2	AWG 7-4	0.72-0.77	4/4	47.8	52.2	93.6	0.92
IE3							+1	AWG 15-8	0.56-0.60	3/4	36.3	40.5	92.5	0.90
								Rubber Cable		2/4	24.7	28.8	90.7	0.86
								[S1BN8-F]		1/4	13.2	19.4	85.0	0.68
652XFG	60	104	3574	52.2	406	H	2	AWG 7-4	0.72-0.77	4/4	47.8	52.2	93.6	0.92
IE3							+1	AWG 15-8	0.56-0.60	3/4	36.3	40.5	92.5	0.90
								Rubber Cable		2/4	24.7	28.8	90.7	0.86
								[S1BN8-F]		1/4	13.2	19.4	85.0	0.68
752UFG	74	104	3572	63.7	484	H	2	AWG 7-4	0.72-0.77	4/4	59.0	63.7	93.6	0.93
IE3							+1	AWG 15-8	0.56-0.60	3/4	44.5	49.1	93.0	0.91
								Rubber Cable		2/4	30.0	34.6	92.0	0.87
								[S1BN8-F]		1/4	15.8	22.4	87.2	0.71
752XFG	74	104	3572	63.7	484	H	2	AWG 7-4	0.72-0.77	4/4	59.0	63.7	93.6	0.93
IE3							+1	AWG 15-8	0.56-0.60	3/4	44.5	49.1	93.0	0.91
								Rubber Cable		2/4	30.0	34.6	92.0	0.87
								[S1BN8-F]		1/4	15.8	22.4	87.2	0.71

4-poles

575 V

60 Hz

3~

FG

Cooling jacket - premium efficiency

Installation type D/H/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
efficiency class	P2		n _n	I _n	I _s	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
	[hp]	[°F]	[rpm]	[A]	[A]									
154UFG	10	104	1775	9.76	71	H	1	AWG 15-12	0.65-0.69	4/4	8.13	9.76	91.7	0.84
IE3								Rubber Cable		3/4	6.15	7.62	90.9	0.81
								[S1BN8-F]		2/4	4.13	5.69	90.2	0.73
										1/4	2.19	4.23	85.0	0.52
154XFG	10	104	1775	9.76	71	H	1	AWG 15-12	0.65-0.69	4/4	8.13	9.76	91.7	0.84
IE3								Rubber Cable		3/4	6.15	7.62	90.9	0.81
								[S1BN8-F]		2/4	4.13	5.69	90.2	0.73
										1/4	2.19	4.23	85.0	0.52
184UFG	15	104	1774	14.5	104	H	1	AWG 15-12	0.65-0.69	4/4	12.1	14.5	92.4	0.84
IE3								Rubber Cable		3/4	9.1	11.4	91.8	0.80
								[S1BN8-F]		2/4	6.1	8.3	91.0	0.74
										1/4	3.2	6.2	87.4	0.52
184XFG	15	104	1774	14.5	104	H	1	AWG 15-12	0.65-0.69	4/4	12.1	14.5	92.4	0.84
IE3								Rubber Cable		3/4	9.1	11.4	91.8	0.80
								[S1BN8-F]		2/4	6.1	8.3	91.0	0.74
										1/4	3.2	6.2	87.4	0.52
224UFG	20	104	1775	19.0	142	H	1	AWG 13-12	0.73-0.77	4/4	16.0	19.0	93.0	0.85
IE3								Rubber Cable		3/4	12.1	15.2	92.2	0.80
								[S1BN8-F]		2/4	8.2	11.7	91.4	0.70
										1/4	4.3	8.9	87.7	0.48
224XFG	20	104	1775	19.0	142	H	1	AWG 13-12	0.73-0.77	4/4	16.0	19.0	93.0	0.85
IE3								Rubber Cable		3/4	12.1	15.2	92.2	0.80
								[S1BN8-F]		2/4	8.2	11.7	91.4	0.70
										1/4	4.3	8.9	87.7	0.48
304UFG	25	104	1773	23.5	176	H	1	AWG 11-7+15-5	0.83-0.91	4/4	19.9	23.5	93.6	0.85
IE3								Rubber Cable		3/4	15.2	18.4	92.0	0.83
								[S1BN8-F]		2/4	10.4	13.7	90.1	0.76
										1/4	5.3	9.9	87.7	0.54
304XFG	25	104	1773	23.5	176	H	1	AWG 11-7+15-5	0.83-0.91	4/4	19.9	23.5	93.6	0.85
IE3								Rubber Cable		3/4	15.2	18.4	92.0	0.83
								[S1BN8-F]		2/4	10.4	13.7	90.1	0.76
										1/4	5.3	9.9	87.7	0.54
374UFG	30	104	1778	27.9	214	J	1	AWG 9-7+15-5	0.94-1.06	4/4	23.9	27.9	93.6	0.86
IE3								Rubber Cable		3/4	18.1	21.9	92.5	0.83
								[S1BN8-F]		2/4	12.2	16.4	91.5	0.75
										1/4	6.4	11.8	87.0	0.55
374XFG	30	104	1778	27.9	214	J	1	AWG 9-7+15-5	0.94-1.06	4/4	23.9	27.9	93.6	0.86
IE3								Rubber Cable		3/4	18.1	21.9	92.5	0.83
								[S1BN8-F]		2/4	12.2	16.4	91.5	0.75
										1/4	6.4	11.8	87.0	0.55
554UFG	40	104	1779	35.8	272	H	2 +1	AWG 11-4	0.49-0.53	4/4	31.7	35.8	94.1	0.89
IE3								AWG 15-8	0.56-0.60	3/4	24.1	27.8	93.0	0.87
								Rubber Cable		2/4	16.1	19.8	92.4	0.82
								[S1BN8-F]		1/4	8.4	13.2	88.4	0.64

4-poles

575 V

60 Hz

3~

FG

Cooling jacket - premium efficiency

Installation type D/H/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
554XFG IE3	40	104	1779	35.8	272	H	2	AWG 11-4	0.49-0.53	4/4	31.7	35.8	94.1	0.89
							+1	AWG 15-8	0.56-0.60	3/4	24.1	27.8	93.0	0.87
								Rubber Cable		2/4	16.1	19.8	92.4	0.82
								[S1BN8-F]		1/4	8.4	13.2	88.4	0.64
654UFG IE3	50	104	1779	44.6	340	H	2	AWG 9-4	0.56-0.60	4/4	39.5	44.6	94.5	0.89
							+1	AWG 15-8	0.56-0.60	3/4	29.8	34.5	93.7	0.87
								Rubber Cable		2/4	20.1	24.6	93.0	0.82
								[S1BN8-F]		1/4	10.4	16.3	89.8	0.64
654XFG IE3	50	104	1779	44.6	340	H	2	AWG 9-4	0.56-0.60	4/4	39.5	44.6	94.5	0.89
							+1	AWG 15-8	0.56-0.60	3/4	29.8	34.5	93.7	0.87
								Rubber Cable		2/4	20.1	24.6	93.0	0.82
								[S1BN8-F]		1/4	10.4	16.3	89.8	0.64
754UFG IE3	60	104	1778	53.1	400	H	2	AWG 7-4	0.72-0.77	4/4	47.1	53.1	95.0	0.89
							+1	AWG 15-8	0.56-0.60	3/4	35.6	41.1	94.2	0.87
								Rubber Cable		2/4	23.9	29.0	93.5	0.83
								[S1BN8-F]		1/4	12.4	19.1	90.5	0.65
754XFG IE3	60	104	1778	53.1	400	H	2	AWG 7-4	0.72-0.77	4/4	47.1	53.1	95.0	0.89
							+1	AWG 15-8	0.56-0.60	3/4	35.6	41.1	94.2	0.87
								Rubber Cable		2/4	23.9	29.0	93.5	0.83
								[S1BN8-F]		1/4	12.4	19.1	90.5	0.65

6-poles

575 V

60 Hz

3~

FG

Cooling jacket - premium efficiency

Installation type D/H/K

motor type efficiency class	motor rating P2 [hp]	max. temp. pum- ped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA I _s [A]		NEMA code letter	Qty.	cable size power + control cable type		Ø min - max [in]	motor data				
												load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
156UFG IE3	10	104	1172	9.92	70	H		1	AWG 15-12 Rubber Cable [S1BN8-F]	0.65-0.69		4/4	8.20	9.92	91.0	0.83
												3/4	6.21	8.00	90.0	0.78
												2/4	4.23	6.34	88.2	0.67
												1/4	2.22	5.06	84.0	0.44
156XFG IE3	10	104	1172	9.92	70	H		1	AWG 15-12 Rubber Cable [S1BN8-F]	0.65-0.69		4/4	8.20	9.92	91.0	0.83
												3/4	6.21	8.00	90.0	0.78
												2/4	4.23	6.34	88.2	0.67
												1/4	2.22	5.06	84.0	0.44
186UFG IE3	15	104	1171	14.8	106	H		1	AWG 15-12 Rubber Cable [S1BN8-F]	0.65-0.69		4/4	12.2	14.8	91.7	0.83
												3/4	9.2	11.9	90.7	0.78
												2/4	6.3	9.4	89.4	0.67
												1/4	3.3	7.5	85.6	0.44
186XFG IE3	15	104	1171	14.8	106	H		1	AWG 15-12 Rubber Cable [S1BN8-F]	0.65-0.69		4/4	12.2	14.8	91.7	0.83
												3/4	9.2	11.9	90.7	0.78
												2/4	6.3	9.4	89.4	0.67
												1/4	3.3	7.5	85.6	0.44
226UFG IE3	20	104	1175	19.9	142	H		1	AWG 13-12 Rubber Cable [S1BN8-F]	0.73-0.77		4/4	16.3	19.9	91.7	0.82
												3/4	12.2	15.9	91.5	0.77
												2/4	8.3	12.6	90.1	0.66
												1/4	4.4	10.6	84.4	0.42
226XFG IE3	20	104	1175	19.9	142	H		1	AWG 13-12 Rubber Cable [S1BN8-F]	0.73-0.77		4/4	16.3	19.9	91.7	0.82
												3/4	12.2	15.9	91.5	0.77
												2/4	8.3	12.6	90.1	0.66
												1/4	4.4	10.6	84.4	0.42
316UFG IE3	25	104	1190	22.6	178	H		2 +1	AWG 11-4 AWG 15-8 Rubber Cable [S1BN8-F]	0.49-0.53 0.56-0.60		4/4	20.1	22.6	93.0	0.89
												3/4	15.2	17.9	92.3	0.85
												2/4	10.2	13.3	91.4	0.77
												1/4	5.4	9.6	86.8	0.56
316XFG IE3	25	104	1190	22.6	178	H		2 +1	AWG 11-4 AWG 15-8 Rubber Cable [S1BN8-F]	0.49-0.53 0.56-0.60		4/4	20.1	22.6	93.0	0.89
												3/4	15.2	17.9	92.3	0.85
												2/4	10.2	13.3	91.4	0.77
												1/4	5.4	9.6	86.8	0.56
376UFG IE3	30	104	1189	27.0	212	H		2 +1	AWG 11-4 AWG 15-8 Rubber Cable [S1BN8-F]	0.49-0.53 0.56-0.60		4/4	23.9	27.0	93.6	0.89
												3/4	18.1	21.4	92.6	0.85
												2/4	12.2	15.8	91.9	0.77
												1/4	6.4	11.6	87.8	0.55
376XFG IE3	30	104	1189	27.0	212	H		2 +1	AWG 11-4 AWG 15-8 Rubber Cable [S1BN8-F]	0.49-0.53 0.56-0.60		4/4	23.9	27.0	93.6	0.89
												3/4	18.1	21.4	92.6	0.85
												2/4	12.2	15.8	91.9	0.77
												1/4	6.4	11.6	87.8	0.55
456UFG IE3	40	104	1189	35.8	282	H		2 +1	AWG 11-4 AWG 15-8 Rubber Cable [S1BN8-F]	0.49-0.53 0.56-0.60		4/4	31.7	35.8	94.1	0.89
												3/4	24.0	28.3	93.3	0.85
												2/4	16.1	21.0	92.8	0.77
												1/4	8.4	15.0	89.2	0.56

6-poles
575 V
60 Hz
3~
FG
Cooling jacket - premium efficiency
Installation type D/H/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2		n _n	I _n	I _s	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
	[hp]	[°F]	[rpm]	[A]	[A]									
456XFG	40	104	1189	35.8	282	H	2	AWG 11-4	0.49-0.53	4/4	31.7	35.8	94.1	0.89
IE3							+1	AWG 15-8	0.56-0.60	3/4	24.0	28.3	93.3	0.85
								Rubber Cable		2/4	16.1	21.0	92.8	0.77
								[S1BN8-F]		1/4	8.4	15.0	89.2	0.56
556UFG	50	104	1189	44.7	354	H	2	AWG 9-4	0.56-0.60	4/4	39.6	44.7	94.1	0.89
IE3							+1	AWG 15-8	0.56-0.60	3/4	29.9	35.0	93.5	0.86
								Rubber Cable		2/4	20.1	25.8	92.9	0.78
								[S1BN8-F]		1/4	10.4	18.3	89.8	0.57
556XFG	50	104	1189	44.7	354	H	2	AWG 9-4	0.56-0.60	4/4	39.6	44.7	94.1	0.89
IE3							+1	AWG 15-8	0.56-0.60	3/4	29.9	35.0	93.5	0.86
								Rubber Cable		2/4	20.1	25.8	92.9	0.78
								[S1BN8-F]		1/4	10.4	18.3	89.8	0.57

8-poles

575 V

60 Hz

3~

FG

Cooling jacket - premium efficiency

Installation type D/H/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
158UFG IE3	10	104	882	11.4	71	H	1	AWG 15-12	0.65-0.69	4/4	8.33	11.4	89.5	0.73
								Rubber Cable		3/4	6.30	9.8	88.8	0.65
								[S1BN8-F]		2/4	4.28	8.2	87.1	0.52
										1/4	2.33	7.3	80.1	0.32
158XFG IE3	10	104	882	11.4	71	H	1	AWG 15-12	0.65-0.69	4/4	8.33	11.4	89.5	0.73
								Rubber Cable		3/4	6.30	9.8	88.8	0.65
								[S1BN8-F]		2/4	4.28	8.2	87.1	0.52
										1/4	2.33	7.3	80.1	0.32
188UFG IE3	15	104	881	17.1	102	H	1	AWG 13-12	0.73-0.77	4/4	12.5	17.1	89.8	0.73
								Rubber Cable		3/4	9.3	14.2	89.9	0.66
								[S1BN8-F]		2/4	6.3	11.9	88.7	0.53
										1/4	3.4	10.2	82.9	0.33
188XFG IE3	15	104	881	17.1	102	H	1	AWG 13-12	0.73-0.77	4/4	12.5	17.1	89.8	0.73
								Rubber Cable		3/4	9.3	14.2	89.9	0.66
								[S1BN8-F]		2/4	6.3	11.9	88.7	0.53
										1/4	3.4	10.2	82.9	0.33
228UFG IE3	20	104	881	23.0	141	H	1	AWG 11-7+15-5	0.83-0.91	4/4	16.5	23.0	90.3	0.72
								Rubber Cable		3/4	12.4	19.1	90.5	0.65
								[S1BN8-F]		2/4	8.4	16.2	89.3	0.52
										1/4	4.5	14.4	83.7	0.31
228XFG IE3	20	104	881	23.0	141	H	1	AWG 11-7+15-5	0.83-0.91	4/4	16.5	23.0	90.3	0.72
								Rubber Cable		3/4	12.4	19.1	90.5	0.65
								[S1BN8-F]		2/4	8.4	16.2	89.3	0.52
										1/4	4.5	14.4	83.7	0.31
308UFG IE3	25	104	890	25.8	170	H	2 +1	AWG 11-4	0.49-0.53 0.56-0.60	4/4	20.5	25.8	91.0	0.80
								AWG 15-8		3/4	15.5	21.0	90.4	0.74
								Rubber Cable		2/4	10.5	17.0	89.0	0.62
								[S1BN8-F]		1/4	5.6	14.1	82.9	0.40
308XFG IE3	25	104	890	25.8	170	H	2 +1	AWG 11-4	0.49-0.53 0.56-0.60	4/4	20.5	25.8	91.0	0.80
								AWG 15-8		3/4	15.5	21.0	90.4	0.74
								Rubber Cable		2/4	10.5	17.0	89.0	0.62
								[S1BN8-F]		1/4	5.6	14.1	82.9	0.40
378UFG IE3	30	104	890	30.2	194	H	2 +1	AWG 11-4	0.49-0.53 0.56-0.60	4/4	24.4	30.2	91.7	0.81
								AWG 15-8		3/4	18.4	24.4	91.0	0.76
								Rubber Cable		2/4	12.4	19.2	89.9	0.65
								[S1BN8-F]		1/4	6.6	15.4	84.6	0.43
378XFG IE3	30	104	890	30.2	194	H	2 +1	AWG 11-4	0.49-0.53 0.56-0.60	4/4	24.4	30.2	91.7	0.81
								AWG 15-8		3/4	18.4	24.4	91.0	0.76
								Rubber Cable		2/4	12.4	19.2	89.9	0.65
								[S1BN8-F]		1/4	6.6	15.4	84.6	0.43
458UFG IE3	40	104	890	40.3	258	H	2 +1	AWG 9-4	0.56-0.60 0.56-0.60	4/4	32.5	40.3	91.7	0.81
								AWG 15-8		3/4	24.6	32.5	91.1	0.76
								Rubber Cable		2/4	16.6	25.7	89.8	0.65
								[S1BN8-F]		1/4	8.8	20.6	84.4	0.43

8-poles

575 V

60 Hz

3~

FG

Cooling jacket - premium efficiency

Installation type D/H/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
458XFG	40	104	890	40.3	258	H	2	AWG 9-4	0.56-0.60	4/4	32.5	40.3	91.7	0.81
IE3							+1	AWG 15-8	0.56-0.60	3/4	24.6	32.5	91.1	0.76
								Rubber Cable		2/4	16.6	25.7	89.8	0.65
								[S1BN8-F]		1/4	8.8	20.6	84.4	0.43

4-poles

380 V

60 Hz

3~

NG

Cooling jacket

Installation type D/K

motor type efficiency class	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
354UNG	40	104	1775	61.1	406	H	2	AWG 9-4	0.56-0.60	4/4	33.8	61.1	88.3	0.84
-							+1	AWG 15-10	0.63-0.67	3/4	25.7	48.2	87.2	0.81
-								Rubber Cable		2/4	17.7	36.9	84.2	0.73
-								[S1BN8-F]		1/4	9.9	28.0	75.1	0.54
354XNG	40	104	1775	61.1	406	H	2	AWG 9-4	0.56-0.60	4/4	33.8	61.1	88.3	0.84
-							+1	AWG 15-10	0.63-0.67	3/4	25.7	48.2	87.2	0.81
-								Rubber Cable		2/4	17.7	36.9	84.2	0.73
-								[S1BN8-F]		1/4	9.9	28.0	75.1	0.54
504UNG	56	104	1773	80.4	542	H	2	AWG 7-4	0.72-0.77	4/4	46.0	80.4	90.7	0.87
-							+1	AWG 15-10	0.63-0.67	3/4	34.7	62.0	90.3	0.85
-								Rubber Cable		2/4	23.4	45.5	89.3	0.78
-								[S1BN8-F]		1/4	12.6	31.8	83.0	0.60
504XNG	56	104	1773	80.4	542	H	2	AWG 7-4	0.72-0.77	4/4	46.0	80.4	90.7	0.87
-							+1	AWG 15-10	0.63-0.67	3/4	34.7	62.0	90.3	0.85
-								Rubber Cable		2/4	23.4	45.5	89.3	0.78
-								[S1BN8-F]		1/4	12.6	31.8	83.0	0.60
654UNG	74	104	1772	105	705	G	2	AWG 5-4	0.89-0.94	4/4	60.2	105	91.7	0.87
-							+1	AWG 15-10	0.63-0.67	3/4	45.3	80	91.4	0.86
-								Rubber Cable		2/4	30.6	58	90.1	0.80
-								[S1BN8-F]		1/4	16.4	40	84.1	0.62
654XNG	74	104	1772	105	705	G	2	AWG 5-4	0.89-0.94	4/4	60.2	105	91.7	0.87
-							+1	AWG 15-10	0.63-0.67	3/4	45.3	80	91.4	0.86
-								Rubber Cable		2/4	30.6	58	90.1	0.80
-								[S1BN8-F]		1/4	16.4	40	84.1	0.62
804UNG	100	104	1775	144	859	G	2	AWG 3-4	1.06-1.13	4/4	82.0	144	91.0	0.86
-							+1	AWG 15-10	0.63-0.67	3/4	61.7	111	90.6	0.84
-								Rubber Cable		2/4	41.9	85	89.0	0.75
-								[S1BN8-F]		1/4	22.5	63	82.7	0.54
804XNG	100	104	1775	144	859	G	2	AWG 3-4	1.06-1.13	4/4	82.0	144	91.0	0.86
-							+1	AWG 15-10	0.63-0.67	3/4	61.7	111	90.6	0.84
-								Rubber Cable		2/4	41.9	85	89.0	0.75
-								[S1BN8-F]		1/4	22.5	63	82.7	0.54
954UNG	121	104	1772	172	1012	F	2	AWG 1-4	1.19-1.27	4/4	98.3	172	91.8	0.87
-							+1	AWG 15-10	0.63-0.67	3/4	73.9	132	91.6	0.85
-								Rubber Cable		2/4	49.9	98	90.5	0.77
-								[S1BN8-F]		1/4	26.3	73	85.7	0.55
954XNG	121	104	1772	172	1012	F	2	AWG 1-4	1.19-1.27	4/4	98.3	172	91.8	0.87
-							+1	AWG 15-10	0.63-0.67	3/4	73.9	132	91.6	0.85
-								Rubber Cable		2/4	49.9	98	90.5	0.77
-								[S1BN8-F]		1/4	26.3	73	85.7	0.55
1104UNG	134	104	1764	189	1058	F	2	AWG 1-4	1.19-1.27	4/4	108	189	92.2	0.87
-							+1	AWG 15-10	0.63-0.67	3/4	82	145	92.0	0.85
-								Rubber Cable		2/4	55	102	91.5	0.82
-								[S1BN8-F]		1/4	28	65	88.0	0.66

4-poles
380 V
60 Hz
3~
NG
Cooling jacket
Installation type D/K

motor type efficiency class	motor rating P2 [hp]	max. temp. pump- ed media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA I _s [A]	NEMA code letter	cable size power + control cable			motor data				
							Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
1104XNG	134	104	1764	189	1058	F	2	AWG 1-4	1.19-1.27	4/4	108	189	92.2	0.87
-							+1	AWG 15-10	0.63-0.67	3/4	82	145	92.0	0.85
								Rubber Cable		2/4	55	102	91.5	0.82
								[S1BN8-F]		1/4	28	65	88.0	0.66
1304UNG	168	104	1778	224	1434	G	2	AWG 1/0-4	1.37-1.45	4/4	135	224	93.1	0.91
-							+1	AWG 15-10	0.63-0.67	3/4	101	172	92.9	0.89
								Rubber Cable		2/4	68	122	91.8	0.85
								[S1BN8-F]		1/4	36	81	86.0	0.68
1304XNG	168	104	1778	224	1434	G	2	AWG 1/0-4	1.37-1.45	4/4	135	224	93.1	0.91
-							+1	AWG 15-10	0.63-0.67	3/4	101	172	92.9	0.89
								Rubber Cable		2/4	68	122	91.8	0.85
								[S1BN8-F]		1/4	36	81	86.0	0.68
1554UNG	194	86	1780	258	1704	G	2	AWG 3/0-4	1.52-1.64	4/4	155	258	93.5	0.91
-							+1	AWG 15-10	0.63-0.67	3/4	116	199	93.3	0.89
								Rubber Cable		2/4	78	139	92.4	0.85
								[S1BN8-F]		1/4	41	92	87.8	0.68
1554XNG	194	86	1780	258	1704	G	2	AWG 3/0-4	1.52-1.64	4/4	155	258	93.5	0.91
-							+1	AWG 15-10	0.63-0.67	3/4	116	199	93.3	0.89
								Rubber Cable		2/4	78	139	92.4	0.85
								[S1BN8-F]		1/4	41	92	87.8	0.68
1754UNG	221	104	1780	293	1991	G	2	AWG 3/0-4	1.52-1.64	4/4	176	293	93.8	0.91
-							+1	AWG 15-10	0.63-0.67	3/4	132	226	93.6	0.89
								Rubber Cable		2/4	89	161	92.9	0.84
								[S1BN8-F]		1/4	46	105	88.8	0.67
1754XNG	221	104	1780	293	1991	G	2	AWG 3/0-4	1.52-1.64	4/4	176	293	93.8	0.91
-							+1	AWG 15-10	0.63-0.67	3/4	132	226	93.6	0.89
								Rubber Cable		2/4	89	161	92.9	0.84
								[S1BN8-F]		1/4	46	105	88.8	0.67
2004UNG	215	86	1789	282	2312	H	4	AWG 3-4	1.06-1.13	4/4	171	282	93.7	0.92
-							+1	AWG 15-10	0.63-0.67	3/4	129	218	93.3	0.90
								Rubber Cable		2/4	87	156	91.9	0.85
								[S1BN8-F]		1/4	46	103	86.8	0.68
2004XNG	215	86	1789	282	2312	H	4	AWG 3-4	1.06-1.13	4/4	171	282	93.7	0.92
-							+1	AWG 15-10	0.63-0.67	3/4	129	218	93.3	0.90
								Rubber Cable		2/4	87	156	91.9	0.85
								[S1BN8-F]		1/4	46	103	86.8	0.68
2504UNG	268	86	1790	351	2881	H	4	AWG 1-4	1.19-1.27	4/4	212	351	94.1	0.92
-							+1	AWG 15-10	0.63-0.67	3/4	160	270	93.8	0.90
								Rubber Cable		2/4	108	195	92.6	0.84
								[S1BN8-F]		1/4	57	128	88.0	0.67
2504XNG	268	86	1790	351	2881	H	4	AWG 1-4	1.19-1.27	4/4	212	351	94.1	0.92
-							+1	AWG 15-10	0.63-0.67	3/4	160	270	93.8	0.90
								Rubber Cable		2/4	108	195	92.6	0.84
								[S1BN8-F]		1/4	57	128	88.0	0.67

4-poles

380 V

60 Hz

3~

NG

Cooling jacket

Installation type D/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
3004UNG	322	86	1790	420	3547	J	4	AWG 1/0-4	1.37-1.45	4/4	254	420	94.5	0.92
-							+1	AWG 15-10	0.63-0.67	3/4	191	322	94.3	0.90
								Rubber Cable		2/4	129	234	93.1	0.84
								[S1BN8-F]		1/4	68	156	88.8	0.66
3004XNG	322	86	1790	420	3547	J	4	AWG 1/0-4	1.37-1.45	4/4	254	420	94.5	0.92
-							+1	AWG 15-10	0.63-0.67	3/4	191	322	94.3	0.90
								Rubber Cable		2/4	129	234	93.1	0.84
								[S1BN8-F]		1/4	68	156	88.8	0.66

6-poles
380 V
60 Hz
3~
NG
Cooling jacket
Installation type D/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2		n _n	I _n	I _s	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
	[hp]	[°F]	[rpm]	[A]	[A]									
326UNG	30	104	1183	49.6	294	H	2	AWG 11-4	0.49-0.53	4/4	25.8	49.6	86.7	0.79
-							+1	AWG 15-10	0.63-0.67	3/4	19.6	40.9	85.6	0.73
								Rubber Cable		2/4	13.6	32.7	82.5	0.63
								[S1BN8-F]		1/4	7.6	26.3	73.2	0.44
326XNG	30	104	1183	49.6	294	H	2	AWG 11-4	0.49-0.53	4/4	25.8	49.6	86.7	0.79
-							+1	AWG 15-10	0.63-0.67	3/4	19.6	40.9	85.6	0.73
								Rubber Cable		2/4	13.6	32.7	82.5	0.63
								[S1BN8-F]		1/4	7.6	26.3	73.2	0.44
406UNG	40	104	1182	65.9	421	H	2	AWG 7-4	0.72-0.77	4/4	34.3	65.9	87.1	0.79
-							+1	AWG 15-10	0.63-0.67	3/4	26.0	53.3	86.2	0.74
								Rubber Cable		2/4	18.0	42.6	83.1	0.64
								[S1BN8-F]		1/4	10.1	35.0	73.6	0.44
406XNG	40	104	1182	65.9	421	H	2	AWG 7-4	0.72-0.77	4/4	34.3	65.9	87.1	0.79
-							+1	AWG 15-10	0.63-0.67	3/4	26.0	53.3	86.2	0.74
								Rubber Cable		2/4	18.0	42.6	83.1	0.64
								[S1BN8-F]		1/4	10.1	35.0	73.6	0.44
506UNG	50	104	1185	73.6	523	H	2	AWG 7-4	0.72-0.77	4/4	42.1	73.6	88.5	0.87
-							+1	AWG 15-10	0.63-0.67	3/4	31.8	58.2	87.9	0.83
								Rubber Cable		2/4	21.8	44.1	85.7	0.75
								[S1BN8-F]		1/4	12.0	33.2	77.6	0.55
506XNG	50	104	1185	73.6	523	H	2	AWG 7-4	0.72-0.77	4/4	42.1	73.6	88.5	0.87
-							+1	AWG 15-10	0.63-0.67	3/4	31.8	58.2	87.9	0.83
								Rubber Cable		2/4	21.8	44.1	85.7	0.75
								[S1BN8-F]		1/4	12.0	33.2	77.6	0.55
606UNG	80	104	1179	113	653	F	2	AWG 5-4	0.89-0.94	4/4	65.8	113	90.7	0.88
-							+1	AWG 15-10	0.63-0.67	3/4	49.5	88	90.5	0.85
								Rubber Cable		2/4	33.2	65	90.0	0.78
								[S1BN8-F]		1/4	17.5	46	85.3	0.58
606XNG	80	104	1179	113	653	F	2	AWG 5-4	0.89-0.94	4/4	65.8	113	90.7	0.88
-							+1	AWG 15-10	0.63-0.67	3/4	49.5	88	90.5	0.85
								Rubber Cable		2/4	33.2	65	90.0	0.78
								[S1BN8-F]		1/4	17.5	46	85.3	0.58
806UNG	100	104	1179	143	824	F	2	AWG 3-4	1.06-1.13	4/4	82.2	143	90.7	0.87
-							+1	AWG 15-10	0.63-0.67	3/4	61.3	110	91.2	0.85
								Rubber Cable		2/4	41.2	82	90.5	0.76
								[S1BN8-F]		1/4	21.9	61	85.1	0.55
806XNG	100	104	1179	143	824	F	2	AWG 3-4	1.06-1.13	4/4	82.2	143	90.7	0.87
-							+1	AWG 15-10	0.63-0.67	3/4	61.3	110	91.2	0.85
								Rubber Cable		2/4	41.2	82	90.5	0.76
								[S1BN8-F]		1/4	21.9	61	85.1	0.55
1006UNG	121	104	1180	169	1014	F	2	AWG 1-4	1.19-1.27	4/4	98.6	169	91.6	0.88
-							+1	AWG 15-10	0.63-0.67	3/4	74.0	132	91.4	0.85
								Rubber Cable		2/4	50.0	97	90.2	0.78
								[S1BN8-F]		1/4	26.0	68	86.8	0.58

6-poles

380 V

60 Hz

3~

NG

Cooling jacket

Installation type D/K

motor type efficiency class	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
1006XNG	121	104	1180	169	1014	F	2	AWG 1-4	1.19-1.27	4/4	98.6	169	91.6	0.88
-							+1	AWG 15-10	0.63-0.67	3/4	74.0	132	91.4	0.85
-								Rubber Cable		2/4	50.0	97	90.2	0.78
-								[S1BN8-F]		1/4	26.0	68	86.8	0.58
1206UNG	161	104	1181	218	1254	F	2	AWG 1/0-4	1.37-1.45	4/4	130	218	92.6	0.90
-							+1	AWG 15-10	0.63-0.67	3/4	97	166	92.5	0.89
-								Rubber Cable		2/4	65	116	92.5	0.85
-								[S1BN8-F]		1/4	34	75	89.1	0.68
1206XNG	161	104	1181	218	1254	F	2	AWG 1/0-4	1.37-1.45	4/4	130	218	92.6	0.90
-							+1	AWG 15-10	0.63-0.67	3/4	97	166	92.5	0.89
-								Rubber Cable		2/4	65	116	92.5	0.85
-								[S1BN8-F]		1/4	34	75	89.1	0.68
1406UNG	188	104	1184	259	1737	G	2	AWG 3/0-4	1.52-1.64	4/4	150	259	93.4	0.88
-							+1	AWG 15-10	0.63-0.67	3/4	113	200	93.2	0.86
-								Rubber Cable		2/4	76	143	92.8	0.80
-								[S1BN8-F]		1/4	39	98	89.5	0.61
1406XNG	188	104	1184	259	1737	G	2	AWG 3/0-4	1.52-1.64	4/4	150	259	93.4	0.88
-							+1	AWG 15-10	0.63-0.67	3/4	113	200	93.2	0.86
-								Rubber Cable		2/4	76	143	92.8	0.80
-								[S1BN8-F]		1/4	39	98	89.5	0.61
1656UNG	215	104	1183	289	2225	H	2	AWG 3/0-4	1.52-1.64	4/4	172	289	93.4	0.90
-							+1	AWG 15-10	0.63-0.67	3/4	129	220	93.2	0.89
-								Rubber Cable		2/4	86	157	92.9	0.83
-								[S1BN8-F]		1/4	45	103	89.9	0.66
1656XNG	215	104	1183	289	2225	H	2	AWG 3/0-4	1.52-1.64	4/4	172	289	93.4	0.90
-							+1	AWG 15-10	0.63-0.67	3/4	129	220	93.2	0.89
-								Rubber Cable		2/4	86	157	92.9	0.83
-								[S1BN8-F]		1/4	45	103	89.9	0.66
1906UNG	228	104	1191	301	1994	G	2	AWG 3/0-4	1.52-1.64	4/4	181	301	93.8	0.91
-							+1	AWG 15-10	0.63-0.67	3/4	136	228	93.9	0.91
-								Rubber Cable		2/4	92	168	92.9	0.83
-								[S1BN8-F]		1/4	48	121	88.0	0.61
1906XNG	228	104	1191	301	1994	G	2	AWG 3/0-4	1.52-1.64	4/4	181	301	93.8	0.91
-							+1	AWG 15-10	0.63-0.67	3/4	136	228	93.9	0.91
-								Rubber Cable		2/4	92	168	92.9	0.83
-								[S1BN8-F]		1/4	48	121	88.0	0.61
2256UNG	268	104	1191	360	2545	G	4	AWG 1-4	1.19-1.27	4/4	212	360	94.4	0.89
-							+1	AWG 15-10	0.63-0.67	3/4	159	277	94.2	0.87
-								Rubber Cable		2/4	107	207	93.0	0.79
-								[S1BN8-F]		1/4	57	145	88.3	0.59
2256XNG	268	104	1191	360	2545	G	4	AWG 1-4	1.19-1.27	4/4	212	360	94.4	0.89
-							+1	AWG 15-10	0.63-0.67	3/4	159	277	94.2	0.87
-								Rubber Cable		2/4	107	207	93.0	0.79
-								[S1BN8-F]		1/4	57	145	88.3	0.59

6-poles
380 V
60 Hz
3~
NG
Cooling jacket
Installation type D/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2		n _n	I _n	I _s	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
	[hp]	[°F]	[rpm]	[A]	[A]									
2606UNG	315	104	1194	422	2847	G	4	AWG 1/0-4	1.37-1.45	4/4	249	422	94.2	0.90
-							+1	AWG 15-10	0.63-0.67	3/4	188	330	93.9	0.86
-								Rubber Cable		2/4	127	251	92.8	0.77
-								[S1BN8-F]		1/4	66	182	88.8	0.55
2606XNG	315	104	1194	422	2847	G	4	AWG 1/0-4	1.37-1.45	4/4	249	422	94.2	0.90
-							+1	AWG 15-10	0.63-0.67	3/4	188	330	93.9	0.86
-								Rubber Cable		2/4	127	251	92.8	0.77
-								[S1BN8-F]		1/4	66	182	88.8	0.55
3206UNG	389	104	1191	515	3461	G	6	AWG 1-4	1.19-1.27	4/4	305	515	95.0	0.90
-							+1	AWG 15-10	0.63-0.67	3/4	229	389	94.9	0.90
-								Rubber Cable		2/4	154	283	93.9	0.83
-								[S1BN8-F]		1/4	81	200	89.6	0.62
3206XNG	389	104	1191	515	3461	G	6	AWG 1-4	1.19-1.27	4/4	305	515	95.0	0.90
-							+1	AWG 15-10	0.63-0.67	3/4	229	389	94.9	0.90
-								Rubber Cable		2/4	154	283	93.9	0.83
-								[S1BN8-F]		1/4	81	200	89.6	0.62
3606UNG	436	104	1193	573	4231	H	6	AWG 1-4	1.19-1.27	4/4	341	573	95.3	0.91
-							+1	AWG 15-10	0.63-0.67	3/4	256	432	95.4	0.90
-								Rubber Cable		2/4	172	318	94.6	0.82
-								[S1BN8-F]		1/4	90	231	90.4	0.59
3606XNG	436	104	1193	573	4231	H	6	AWG 1-4	1.19-1.27	4/4	341	573	95.3	0.91
-							+1	AWG 15-10	0.63-0.67	3/4	256	432	95.4	0.90
-								Rubber Cable		2/4	172	318	94.6	0.82
-								[S1BN8-F]		1/4	90	231	90.4	0.59
4006UNG	483	104	1195	649	5172	H	6	AWG 1/0-4	1.37-1.45	4/4	379	649	95.0	0.89
-							+1	AWG 15-10	0.63-0.67	3/4	286	514	94.5	0.84
-								Rubber Cable		2/4	193	399	93.2	0.74
-								[S1BN8-F]		1/4	101	301	88.9	0.51
4006XNG	483	104	1195	649	5172	H	6	AWG 1/0-4	1.37-1.45	4/4	379	649	95.0	0.89
-							+1	AWG 15-10	0.63-0.67	3/4	286	514	94.5	0.84
-								Rubber Cable		2/4	193	399	93.2	0.74
-								[S1BN8-F]		1/4	101	301	88.9	0.51
4406UNG	536	104	1194	694	749	A	6	AWG 1/0-4	1.37-1.45	4/4	420	694	95.2	0.92
-							+1	AWG 15-10	0.63-0.67	3/4	315	531	95.1	0.90
-								Rubber Cable		2/4	211	381	94.7	0.84
-								[S1BN8-F]		1/4	109	251	91.6	0.66
4406XNG	536	104	1194	694	749	A	6	AWG 1/0-4	1.37-1.45	4/4	420	694	95.2	0.92
-							+1	AWG 15-10	0.63-0.67	3/4	315	531	95.1	0.90
-								Rubber Cable		2/4	211	381	94.7	0.84
-								[S1BN8-F]		1/4	109	251	91.6	0.66
4806UNG	590	104	1194	790	6265	H	6	AWG 3/0-4	1.52-1.64	4/4	465	790	94.6	0.89
-							+1	AWG 15-10	0.63-0.67	3/4	352	622	93.8	0.86
-								Rubber Cable		2/4	239	481	92.2	0.75
-								[S1BN8-F]		1/4	126	364	87.2	0.53

6-poles

380 V

60 Hz

3~

NG

Cooling jacket

Installation type D/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
4806XNG	590	104	1194	790	6265	H	6	AWG 3/0-4	1.52-1.64	4/4	465	790	94.6	0.89
-							+1	AWG 15-10	0.63-0.67	3/4	352	622	93.8	0.86
								Rubber Cable		2/4	239	481	92.2	0.75
								[S1BN8-F]		1/4	126	364	87.2	0.53

8-poles
380 V
60 Hz
3~
NG
Cooling jacket
Installation type D/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
268UNG	30	104	885	53.4	253	F	2	AWG 9-4	0.56-0.60	4/4	26.0	53.4	86.1	0.74
-							+1	AWG 15-10	0.63-0.67	3/4	19.8	44.2	84.8	0.68
-								Rubber Cable		2/4	13.7	36.4	81.7	0.57
-								[S1BN8-F]		1/4	7.8	32.0	72.0	0.37
268XNG	30	104	885	53.4	253	F	2	AWG 9-4	0.56-0.60	4/4	26.0	53.4	86.1	0.74
-							+1	AWG 15-10	0.63-0.67	3/4	19.8	44.2	84.8	0.68
-								Rubber Cable		2/4	13.7	36.4	81.7	0.57
-								[S1BN8-F]		1/4	7.8	32.0	72.0	0.37
358UNG	40	104	885	63.6	330	F	2	AWG 7-4	0.72-0.77	4/4	34.3	63.6	86.9	0.82
-							+1	AWG 15-10	0.63-0.67	3/4	25.8	51.0	86.6	0.77
-								Rubber Cable		2/4	17.7	40.1	84.4	0.67
-								[S1BN8-F]		1/4	9.8	31.6	76.3	0.47
358XNG	40	104	885	63.6	330	F	2	AWG 7-4	0.72-0.77	4/4	34.3	63.6	86.9	0.82
-							+1	AWG 15-10	0.63-0.67	3/4	25.8	51.0	86.6	0.77
-								Rubber Cable		2/4	17.7	40.1	84.4	0.67
-								[S1BN8-F]		1/4	9.8	31.6	76.3	0.47
508UNG	67	104	885	108	562	F	2	AWG 5-4	0.89-0.94	4/4	55.8	108	89.5	0.78
-							+1	AWG 15-10	0.63-0.67	3/4	42.0	88	89.3	0.72
-								Rubber Cable		2/4	28.4	71	88.1	0.60
-								[S1BN8-F]		1/4	15.3	61	81.6	0.38
508XNG	67	104	885	108	562	F	2	AWG 5-4	0.89-0.94	4/4	55.8	108	89.5	0.78
-							+1	AWG 15-10	0.63-0.67	3/4	42.0	88	89.3	0.72
-								Rubber Cable		2/4	28.4	71	88.1	0.60
-								[S1BN8-F]		1/4	15.3	61	81.6	0.38
758UNG	100	104	883	159	843	F	2	AWG 3-4	1.06-1.13	4/4	82.4	159	90.5	0.79
-							+1	AWG 15-10	0.63-0.67	3/4	62.0	128	90.3	0.73
-								Rubber Cable		2/4	41.5	103	89.8	0.61
-								[S1BN8-F]		1/4	22.2	86	84.0	0.39
758XNG	100	104	883	159	843	F	2	AWG 3-4	1.06-1.13	4/4	82.4	159	90.5	0.79
-							+1	AWG 15-10	0.63-0.67	3/4	62.0	128	90.3	0.73
-								Rubber Cable		2/4	41.5	103	89.8	0.61
-								[S1BN8-F]		1/4	22.2	86	84.0	0.39
908UNG	121	104	890	188	1071	G	2	AWG 1-4	1.19-1.27	4/4	98.4	188	91.7	0.80
-							+1	AWG 15-10	0.63-0.67	3/4	73.9	153	91.6	0.74
-								Rubber Cable		2/4	49.9	123	90.4	0.61
-								[S1BN8-F]		1/4	26.4	100	85.4	0.40
908XNG	121	104	890	188	1071	G	2	AWG 1-4	1.19-1.27	4/4	98.4	188	91.7	0.80
-							+1	AWG 15-10	0.63-0.67	3/4	73.9	153	91.6	0.74
-								Rubber Cable		2/4	49.9	123	90.4	0.61
-								[S1BN8-F]		1/4	26.4	100	85.4	0.40
1108UNG	148	104	890	230	1324	G	2	AWG 1/0-4	1.37-1.45	4/4	119	230	92.4	0.79
-							+1	AWG 15-10	0.63-0.67	3/4	90	188	91.9	0.73
-								Rubber Cable		2/4	61	153	90.9	0.60
-								[S1BN8-F]		1/4	32	126	86.0	0.39

8-poles

380 V

60 Hz

3~

NG

Cooling jacket

Installation type D/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
1108XNG	148	104	890	230	1324	G	2	AWG 1/0-4	1.37-1.45	4/4	119	230	92.4	0.79
-							+1	AWG 15-10	0.63-0.67	3/4	90	188	91.9	0.73
-								Rubber Cable		2/4	61	153	90.9	0.60
-								[S1BN8-F]		1/4	32	126	86.0	0.39
1308UNG	174	104	890	265	1482	G	2	AWG 3/0-4	1.52-1.64	4/4	140	265	92.7	0.80
-							+1	AWG 15-10	0.63-0.67	3/4	105	211	92.7	0.76
-								Rubber Cable		2/4	71	166	91.6	0.65
-								[S1BN8-F]		1/4	37	133	87.2	0.42
1308XNG	174	104	890	265	1482	G	2	AWG 3/0-4	1.52-1.64	4/4	140	265	92.7	0.80
-							+1	AWG 15-10	0.63-0.67	3/4	105	211	92.7	0.76
-								Rubber Cable		2/4	71	166	91.6	0.65
-								[S1BN8-F]		1/4	37	133	87.2	0.42
1508UNG	200	104	895	299	1809	G	2	AWG 3/0-4	1.52-1.64	4/4	159	299	93.6	0.81
-							+1	AWG 15-10	0.63-0.67	3/4	120	240	93.2	0.76
-								Rubber Cable		2/4	81	189	92.1	0.65
-								[S1BN8-F]		1/4	43	156	86.7	0.42
1508XNG	200	104	895	299	1809	G	2	AWG 3/0-4	1.52-1.64	4/4	159	299	93.6	0.81
-							+1	AWG 15-10	0.63-0.67	3/4	120	240	93.2	0.76
-								Rubber Cable		2/4	81	189	92.1	0.65
-								[S1BN8-F]		1/4	43	156	86.7	0.42
1858UNG	235	104	895	358	2298	H	4	AWG 1-4	1.19-1.27	4/4	187	358	93.8	0.79
-							+1	AWG 15-10	0.63-0.67	3/4	140	291	93.7	0.73
-								Rubber Cable		2/4	95	236	92.3	0.61
-								[S1BN8-F]		1/4	51	194	86.6	0.40
1858XNG	235	104	895	358	2298	H	4	AWG 1-4	1.19-1.27	4/4	187	358	93.8	0.79
-							+1	AWG 15-10	0.63-0.67	3/4	140	291	93.7	0.73
-								Rubber Cable		2/4	95	236	92.3	0.61
-								[S1BN8-F]		1/4	51	194	86.6	0.40
2208UNG	268	104	895	389	2364	G	4	AWG 1-4	1.19-1.27	4/4	213	389	93.7	0.83
-							+1	AWG 15-10	0.63-0.67	3/4	161	311	93.1	0.79
-								Rubber Cable		2/4	109	249	91.6	0.66
-								[S1BN8-F]		1/4	58	201	86.7	0.44
2208XNG	268	104	895	389	2364	G	4	AWG 1-4	1.19-1.27	4/4	213	389	93.7	0.83
-							+1	AWG 15-10	0.63-0.67	3/4	161	311	93.1	0.79
-								Rubber Cable		2/4	109	249	91.6	0.66
-								[S1BN8-F]		1/4	58	201	86.7	0.44
2608UNG	335	104	895	505	3148	G	4	AWG 3/0-4	1.52-1.64	4/4	265	505	94.3	0.80
-							+1	AWG 15-10	0.63-0.67	3/4	200	414	93.8	0.73
-								Rubber Cable		2/4	134	324	93.4	0.63
-								[S1BN8-F]		1/4	71	268	88.3	0.40
2608XNG	335	104	895	505	3148	G	4	AWG 3/0-4	1.52-1.64	4/4	265	505	94.3	0.80
-							+1	AWG 15-10	0.63-0.67	3/4	200	414	93.8	0.73
-								Rubber Cable		2/4	134	324	93.4	0.63
-								[S1BN8-F]		1/4	71	268	88.3	0.40

8-poles
380 V
60 Hz
3~
NG
Cooling jacket
Installation type D/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2		n _n	I _n	I _s	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
	[hp]	[°F]	[rpm]	[A]	[A]									
3008UNG	389	104	896	586	3812	H	6	AWG 1-4	1.19-1.27	4/4	309	586	93.8	0.80
-							+1	AWG 15-10	0.63-0.67	3/4	234	478	93.1	0.74
								Rubber Cable		2/4	158	386	92.0	0.62
								[S1BN8-F]		1/4	84	312	86.1	0.41
3008XNG	389	104	896	586	3812	H	6	AWG 1-4	1.19-1.27	4/4	309	586	93.8	0.80
-							+1	AWG 15-10	0.63-0.67	3/4	234	478	93.1	0.74
								Rubber Cable		2/4	158	386	92.0	0.62
								[S1BN8-F]		1/4	84	312	86.1	0.41
3508UNG	436	104	896	629	4121	G	6	AWG 1/0-4	1.37-1.45	4/4	343	629	94.9	0.83
-							+1	AWG 15-10	0.63-0.67	3/4	259	504	94.3	0.78
								Rubber Cable		2/4	173	391	94.0	0.67
								[S1BN8-F]		1/4	91	311	89.7	0.44
3508XNG	436	104	896	629	4121	G	6	AWG 1/0-4	1.37-1.45	4/4	343	629	94.9	0.83
-							+1	AWG 15-10	0.63-0.67	3/4	259	504	94.3	0.78
								Rubber Cable		2/4	173	391	94.0	0.67
								[S1BN8-F]		1/4	91	311	89.7	0.44
4008UNG	483	104	895	703	4780	H	6	AWG 1/0-4	1.37-1.45	4/4	378	703	95.2	0.82
-							+1	AWG 15-10	0.63-0.67	3/4	284	564	95.2	0.76
								Rubber Cable		2/4	191	449	94.2	0.65
								[S1BN8-F]		1/4	100	358	89.8	0.43
4008XNG	483	104	895	703	4780	H	6	AWG 1/0-4	1.37-1.45	4/4	378	703	95.2	0.82
-							+1	AWG 15-10	0.63-0.67	3/4	284	564	95.2	0.76
								Rubber Cable		2/4	191	449	94.2	0.65
								[S1BN8-F]		1/4	100	358	89.8	0.43

10-poles

380 V

60 Hz

3~

NG

Cooling jacket

Installation type D/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
4010UNG	50	104	711	87.8	513	H	2	AWG 5-4	0.89-0.94	4/4	41.8	87.8	89.3	0.72
							+1	AWG 15-10	0.63-0.67	3/4	31.3	69.6	89.4	0.68
								Rubber Cable		2/4	21.4	58.8	87.0	0.55
								[S1BN8-F]		1/4	11.8	51.3	79.0	0.35
4010XNG	50	104	711	87.8	513	H	2	AWG 5-4	0.89-0.94	4/4	41.8	87.8	89.3	0.72
							+1	AWG 15-10	0.63-0.67	3/4	31.3	69.6	89.4	0.68
								Rubber Cable		2/4	21.4	58.8	87.0	0.55
								[S1BN8-F]		1/4	11.8	51.3	79.0	0.35
6010UNG	80	104	710	138	758	G	2	AWG 3-4	1.06-1.13	4/4	66.5	138	89.7	0.73
							+1	AWG 15-10	0.63-0.67	3/4	50.4	116	88.8	0.66
								Rubber Cable		2/4	34.4	100	86.6	0.52
								[S1BN8-F]		1/4	18.8	88	79.3	0.32
6010XNG	80	104	710	138	758	G	2	AWG 3-4	1.06-1.13	4/4	66.5	138	89.7	0.73
							+1	AWG 15-10	0.63-0.67	3/4	50.4	116	88.8	0.66
								Rubber Cable		2/4	34.4	100	86.6	0.52
								[S1BN8-F]		1/4	18.8	88	79.3	0.32
7510UNG	100	104	707	161	805	F	2	AWG 3-4	1.06-1.13	4/4	81.8	161	91.2	0.77
							+1	AWG 15-10	0.63-0.67	3/4	61.4	131	91.1	0.71
								Rubber Cable		2/4	41.4	107	90.2	0.59
								[S1BN8-F]		1/4	21.9	90	85.1	0.37
7510XNG	100	104	707	161	805	F	2	AWG 3-4	1.06-1.13	4/4	81.8	161	91.2	0.77
							+1	AWG 15-10	0.63-0.67	3/4	61.4	131	91.1	0.71
								Rubber Cable		2/4	41.4	107	90.2	0.59
								[S1BN8-F]		1/4	21.9	90	85.1	0.37
9010UNG	121	104	710	202	1070	G	2	AWG 1/0-4	1.37-1.45	4/4	98.9	202	91.2	0.74
							+1	AWG 15-10	0.63-0.67	3/4	74.3	169	91.1	0.67
								Rubber Cable		2/4	50.1	139	90.0	0.55
								[S1BN8-F]		1/4	26.7	121	84.5	0.34
9010XNG	121	104	710	202	1070	G	2	AWG 1/0-4	1.37-1.45	4/4	98.9	202	91.2	0.74
							+1	AWG 15-10	0.63-0.67	3/4	74.3	169	91.1	0.67
								Rubber Cable		2/4	50.1	139	90.0	0.55
								[S1BN8-F]		1/4	26.7	121	84.5	0.34
11010UNG	148	104	715	241	1393	G	2	AWG 1/0-4	1.37-1.45	4/4	119	241	92.4	0.75
							+1	AWG 15-10	0.63-0.67	3/4	90	194	92.1	0.71
								Rubber Cable		2/4	61	160	90.5	0.58
								[S1BN8-F]		1/4	33	139	84.1	0.36
11010XNG	148	104	715	241	1393	G	2	AWG 1/0-4	1.37-1.45	4/4	119	241	92.4	0.75
							+1	AWG 15-10	0.63-0.67	3/4	90	194	92.1	0.71
								Rubber Cable		2/4	61	160	90.5	0.58
								[S1BN8-F]		1/4	33	139	84.1	0.36
15010UNG	200	104	715	320	1836	G	4	AWG 3-4	1.06-1.13	4/4	160	320	93.2	0.76
							+1	AWG 15-10	0.63-0.67	3/4	121	259	92.4	0.71
								Rubber Cable		2/4	81	212	92.1	0.58
								[S1BN8-F]		1/4	43	177	86.7	0.37

10-poles
380 V
60 Hz
3~
NG
Cooling jacket
Installation type D/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
15010XNG	200	104	715	320	1836	G	4 +1	AWG 3-4	1.06-1.13	4/4	160	320	93.2	0.76
								AWG 15-10	0.63-0.67	3/4	121	259	92.4	0.71
								Rubber Cable		2/4	81	212	92.1	0.58
								[S1BN8-F]		1/4	43	177	86.7	0.37
19010UNG	235	104	714	389	2424	H	4 +1	AWG 1-4	1.19-1.27	4/4	188	389	93.3	0.73
								AWG 15-10	0.63-0.67	3/4	141	323	93.1	0.66
								Rubber Cable		2/4	96	277	91.7	0.52
								[S1BN8-F]		1/4	51	249	85.6	0.31
19010XNG	235	104	714	389	2424	H	4 +1	AWG 1-4	1.19-1.27	4/4	188	389	93.3	0.73
								AWG 15-10	0.63-0.67	3/4	141	323	93.1	0.66
								Rubber Cable		2/4	96	277	91.7	0.52
								[S1BN8-F]		1/4	51	249	85.6	0.31
23010UNG	310	104	713	468	2832	G	4 +1	AWG 1/0-4	1.37-1.45	4/4	249	468	92.8	0.81
								AWG 15-10	0.63-0.67	3/4	188	375	92.5	0.76
								Rubber Cable		2/4	126	295	91.6	0.65
								[S1BN8-F]		1/4	66	229	87.4	0.44
23010XNG	310	104	713	468	2832	G	4 +1	AWG 1/0-4	1.37-1.45	4/4	249	468	92.8	0.81
								AWG 15-10	0.63-0.67	3/4	188	375	92.5	0.76
								Rubber Cable		2/4	126	295	91.6	0.65
								[S1BN8-F]		1/4	66	229	87.4	0.44
27010UNG	361	104	713	534	3295	G	6 +1	AWG 1-4	1.19-1.27	4/4	288	534	93.5	0.82
								AWG 15-10	0.63-0.67	3/4	216	426	93.4	0.77
								Rubber Cable		2/4	145	334	92.7	0.66
								[S1BN8-F]		1/4	76	268	88.9	0.43
27010XNG	361	104	713	534	3295	G	6 +1	AWG 1-4	1.19-1.27	4/4	288	534	93.5	0.82
								AWG 15-10	0.63-0.67	3/4	216	426	93.4	0.77
								Rubber Cable		2/4	145	334	92.7	0.66
								[S1BN8-F]		1/4	76	268	88.9	0.43
31010UNG	415	104	714	614	3779	G	6 +1	AWG 1/0-4	1.37-1.45	4/4	332	614	93.4	0.82
								AWG 15-10	0.63-0.67	3/4	249	490	93.3	0.77
								Rubber Cable		2/4	167	385	92.5	0.66
								[S1BN8-F]		1/4	87	300	88.8	0.44
31010XNG	415	104	714	614	3779	G	6 +1	AWG 1/0-4	1.37-1.45	4/4	332	614	93.4	0.82
								AWG 15-10	0.63-0.67	3/4	249	490	93.3	0.77
								Rubber Cable		2/4	167	385	92.5	0.66
								[S1BN8-F]		1/4	87	300	88.8	0.44
35010UNG	456	104	713	683	4154	G	6 +1	AWG 1/0-4	1.37-1.45	4/4	362	683	93.9	0.81
								AWG 15-10	0.63-0.67	3/4	271	545	94.0	0.76
								Rubber Cable		2/4	183	433	93.1	0.64
								[S1BN8-F]		1/4	96	346	88.7	0.42
35010XNG	456	104	713	683	4154	G	6 +1	AWG 1/0-4	1.37-1.45	4/4	362	683	93.9	0.81
								AWG 15-10	0.63-0.67	3/4	271	545	94.0	0.76
								Rubber Cable		2/4	183	433	93.1	0.64
								[S1BN8-F]		1/4	96	346	88.7	0.42

12-poles

380 V

60 Hz

3~

NG

Cooling jacket

Installation type D/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
19512UNG	260	104	595	455	2487	H	4	AWG 1/0-4	1.37-1.45	4/4	210	455	92.5	0.70
							+1	AWG 15-10	0.63-0.67	3/4	158	380	92.3	0.63
								Rubber Cable		2/4	106	322	91.5	0.50
								[S1BN8-F]		1/4	56	283	86.6	0.30
19512XNG	260	104	595	455	2487	H	4	AWG 1/0-4	1.37-1.45	4/4	210	455	92.5	0.70
							+1	AWG 15-10	0.63-0.67	3/4	158	380	92.3	0.63
								Rubber Cable		2/4	106	322	91.5	0.50
								[S1BN8-F]		1/4	56	283	86.6	0.30
23012UNG	295	104	594	500	2724	G	6	AWG 1-4	1.19-1.27	4/4	237	500	92.9	0.72
							+1	AWG 15-10	0.63-0.67	3/4	178	416	92.7	0.65
								Rubber Cable		2/4	120	352	91.4	0.52
								[S1BN8-F]		1/4	64	305	85.8	0.32
23012XNG	295	104	594	500	2724	G	6	AWG 1-4	1.19-1.27	4/4	237	500	92.9	0.72
							+1	AWG 15-10	0.63-0.67	3/4	178	416	92.7	0.65
								Rubber Cable		2/4	120	352	91.4	0.52
								[S1BN8-F]		1/4	64	305	85.8	0.32
26512UNG	335	104	594	567	3150	G	6	AWG 1-4	1.19-1.27	4/4	268	567	93.2	0.72
							+1	AWG 15-10	0.63-0.67	3/4	201	475	93.1	0.64
								Rubber Cable		2/4	136	401	91.8	0.52
								[S1BN8-F]		1/4	72	345	86.3	0.32
26512XNG	335	104	594	567	3150	G	6	AWG 1-4	1.19-1.27	4/4	268	567	93.2	0.72
							+1	AWG 15-10	0.63-0.67	3/4	201	475	93.1	0.64
								Rubber Cable		2/4	136	401	91.8	0.52
								[S1BN8-F]		1/4	72	345	86.3	0.32
30012UNG	375	104	595	652	3810	H	6	AWG 1/0-4	1.37-1.45	4/4	299	652	93.5	0.70
							+1	AWG 15-10	0.63-0.67	3/4	226	557	93.0	0.62
								Rubber Cable		2/4	153	477	91.4	0.49
								[S1BN8-F]		1/4	82	412	85.6	0.30
30012XNG	375	104	595	652	3810	H	6	AWG 1/0-4	1.37-1.45	4/4	299	652	93.5	0.70
							+1	AWG 15-10	0.63-0.67	3/4	226	557	93.0	0.62
								Rubber Cable		2/4	153	477	91.4	0.49
								[S1BN8-F]		1/4	82	412	85.6	0.30

4-poles
460 V
60 Hz
3~
NG
Cooling jacket
Installation type D/K

motor type efficiency class	motor rating P2 [hp]	max. temp. pumped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA I _s [A]	NEMA code letter	cable size power + control cable			motor data				
							Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
354UNG -	40	104	1775	50.5	335	H	2 +1	AWG 9-4	0.56-0.60	4/4	33.8	50.5	88.3	0.84
								AWG 15-10	0.63-0.67	3/4	25.7	39.8	87.2	0.81
								Rubber Cable		2/4	17.7	30.5	84.2	0.73
								[S1BN8-F]		1/4	9.9	23.1	75.1	0.54
354XNG -	40	104	1775	50.5	335	H	2 +1	AWG 9-4	0.56-0.60	4/4	33.8	50.5	88.3	0.84
								AWG 15-10	0.63-0.67	3/4	25.7	39.8	87.2	0.81
								Rubber Cable		2/4	17.7	30.5	84.2	0.73
								[S1BN8-F]		1/4	9.9	23.1	75.1	0.54
504UNG -	56	104	1773	66.4	448	H	2 +1	AWG 7-4	0.72-0.77	4/4	46.0	66.4	90.7	0.87
								AWG 15-10	0.63-0.67	3/4	34.7	51.2	90.3	0.85
								Rubber Cable		2/4	23.4	37.6	89.3	0.78
								[S1BN8-F]		1/4	12.6	26.3	83.0	0.60
504XNG -	56	104	1773	66.4	448	H	2 +1	AWG 7-4	0.72-0.77	4/4	46.0	66.4	90.7	0.87
								AWG 15-10	0.63-0.67	3/4	34.7	51.2	90.3	0.85
								Rubber Cable		2/4	23.4	37.6	89.3	0.78
								[S1BN8-F]		1/4	12.6	26.3	83.0	0.60
654UNG -	74	104	1772	86.8	582	G	2 +1	AWG 7-4	0.72-0.77	4/4	60.2	86.8	91.7	0.87
								AWG 15-10	0.63-0.67	3/4	45.3	66.1	91.4	0.86
								Rubber Cable		2/4	30.6	48.0	90.1	0.80
								[S1BN8-F]		1/4	16.4	33.2	84.1	0.62
654XNG -	74	104	1772	86.8	582	G	2 +1	AWG 7-4	0.72-0.77	4/4	60.2	86.8	91.7	0.87
								AWG 15-10	0.63-0.67	3/4	45.3	66.1	91.4	0.86
								Rubber Cable		2/4	30.6	48.0	90.1	0.80
								[S1BN8-F]		1/4	16.4	33.2	84.1	0.62
804UNG -	100	104	1775	119	710	G	2 +1	AWG 5-4	0.89-0.94	4/4	82.0	119	91.0	0.86
								AWG 15-10	0.63-0.67	3/4	61.7	92	90.6	0.84
								Rubber Cable		2/4	41.9	70	89.0	0.75
								[S1BN8-F]		1/4	22.5	52	82.7	0.54
804XNG -	100	104	1775	119	710	G	2 +1	AWG 5-4	0.89-0.94	4/4	82.0	119	91.0	0.86
								AWG 15-10	0.63-0.67	3/4	61.7	92	90.6	0.84
								Rubber Cable		2/4	41.9	70	89.0	0.75
								[S1BN8-F]		1/4	22.5	52	82.7	0.54
954UNG -	121	104	1772	142	835	F	2 +1	AWG 3-4	1.06-1.13	4/4	98.3	142	91.8	0.87
								AWG 15-10	0.63-0.67	3/4	73.9	109	91.6	0.85
								Rubber Cable		2/4	49.9	81	90.5	0.77
								[S1BN8-F]		1/4	26.3	60	85.7	0.55
954XNG -	121	104	1772	142	835	F	2 +1	AWG 3-4	1.06-1.13	4/4	98.3	142	91.8	0.87
								AWG 15-10	0.63-0.67	3/4	73.9	109	91.6	0.85
								Rubber Cable		2/4	49.9	81	90.5	0.77
								[S1BN8-F]		1/4	26.3	60	85.7	0.55
1104UNG -	134	104	1764	156	873	F	2 +1	AWG 3-4	1.06-1.13	4/4	108	156	92.2	0.87
								AWG 15-10	0.63-0.67	3/4	82	120	92.0	0.85
								Rubber Cable		2/4	55	84	91.5	0.82
								[S1BN8-F]		1/4	28	54	88.0	0.66

4-poles

460 V

60 Hz

3~

NG

Cooling jacket

Installation type D/K

motor type efficiency class	motor rating P2 [hp]	max. temp. pump- ed media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA		cable size power + control cable			motor data				
					I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
1104XNG	134	104	1764	156	873	F	2	AWG 3-4	1.06-1.13	4/4	108	156	92.2	0.87
-							+1	AWG 15-10	0.63-0.67	3/4	82	120	92.0	0.85
-								Rubber Cable		2/4	55	84	91.5	0.82
-								[S1BN8-F]		1/4	28	54	88.0	0.66
1304UNG	168	104	1778	185	1185	G	2	AWG 1-4	1.19-1.27	4/4	135	185	93.1	0.91
-							+1	AWG 15-10	0.63-0.67	3/4	101	142	92.9	0.89
-								Rubber Cable		2/4	68	101	91.8	0.85
-								[S1BN8-F]		1/4	36	67	86.0	0.68
1304XNG	168	104	1778	185	1185	G	2	AWG 1-4	1.19-1.27	4/4	135	185	93.1	0.91
-							+1	AWG 15-10	0.63-0.67	3/4	101	142	92.9	0.89
-								Rubber Cable		2/4	68	101	91.8	0.85
-								[S1BN8-F]		1/4	36	67	86.0	0.68
1554UNG	194	86	1780	213	1407	G	2	AWG 1/0-4	1.37-1.45	4/4	155	213	93.5	0.91
-							+1	AWG 15-10	0.63-0.67	3/4	116	164	93.3	0.89
-								Rubber Cable		2/4	78	115	92.4	0.85
-								[S1BN8-F]		1/4	41	76	87.8	0.68
1554XNG	194	86	1780	213	1407	G	2	AWG 1/0-4	1.37-1.45	4/4	155	213	93.5	0.91
-							+1	AWG 15-10	0.63-0.67	3/4	116	164	93.3	0.89
-								Rubber Cable		2/4	78	115	92.4	0.85
-								[S1BN8-F]		1/4	41	76	87.8	0.68
1754UNG	221	104	1780	242	1645	G	2	AWG 1/0-4	1.37-1.45	4/4	176	242	93.8	0.91
-							+1	AWG 15-10	0.63-0.67	3/4	132	187	93.6	0.89
-								Rubber Cable		2/4	89	133	92.9	0.84
-								[S1BN8-F]		1/4	46	87	88.8	0.67
1754XNG	221	104	1780	242	1645	G	2	AWG 1/0-4	1.37-1.45	4/4	176	242	93.8	0.91
-							+1	AWG 15-10	0.63-0.67	3/4	132	187	93.6	0.89
-								Rubber Cable		2/4	89	133	92.9	0.84
-								[S1BN8-F]		1/4	46	87	88.8	0.67
2004UNG	215	86	1789	233	1910	H	2	AWG 1/0-4	1.37-1.45	4/4	171	233	93.7	0.92
-							+1	AWG 15-10	0.63-0.67	3/4	129	180	93.3	0.90
-								Rubber Cable		2/4	87	129	91.9	0.85
-								[S1BN8-F]		1/4	46	85	86.8	0.68
2004XNG	215	86	1789	233	1910	H	2	AWG 1/0-4	1.37-1.45	4/4	171	233	93.7	0.92
-							+1	AWG 15-10	0.63-0.67	3/4	129	180	93.3	0.90
-								Rubber Cable		2/4	87	129	91.9	0.85
-								[S1BN8-F]		1/4	46	85	86.8	0.68
2504UNG	268	86	1790	290	2380	H	4	AWG 3-4	1.06-1.13	4/4	212	290	94.1	0.92
-							+1	AWG 15-10	0.63-0.67	3/4	160	223	93.8	0.90
-								Rubber Cable		2/4	108	161	92.6	0.84
-								[S1BN8-F]		1/4	57	106	88.0	0.67
2504XNG	268	86	1790	290	2380	H	4	AWG 3-4	1.06-1.13	4/4	212	290	94.1	0.92
-							+1	AWG 15-10	0.63-0.67	3/4	160	223	93.8	0.90
-								Rubber Cable		2/4	108	161	92.6	0.84
-								[S1BN8-F]		1/4	57	106	88.0	0.67

4-poles
460 V
60 Hz
3~
NG
Cooling jacket
Installation type D/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2		n _n	I _n	I _s	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
	[hp]	[°F]	[rpm]	[A]	[A]									
3004UNG	322	86	1790	347	2930	J	4	AWG 1-4	1.19-1.27	4/4	254	347	94.5	0.92
-							+1	AWG 15-10	0.63-0.67	3/4	191	266	94.3	0.90
								Rubber Cable		2/4	129	193	93.1	0.84
								[S1BN8-F]		1/4	68	129	88.8	0.66
3004XNG	322	86	1790	347	2930	J	4	AWG 1-4	1.19-1.27	4/4	254	347	94.5	0.92
-							+1	AWG 15-10	0.63-0.67	3/4	191	266	94.3	0.90
								Rubber Cable		2/4	129	193	93.1	0.84
								[S1BN8-F]		1/4	68	129	88.8	0.66

6-poles

460 V

60 Hz

3~

NG

Cooling jacket

Installation type D/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2		n _n	I _n	I _s	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
	[hp]	[°F]	[rpm]	[A]	[A]									
326UNG	30	104	1183	41.0	242	H	2	AWG 11-4	0.49-0.53	4/4	25.8	41.0	86.7	0.79
-							+1	AWG 15-10	0.63-0.67	3/4	19.6	33.7	85.6	0.73
-								Rubber Cable		2/4	13.6	27.0	82.5	0.63
-								[S1BN8-F]		1/4	7.6	21.8	73.2	0.44
326XNG	30	104	1183	41.0	242	H	2	AWG 11-4	0.49-0.53	4/4	25.8	41.0	86.7	0.79
-							+1	AWG 15-10	0.63-0.67	3/4	19.6	33.7	85.6	0.73
-								Rubber Cable		2/4	13.6	27.0	82.5	0.63
-								[S1BN8-F]		1/4	7.6	21.8	73.2	0.44
406UNG	40	104	1182	54.4	348	H	2	AWG 9-4	0.56-0.60	4/4	34.3	54.4	87.1	0.79
-							+1	AWG 15-10	0.63-0.67	3/4	26.0	44.0	86.2	0.74
-								Rubber Cable		2/4	18.0	35.2	83.1	0.64
-								[S1BN8-F]		1/4	10.1	28.9	73.6	0.44
406XNG	40	104	1182	54.4	348	H	2	AWG 9-4	0.56-0.60	4/4	34.3	54.4	87.1	0.79
-							+1	AWG 15-10	0.63-0.67	3/4	26.0	44.0	86.2	0.74
-								Rubber Cable		2/4	18.0	35.2	83.1	0.64
-								[S1BN8-F]		1/4	10.1	28.9	73.6	0.44
506UNG	50	104	1185	60.8	432	H	2	AWG 9-4	0.56-0.60	4/4	42.1	60.8	88.5	0.87
-							+1	AWG 15-10	0.63-0.67	3/4	31.8	48.1	87.9	0.83
-								Rubber Cable		2/4	21.8	36.4	85.7	0.75
-								[S1BN8-F]		1/4	12.0	27.4	77.6	0.55
506XNG	50	104	1185	60.8	432	H	2	AWG 9-4	0.56-0.60	4/4	42.1	60.8	88.5	0.87
-							+1	AWG 15-10	0.63-0.67	3/4	31.8	48.1	87.9	0.83
-								Rubber Cable		2/4	21.8	36.4	85.7	0.75
-								[S1BN8-F]		1/4	12.0	27.4	77.6	0.55
606UNG	80	104	1179	93.5	540	F	2	AWG 5-4	0.89-0.94	4/4	65.8	93.5	90.7	0.88
-							+1	AWG 15-10	0.63-0.67	3/4	49.5	73.0	90.5	0.85
-								Rubber Cable		2/4	33.2	53.5	90.0	0.78
-								[S1BN8-F]		1/4	17.5	37.6	85.3	0.58
606XNG	80	104	1179	93.5	540	F	2	AWG 5-4	0.89-0.94	4/4	65.8	93.5	90.7	0.88
-							+1	AWG 15-10	0.63-0.67	3/4	49.5	73.0	90.5	0.85
-								Rubber Cable		2/4	33.2	53.5	90.0	0.78
-								[S1BN8-F]		1/4	17.5	37.6	85.3	0.58
806UNG	100	104	1179	118	680	F	2	AWG 5-4	0.89-0.94	4/4	82.2	118	90.7	0.87
-							+1	AWG 15-10	0.63-0.67	3/4	61.3	91	91.2	0.85
-								Rubber Cable		2/4	41.2	68	90.5	0.76
-								[S1BN8-F]		1/4	21.9	50	85.1	0.55
806XNG	100	104	1179	118	680	F	2	AWG 5-4	0.89-0.94	4/4	82.2	118	90.7	0.87
-							+1	AWG 15-10	0.63-0.67	3/4	61.3	91	91.2	0.85
-								Rubber Cable		2/4	41.2	68	90.5	0.76
-								[S1BN8-F]		1/4	21.9	50	85.1	0.55
1006UNG	121	104	1180	140	840	F	2	AWG 3-4	1.06-1.13	4/4	98.6	140	91.6	0.88
-							+1	AWG 15-10	0.63-0.67	3/4	74.0	109	91.4	0.85
-								Rubber Cable		2/4	50.0	80	90.2	0.78
-								[S1BN8-F]		1/4	26.0	56	86.8	0.58

6-poles
460 V
60 Hz
3~
NG
Cooling jacket
Installation type D/K

motor type efficiency class	motor rating P2 [hp]	max. temp. pump- media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA I _s [A]	NEMA code letter	cable size power + control cable			motor data				
							Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
1006XNG	121	104	1180	140	840	F	2	AWG 3-4	1.06-1.13	4/4	98.6	140	91.6	0.88
-							+1	AWG 15-10	0.63-0.67	3/4	74.0	109	91.4	0.85
								Rubber Cable		2/4	50.0	80	90.2	0.78
								[S1BN8-F]		1/4	26.0	56	86.8	0.58
1206UNG	161	104	1181	180	1035	F	2	AWG 1-4	1.19-1.27	4/4	130	180	92.6	0.90
-							+1	AWG 15-10	0.63-0.67	3/4	97	137	92.5	0.89
								Rubber Cable		2/4	65	96	92.5	0.85
								[S1BN8-F]		1/4	34	62	89.1	0.68
1206XNG	161	104	1181	180	1035	F	2	AWG 1-4	1.19-1.27	4/4	130	180	92.6	0.90
-							+1	AWG 15-10	0.63-0.67	3/4	97	137	92.5	0.89
								Rubber Cable		2/4	65	96	92.5	0.85
								[S1BN8-F]		1/4	34	62	89.1	0.68
1406UNG	188	104	1184	214	1435	G	2	AWG 1/0-4	1.37-1.45	4/4	150	214	93.4	0.88
-							+1	AWG 15-10	0.63-0.67	3/4	113	165	93.2	0.86
								Rubber Cable		2/4	76	118	92.8	0.80
								[S1BN8-F]		1/4	39	81	89.5	0.61
1406XNG	188	104	1184	214	1435	G	2	AWG 1/0-4	1.37-1.45	4/4	150	214	93.4	0.88
-							+1	AWG 15-10	0.63-0.67	3/4	113	165	93.2	0.86
								Rubber Cable		2/4	76	118	92.8	0.80
								[S1BN8-F]		1/4	39	81	89.5	0.61
1656UNG	215	104	1183	239	1840	H	2	AWG 1/0-4	1.37-1.45	4/4	172	239	93.4	0.90
-							+1	AWG 15-10	0.63-0.67	3/4	129	182	93.2	0.89
								Rubber Cable		2/4	86	130	92.9	0.83
								[S1BN8-F]		1/4	45	85	89.9	0.66
1656XNG	215	104	1183	239	1840	H	2	AWG 1/0-4	1.37-1.45	4/4	172	239	93.4	0.90
-							+1	AWG 15-10	0.63-0.67	3/4	129	182	93.2	0.89
								Rubber Cable		2/4	86	130	92.9	0.83
								[S1BN8-F]		1/4	45	85	89.9	0.66
1906UNG	228	104	1191	249	1650	G	2	AWG 3/0-4	1.52-1.64	4/4	181	249	93.8	0.91
-							+1	AWG 15-10	0.63-0.67	3/4	136	188	93.9	0.91
								Rubber Cable		2/4	92	139	92.9	0.83
								[S1BN8-F]		1/4	48	100	88.0	0.61
1906XNG	228	104	1191	249	1650	G	2	AWG 3/0-4	1.52-1.64	4/4	181	249	93.8	0.91
-							+1	AWG 15-10	0.63-0.67	3/4	136	188	93.9	0.91
								Rubber Cable		2/4	92	139	92.9	0.83
								[S1BN8-F]		1/4	48	100	88.0	0.61
2256UNG	268	104	1191	297	2100	G	4	AWG 3-4	1.06-1.13	4/4	212	297	94.4	0.89
-							+1	AWG 15-10	0.63-0.67	3/4	159	229	94.2	0.87
								Rubber Cable		2/4	107	171	93.0	0.79
								[S1BN8-F]		1/4	57	120	88.3	0.59
2256XNG	268	104	1191	297	2100	G	4	AWG 3-4	1.06-1.13	4/4	212	297	94.4	0.89
-							+1	AWG 15-10	0.63-0.67	3/4	159	229	94.2	0.87
								Rubber Cable		2/4	107	171	93.0	0.79
								[S1BN8-F]		1/4	57	120	88.3	0.59

6-poles

460 V

60 Hz

3~

NG

Cooling jacket

Installation type D/K

motor type efficiency class	motor rating P2 [hp]	max. temp. pump- ed media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA I _s [A] NEMA code letter		cable size power + control cable			motor data				
							Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
2606UNG	315	104	1194	349	2354	G	4	AWG 1-4	1.19-1.27	4/4	249	349	94.2	0.90
-							+1	AWG 15-10	0.63-0.67	3/4	188	273	93.9	0.86
-								Rubber Cable		2/4	127	207	92.8	0.77
-								[S1BN8-F]		1/4	66	150	88.8	0.55
2606XNG	315	104	1194	349	2354	G	4	AWG 1-4	1.19-1.27	4/4	249	349	94.2	0.90
-							+1	AWG 15-10	0.63-0.67	3/4	188	273	93.9	0.86
-								Rubber Cable		2/4	127	207	92.8	0.77
-								[S1BN8-F]		1/4	66	150	88.8	0.55
3206UNG	389	104	1191	426	2863	G	4	AWG 1/0-4	1.37-1.45	4/4	305	426	95.0	0.90
-							+1	AWG 15-10	0.63-0.67	3/4	229	321	94.9	0.90
-								Rubber Cable		2/4	154	234	93.9	0.83
-								[S1BN8-F]		1/4	81	165	89.6	0.62
3206XNG	389	104	1191	426	2863	G	4	AWG 1/0-4	1.37-1.45	4/4	305	426	95.0	0.90
-							+1	AWG 15-10	0.63-0.67	3/4	229	321	94.9	0.90
-								Rubber Cable		2/4	154	234	93.9	0.83
-								[S1BN8-F]		1/4	81	165	89.6	0.62
3606UNG	436	104	1193	473	3493	H	6	AWG 1-4	1.19-1.27	4/4	341	473	95.3	0.91
-							+1	AWG 15-10	0.63-0.67	3/4	256	357	95.4	0.90
-								Rubber Cable		2/4	172	263	94.6	0.82
-								[S1BN8-F]		1/4	90	191	90.4	0.59
3606XNG	436	104	1193	473	3493	H	6	AWG 1-4	1.19-1.27	4/4	341	473	95.3	0.91
-							+1	AWG 15-10	0.63-0.67	3/4	256	357	95.4	0.90
-								Rubber Cable		2/4	172	263	94.6	0.82
-								[S1BN8-F]		1/4	90	191	90.4	0.59
4006UNG	483	104	1195	536	4272	H	6	AWG 1-4	1.19-1.27	4/4	379	536	95.0	0.89
-							+1	AWG 15-10	0.63-0.67	3/4	286	425	94.5	0.84
-								Rubber Cable		2/4	193	330	93.2	0.74
-								[S1BN8-F]		1/4	101	249	88.9	0.51
4006XNG	483	104	1195	536	4272	H	6	AWG 1-4	1.19-1.27	4/4	379	536	95.0	0.89
-							+1	AWG 15-10	0.63-0.67	3/4	286	425	94.5	0.84
-								Rubber Cable		2/4	193	330	93.2	0.74
-								[S1BN8-F]		1/4	101	249	88.9	0.51
4406UNG	536	104	1194	573	619	A	6	AWG 1-4	1.19-1.27	4/4	420	573	95.2	0.92
-							+1	AWG 15-10	0.63-0.67	3/4	315	439	95.1	0.90
-								Rubber Cable		2/4	211	315	94.7	0.84
-								[S1BN8-F]		1/4	109	207	91.6	0.66
4406XNG	536	104	1194	573	619	A	6	AWG 1-4	1.19-1.27	4/4	420	573	95.2	0.92
-							+1	AWG 15-10	0.63-0.67	3/4	315	439	95.1	0.90
-								Rubber Cable		2/4	211	315	94.7	0.84
-								[S1BN8-F]		1/4	109	207	91.6	0.66
4806UNG	590	104	1194	653	5179	H	6	AWG 1/0-4	1.37-1.45	4/4	465	653	94.6	0.89
-							+1	AWG 15-10	0.63-0.67	3/4	352	514	93.8	0.86
-								Rubber Cable		2/4	239	397	92.2	0.75
-								[S1BN8-F]		1/4	126	301	87.2	0.53

6-poles
460 V
60 Hz
3~
NG
Cooling jacket
Installation type D/K

motor type efficiency class	motor rating	max. temp. pump- media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2		n _n	I _n	I _s	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
	[hp]	[°F]	[rpm]	[A]	[A]									
4806XNG	590	104	1194	653	5179	H	6	AWG 1/0-4	1.37-1.45	4/4	465	653	94.6	0.89
-							+1	AWG 15-10	0.63-0.67	3/4	352	514	93.8	0.86
								Rubber Cable		2/4	239	397	92.2	0.75
								[S1BN8-F]		1/4	126	301	87.2	0.53
5306UNG	575	104	1195	627	4545	H	5	AWG 1/0-4	1.37-1.45	4/4	450	627	95.3	0.90
-							+1	S07RC4N8-F 12G1.5	0.76-0.84	3/4	338	482	95.1	0.88
								Rubber Cable		2/4	227	352	94.5	0.81
								[S1BN8-F/S07RC4N8-F]		1/4	117	237	91.6	0.62
5806UNG	670	104	1195	727	5308	H	6	AWG 1/0-4	1.37-1.45	4/4	522	727	95.8	0.90
-							+1	S07RC4N8-F 12G1.5	0.76-0.84	3/4	393	567	95.3	0.87
								Rubber Cable		2/4	264	409	94.6	0.81
								[S1BN8-F/S07RC4N8-F]		1/4	136	280	91.8	0.61
6306UNG	735	104	1195	798	5753	G	6	AWG 1/0-4	1.37-1.45	4/4	572	798	95.8	0.90
-							+1	S07RC4N8-F 12G1.5	0.76-0.84	3/4	430	614	95.5	0.88
								Rubber Cable		2/4	289	442	94.9	0.82
								[S1BN8-F/S07RC4N8-F]		1/4	148	296	92.3	0.63
6906UNG	820	104	1195	890	6770	H	6	AWG 3/0-4	1.52-1.64	4/4	638	890	95.8	0.90
-							+1	S07RC4N8-F 12G1.5	0.76-0.84	3/4	480	684	95.6	0.88
								Rubber Cable		2/4	322	493	95.0	0.82
								[S1BN8-F/S07RC4N8-F]		1/4	165	329	92.6	0.63
7706UNG	910	104	1196	987	7800	H	6	AWG 3/0-4	1.52-1.64	4/4	708	987	95.9	0.90
-							+1	S07RC4N8-F 12G1.5	0.76-0.84	3/4	532	758	95.7	0.88
								Rubber Cable		2/4	357	553	95.0	0.81
								[S1BN8-F/S07RC4N8-F]		1/4	183	370	92.7	0.62
8506UNG	1000	104	1196	1083	8775	H	7	AWG 3/0-4	1.52-1.64	4/4	777	1083	96.0	0.90
-							+1	S07RC4N8-F 12G1.5	0.76-0.84	3/4	583	841	95.9	0.87
								Rubber Cable		2/4	391	614	95.3	0.80
								[S1BN8-F/S07RC4N8-F]		1/4	201	428	92.6	0.59

8-poles

460 V

60 Hz

3~

NG

Cooling jacket

Installation type D/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
268UNG	30	104	885	44.1	209	F	2	AWG 11-4	0.49-0.53	4/4	26.0	44.1	86.1	0.74
-							+1	AWG 15-10	0.63-0.67	3/4	19.8	36.5	84.8	0.68
-								Rubber Cable		2/4	13.7	30.1	81.7	0.57
-								[S1BN8-F]		1/4	7.8	26.4	72.0	0.37
268XNG	30	104	885	44.1	209	F	2	AWG 11-4	0.49-0.53	4/4	26.0	44.1	86.1	0.74
-							+1	AWG 15-10	0.63-0.67	3/4	19.8	36.5	84.8	0.68
-								Rubber Cable		2/4	13.7	30.1	81.7	0.57
-								[S1BN8-F]		1/4	7.8	26.4	72.0	0.37
358UNG	40	104	885	52.5	273	F	2	AWG 9-4	0.56-0.60	4/4	34.3	52.5	86.9	0.82
-							+1	AWG 15-10	0.63-0.67	3/4	25.8	42.1	86.6	0.77
-								Rubber Cable		2/4	17.7	33.1	84.4	0.67
-								[S1BN8-F]		1/4	9.8	26.1	76.3	0.47
358XNG	40	104	885	52.5	273	F	2	AWG 9-4	0.56-0.60	4/4	34.3	52.5	86.9	0.82
-							+1	AWG 15-10	0.63-0.67	3/4	25.8	42.1	86.6	0.77
-								Rubber Cable		2/4	17.7	33.1	84.4	0.67
-								[S1BN8-F]		1/4	9.8	26.1	76.3	0.47
508UNG	67	104	885	89.5	466	F	2	AWG 7-4	0.72-0.77	4/4	55.8	89.5	89.5	0.78
-							+1	AWG 15-10	0.63-0.67	3/4	42.0	73.0	89.3	0.72
-								Rubber Cable		2/4	28.4	59.0	88.1	0.60
-								[S1BN8-F]		1/4	15.3	50.0	81.6	0.38
508XNG	67	104	885	89.5	466	F	2	AWG 7-4	0.72-0.77	4/4	55.8	89.5	89.5	0.78
-							+1	AWG 15-10	0.63-0.67	3/4	42.0	73.0	89.3	0.72
-								Rubber Cable		2/4	28.4	59.0	88.1	0.60
-								[S1BN8-F]		1/4	15.3	50.0	81.6	0.38
758UNG	100	104	883	131	695	F	2	AWG 3-4	1.06-1.13	4/4	82.4	131	90.5	0.79
-							+1	AWG 15-10	0.63-0.67	3/4	62.0	106	90.3	0.73
-								Rubber Cable		2/4	41.5	85	89.8	0.61
-								[S1BN8-F]		1/4	22.2	71	84.0	0.39
758XNG	100	104	883	131	695	F	2	AWG 3-4	1.06-1.13	4/4	82.4	131	90.5	0.79
-							+1	AWG 15-10	0.63-0.67	3/4	62.0	106	90.3	0.73
-								Rubber Cable		2/4	41.5	85	89.8	0.61
-								[S1BN8-F]		1/4	22.2	71	84.0	0.39
908UNG	121	104	890	155	883	G	2	AWG 3-4	1.06-1.13	4/4	98.4	155	91.7	0.80
-							+1	AWG 15-10	0.63-0.67	3/4	73.9	126	91.6	0.74
-								Rubber Cable		2/4	49.9	102	90.4	0.61
-								[S1BN8-F]		1/4	26.4	83	85.4	0.40
908XNG	121	104	890	155	883	G	2	AWG 3-4	1.06-1.13	4/4	98.4	155	91.7	0.80
-							+1	AWG 15-10	0.63-0.67	3/4	73.9	126	91.6	0.74
-								Rubber Cable		2/4	49.9	102	90.4	0.61
-								[S1BN8-F]		1/4	26.4	83	85.4	0.40
1108UNG	148	104	890	190	1094	G	2	AWG 1-4	1.19-1.27	4/4	119	190	92.4	0.79
-							+1	AWG 15-10	0.63-0.67	3/4	90	155	91.9	0.73
-								Rubber Cable		2/4	61	126	90.9	0.60
-								[S1BN8-F]		1/4	32	104	86.0	0.39

8-poles
460 V
60 Hz
3~
NG
Cooling jacket
Installation type D/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2		n _n	I _n	I _s	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
	[hp]	[°F]	[rpm]	[A]	[A]									
1108XNG	148	104	890	190	1094	G	2	AWG 1-4	1.19-1.27	4/4	119	190	92.4	0.79
-							+1	AWG 15-10	0.63-0.67	3/4	90	155	91.9	0.73
-								Rubber Cable		2/4	61	126	90.9	0.60
-								[S1BN8-F]		1/4	32	104	86.0	0.39
1308UNG	174	104	890	219	1225	G	2	AWG 1/0-4	1.37-1.45	4/4	140	219	92.7	0.80
-							+1	AWG 15-10	0.63-0.67	3/4	105	174	92.7	0.76
-								Rubber Cable		2/4	71	137	91.6	0.65
-								[S1BN8-F]		1/4	37	110	87.2	0.42
1308XNG	174	104	890	219	1225	G	2	AWG 1/0-4	1.37-1.45	4/4	140	219	92.7	0.80
-							+1	AWG 15-10	0.63-0.67	3/4	105	174	92.7	0.76
-								Rubber Cable		2/4	71	137	91.6	0.65
-								[S1BN8-F]		1/4	37	110	87.2	0.42
1508UNG	200	104	895	247	1494	G	2	AWG 1/0-4	1.37-1.45	4/4	159	247	93.6	0.81
-							+1	AWG 15-10	0.63-0.67	3/4	120	198	93.2	0.76
-								Rubber Cable		2/4	81	156	92.1	0.65
-								[S1BN8-F]		1/4	43	129	86.7	0.42
1508XNG	200	104	895	247	1494	G	2	AWG 1/0-4	1.37-1.45	4/4	159	247	93.6	0.81
-							+1	AWG 15-10	0.63-0.67	3/4	120	198	93.2	0.76
-								Rubber Cable		2/4	81	156	92.1	0.65
-								[S1BN8-F]		1/4	43	129	86.7	0.42
1858UNG	235	104	895	296	1900	H	4	AWG 3-4	1.06-1.13	4/4	187	296	93.8	0.79
-							+1	AWG 15-10	0.63-0.67	3/4	140	240	93.7	0.73
-								Rubber Cable		2/4	95	195	92.3	0.61
-								[S1BN8-F]		1/4	51	160	86.6	0.40
1858XNG	235	104	895	296	1900	H	4	AWG 3-4	1.06-1.13	4/4	187	296	93.8	0.79
-							+1	AWG 15-10	0.63-0.67	3/4	140	240	93.7	0.73
-								Rubber Cable		2/4	95	195	92.3	0.61
-								[S1BN8-F]		1/4	51	160	86.6	0.40
2208UNG	268	104	895	321	1950	G	4	AWG 3-4	1.06-1.13	4/4	213	321	93.7	0.83
-							+1	AWG 15-10	0.63-0.67	3/4	161	257	93.1	0.79
-								Rubber Cable		2/4	109	206	91.6	0.66
-								[S1BN8-F]		1/4	58	166	86.7	0.44
2208XNG	268	104	895	321	1950	G	4	AWG 3-4	1.06-1.13	4/4	213	321	93.7	0.83
-							+1	AWG 15-10	0.63-0.67	3/4	161	257	93.1	0.79
-								Rubber Cable		2/4	109	206	91.6	0.66
-								[S1BN8-F]		1/4	58	166	86.7	0.44
2608UNG	335	104	895	417	2600	G	4	AWG 1/0-4	1.37-1.45	4/4	265	417	94.3	0.80
-							+1	AWG 15-10	0.63-0.67	3/4	200	342	93.8	0.73
-								Rubber Cable		2/4	134	268	93.4	0.63
-								[S1BN8-F]		1/4	71	221	88.3	0.40
2608XNG	335	104	895	417	2600	G	4	AWG 1/0-4	1.37-1.45	4/4	265	417	94.3	0.80
-							+1	AWG 15-10	0.63-0.67	3/4	200	342	93.8	0.73
-								Rubber Cable		2/4	134	268	93.4	0.63
-								[S1BN8-F]		1/4	71	221	88.3	0.40

8-poles

460 V

60 Hz

3~

NG

Cooling jacket

Installation type D/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
3008UNG	389	104	896	484	3147	H	6	AWG 1-4	1.19-1.27	4/4	309	484	93.8	0.80
-							+1	AWG 15-10	0.63-0.67	3/4	234	395	93.1	0.74
-								Rubber Cable		2/4	158	319	92.0	0.62
-								[S1BN8-F]		1/4	84	258	86.1	0.41
3008XNG	389	104	896	484	3147	H	6	AWG 1-4	1.19-1.27	4/4	309	484	93.8	0.80
-							+1	AWG 15-10	0.63-0.67	3/4	234	395	93.1	0.74
-								Rubber Cable		2/4	158	319	92.0	0.62
-								[S1BN8-F]		1/4	84	258	86.1	0.41
3508UNG	436	104	896	520	3407	G	6	AWG 1-4	1.19-1.27	4/4	343	520	94.9	0.83
-							+1	AWG 15-10	0.63-0.67	3/4	259	416	94.3	0.78
-								Rubber Cable		2/4	173	323	94.0	0.67
-								[S1BN8-F]		1/4	91	257	89.7	0.44
3508XNG	436	104	896	520	3407	G	6	AWG 1-4	1.19-1.27	4/4	343	520	94.9	0.83
-							+1	AWG 15-10	0.63-0.67	3/4	259	416	94.3	0.78
-								Rubber Cable		2/4	173	323	94.0	0.67
-								[S1BN8-F]		1/4	91	257	89.7	0.44
4008UNG	483	104	895	581	3950	H	6	AWG 1/0-4	1.37-1.45	4/4	378	581	95.2	0.82
-							+1	AWG 15-10	0.63-0.67	3/4	284	466	95.2	0.76
-								Rubber Cable		2/4	191	371	94.2	0.65
-								[S1BN8-F]		1/4	100	296	89.8	0.43
4008XNG	483	104	895	581	3950	H	6	AWG 1/0-4	1.37-1.45	4/4	378	581	95.2	0.82
-							+1	AWG 15-10	0.63-0.67	3/4	284	466	95.2	0.76
-								Rubber Cable		2/4	191	371	94.2	0.65
-								[S1BN8-F]		1/4	100	296	89.8	0.43
4608UNG	510	104	896	613	3800	G	5	AWG 1/0-4	1.37-1.45	4/4	400	613	95.0	0.82
-							+1	S07RC4N8-F 12G1.5	0.76-0.84	3/4	301	484	94.8	0.78
-								Rubber Cable		2/4	202	373	94.0	0.68
-								[S1BN8-F/S07RC4N8-F]		1/4	105	285	91.0	0.46
5308UNG	575	104	896	672	4100	G	5	AWG 1/0-4	1.37-1.45	4/4	450	672	95.3	0.84
-							+1	S07RC4N8-F 12G1.5	0.76-0.84	3/4	338	531	95.1	0.80
-								Rubber Cable		2/4	227	402	94.3	0.71
-								[S1BN8-F/S07RC4N8-F]		1/4	117	300	91.5	0.49
5808UNG	645	104	896	773	5025	G	6	AWG 1/0-4	1.37-1.45	4/4	505	773	95.3	0.82
-							+1	S07RC4N8-F 12G1.5	0.76-0.84	3/4	379	610	95.1	0.78
-								Rubber Cable		2/4	255	471	94.3	0.68
-								[S1BN8-F/S07RC4N8-F]		1/4	132	360	91.2	0.46
6308UNG	710	104	897	849	5780	H	6	AWG 1/0-4	1.37-1.45	4/4	555	849	95.4	0.82
-							+1	S07RC4N8-F 12G1.5	0.76-0.84	3/4	418	681	95.1	0.77
-								Rubber Cable		2/4	281	534	94.3	0.66
-								[S1BN8-F/S07RC4N8-F]		1/4	145	413	91.4	0.44
6908UNG	805	104	897	960	6240	G	6	AWG 3/0-4	1.52-1.64	4/4	627	960	95.7	0.82
-							+1	S07RC4N8-F 12G1.5	0.76-0.84	3/4	471	759	95.5	0.78
-								Rubber Cable		2/4	317	584	94.8	0.68
-								[S1BN8-F/S07RC4N8-F]		1/4	163	445	92.0	0.46

8-poles

460 V

60 Hz

3~

NG

Cooling jacket

Installation type D/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
7608UNG	900	104	896	1048	6510	G	7	AWG 3/0-4	1.52-1.64	4/4	701	1048	95.7	0.84
-							+1	S07RC4N8-F 12G1.5	0.76-0.84	3/4	527	827	95.5	0.80
								Rubber Cable		2/4	354	634	94.9	0.70
								[S1BN8-F/S07RC4N8-F]		1/4	182	465	92.4	0.49

10-poles

460 V

60 Hz

3~

NG

Cooling jacket

Installation type D/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
4010UNG	50	104	711	72.5	424	H	2	AWG 7-4	0.72-0.77	4/4	41.8	72.5	89.3	0.72
							+1	AWG 15-10	0.63-0.67	3/4	31.3	57.5	89.4	0.68
								Rubber Cable		2/4	21.4	48.6	87.0	0.55
								[S1BN8-F]		1/4	11.8	42.4	79.0	0.35
4010XNG	50	104	711	72.5	424	H	2	AWG 7-4	0.72-0.77	4/4	41.8	72.5	89.3	0.72
							+1	AWG 15-10	0.63-0.67	3/4	31.3	57.5	89.4	0.68
								Rubber Cable		2/4	21.4	48.6	87.0	0.55
								[S1BN8-F]		1/4	11.8	42.4	79.0	0.35
6010UNG	80	104	710	114	626	G	2	AWG 5-4	0.89-0.94	4/4	66.5	114	89.7	0.73
							+1	AWG 15-10	0.63-0.67	3/4	50.4	96	88.8	0.66
								Rubber Cable		2/4	34.4	83	86.6	0.52
								[S1BN8-F]		1/4	18.8	73	79.3	0.32
6010XNG	80	104	710	114	626	G	2	AWG 5-4	0.89-0.94	4/4	66.5	114	89.7	0.73
							+1	AWG 15-10	0.63-0.67	3/4	50.4	96	88.8	0.66
								Rubber Cable		2/4	34.4	83	86.6	0.52
								[S1BN8-F]		1/4	18.8	73	79.3	0.32
7510UNG	100	104	707	133	665	F	2	AWG 3-4	1.06-1.13	4/4	81.8	133	91.2	0.77
							+1	AWG 15-10	0.63-0.67	3/4	61.4	108	91.1	0.71
								Rubber Cable		2/4	41.4	88	90.2	0.59
								[S1BN8-F]		1/4	21.9	74	85.1	0.37
7510XNG	100	104	707	133	665	F	2	AWG 3-4	1.06-1.13	4/4	81.8	133	91.2	0.77
							+1	AWG 15-10	0.63-0.67	3/4	61.4	108	91.1	0.71
								Rubber Cable		2/4	41.4	88	90.2	0.59
								[S1BN8-F]		1/4	21.9	74	85.1	0.37
9010UNG	121	104	710	167	885	G	2	AWG 1-4	1.19-1.27	4/4	98.9	167	91.2	0.74
							+1	AWG 15-10	0.63-0.67	3/4	74.3	140	91.1	0.67
								Rubber Cable		2/4	50.1	115	90.0	0.55
								[S1BN8-F]		1/4	26.7	100	84.5	0.34
9010XNG	121	104	710	167	885	G	2	AWG 1-4	1.19-1.27	4/4	98.9	167	91.2	0.74
							+1	AWG 15-10	0.63-0.67	3/4	74.3	140	91.1	0.67
								Rubber Cable		2/4	50.1	115	90.0	0.55
								[S1BN8-F]		1/4	26.7	100	84.5	0.34
11010UNG	148	104	715	199	1150	G	2	AWG 1/0-4	1.37-1.45	4/4	119	199	92.4	0.75
							+1	AWG 15-10	0.63-0.67	3/4	90	160	92.1	0.71
								Rubber Cable		2/4	61	132	90.5	0.58
								[S1BN8-F]		1/4	33	115	84.1	0.36
11010XNG	148	104	715	199	1150	G	2	AWG 1/0-4	1.37-1.45	4/4	119	199	92.4	0.75
							+1	AWG 15-10	0.63-0.67	3/4	90	160	92.1	0.71
								Rubber Cable		2/4	61	132	90.5	0.58
								[S1BN8-F]		1/4	33	115	84.1	0.36
15010UNG	200	104	715	264	1515	G	2	AWG 3/0-4	1.52-1.64	4/4	160	264	93.2	0.76
							+1	AWG 15-10	0.63-0.67	3/4	121	214	92.4	0.71
								Rubber Cable		2/4	81	175	92.1	0.58
								[S1BN8-F]		1/4	43	146	86.7	0.37

10-poles
460 V
60 Hz
3~
NG
Cooling jacket
Installation type D/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2		n _n	I _n	I _s	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
	[hp]	[°F]	[rpm]	[A]	[A]									
15010XNG	200	104	715	264	1515	G	2 +1	AWG 3/0-4	1.52-1.64	4/4	160	264	93.2	0.76
								AWG 15-10	0.63-0.67	3/4	121	214	92.4	0.71
								Rubber Cable		2/4	81	175	92.1	0.58
								[S1BN8-F]		1/4	43	146	86.7	0.37
19010UNG	235	104	714	321	2000	H	4 +1	AWG 1-4	1.19-1.27	4/4	188	321	93.3	0.73
								AWG 15-10	0.63-0.67	3/4	141	267	93.1	0.66
								Rubber Cable		2/4	96	229	91.7	0.52
								[S1BN8-F]		1/4	51	206	85.6	0.31
19010XNG	235	104	714	321	2000	H	4 +1	AWG 1-4	1.19-1.27	4/4	188	321	93.3	0.73
								AWG 15-10	0.63-0.67	3/4	141	267	93.1	0.66
								Rubber Cable		2/4	96	229	91.7	0.52
								[S1BN8-F]		1/4	51	206	85.6	0.31
23010UNG	310	104	713	387	2342	G	4 +1	AWG 1-4	1.19-1.27	4/4	249	387	92.8	0.81
								AWG 15-10	0.63-0.67	3/4	188	310	92.5	0.76
								Rubber Cable		2/4	126	244	91.6	0.65
								[S1BN8-F]		1/4	66	189	87.4	0.44
23010XNG	310	104	713	387	2342	G	4 +1	AWG 1-4	1.19-1.27	4/4	249	387	92.8	0.81
								AWG 15-10	0.63-0.67	3/4	188	310	92.5	0.76
								Rubber Cable		2/4	126	244	91.6	0.65
								[S1BN8-F]		1/4	66	189	87.4	0.44
27010UNG	361	104	713	441	2721	G	6 +1	AWG 1-4	1.19-1.27	4/4	288	441	93.5	0.82
								AWG 15-10	0.63-0.67	3/4	216	352	93.4	0.77
								Rubber Cable		2/4	145	276	92.7	0.66
								[S1BN8-F]		1/4	76	221	88.9	0.43
27010XNG	361	104	713	441	2721	G	6 +1	AWG 1-4	1.19-1.27	4/4	288	441	93.5	0.82
								AWG 15-10	0.63-0.67	3/4	216	352	93.4	0.77
								Rubber Cable		2/4	145	276	92.7	0.66
								[S1BN8-F]		1/4	76	221	88.9	0.43
31010UNG	415	104	714	507	3120	G	6 +1	AWG 1-4	1.19-1.27	4/4	332	507	93.4	0.82
								AWG 15-10	0.63-0.67	3/4	249	405	93.3	0.77
								Rubber Cable		2/4	167	318	92.5	0.66
								[S1BN8-F]		1/4	87	248	88.8	0.44
31010XNG	415	104	714	507	3120	G	6 +1	AWG 1-4	1.19-1.27	4/4	332	507	93.4	0.82
								AWG 15-10	0.63-0.67	3/4	249	405	93.3	0.77
								Rubber Cable		2/4	167	318	92.5	0.66
								[S1BN8-F]		1/4	87	248	88.8	0.44
35010UNG	456	104	713	564	3430	G	6 +1	AWG 1-4	1.19-1.27	4/4	362	564	93.9	0.81
								AWG 15-10	0.63-0.67	3/4	271	450	94.0	0.76
								Rubber Cable		2/4	183	358	93.1	0.64
								[S1BN8-F]		1/4	96	286	88.7	0.42
35010XNG	456	104	713	564	3430	G	6 +1	AWG 1-4	1.19-1.27	4/4	362	564	93.9	0.81
								AWG 15-10	0.63-0.67	3/4	271	450	94.0	0.76
								Rubber Cable		2/4	183	358	93.1	0.64
								[S1BN8-F]		1/4	96	286	88.7	0.42

10-poles

460 V

60 Hz

3~

NG

Cooling jacket

Installation type D/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
39010UNG	445	104	715	565	3500	G	4	AWG 1/0-4	1.37-1.45	4/4	352	565	94.4	0.78
							+1	S07RC4N8-F 12G1.5	0.76-0.84	3/4	264	454	94.3	0.73
								Rubber Cable		2/4	178	366	93.2	0.61
								[S1BN8-F/S07RC4N8-F]		1/4	92	296	90.1	0.39
43010UNG	510	104	715	638	3765	G	5	AWG 1/0-4	1.37-1.45	4/4	402	638	94.7	0.79
							+1	S07RC4N8-F 12G1.5	0.76-0.84	3/4	302	511	94.6	0.74
								Rubber Cable		2/4	202	403	94.1	0.63
								[S1BN8-F/S07RC4N8-F]		1/4	105	320	90.9	0.41
47510UNG	565	104	715	705	4160	G	6	AWG 1/0-4	1.37-1.45	4/4	444	705	94.9	0.79
							+1	S07RC4N8-F 12G1.5	0.76-0.84	3/4	334	566	94.7	0.74
								Rubber Cable		2/4	224	446	94.1	0.63
								[S1BN8-F/S07RC4N8-F]		1/4	115	345	91.3	0.42
53510UNG	620	104	716	774	4950	H	6	AWG 1/0-4	1.37-1.45	4/4	487	774	94.9	0.79
							+1	S07RC4N8-F 12G1.5	0.76-0.84	3/4	366	630	94.7	0.73
								Rubber Cable		2/4	246	498	94.0	0.62
								[S1BN8-F/S07RC4N8-F]		1/4	127	399	91.0	0.40
60010UNG	685	104	716	864	5485	H	6	AWG 3/0-4	1.52-1.64	4/4	537	864	95.1	0.78
							+1	S07RC4N8-F 12G1.5	0.76-0.84	3/4	404	704	94.9	0.72
								Rubber Cable		2/4	271	558	94.2	0.61
								[S1BN8-F/S07RC4N8-F]		1/4	140	452	91.0	0.39
66010UNG	750	104	716	935	5890	G	6	AWG 3/0-4	1.52-1.64	4/4	589	935	95.0	0.79
							+1	S07RC4N8-F 12G1.5	0.76-0.84	3/4	443	751	94.8	0.74
								Rubber Cable		2/4	297	592	94.1	0.63
								[S1BN8-F/S07RC4N8-F]		1/4	153	469	91.3	0.41

12-poles
460 V
60 Hz
3~
NG
Cooling jacket
Installation type D/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
19512UNG	260	104	595	376	2055	H	4 +1	AWG 1-4	1.19-1.27	4/4	210	376	92.5	0.70
								AWG 15-10	0.63-0.67	3/4	158	314	92.3	0.63
								Rubber Cable		2/4	106	266	91.5	0.50
								[S1BN8-F]		1/4	56	234	86.6	0.30
19512XNG	260	104	595	376	2055	H	4 +1	AWG 1-4	1.19-1.27	4/4	210	376	92.5	0.70
								AWG 15-10	0.63-0.67	3/4	158	314	92.3	0.63
								Rubber Cable		2/4	106	266	91.5	0.50
								[S1BN8-F]		1/4	56	234	86.6	0.30
23012UNG	295	104	594	413	2250	G	4 +1	AWG 1/0-4	1.37-1.45	4/4	237	413	92.9	0.72
								AWG 15-10	0.63-0.67	3/4	178	344	92.7	0.65
								Rubber Cable		2/4	120	291	91.4	0.52
								[S1BN8-F]		1/4	64	252	85.8	0.32
23012XNG	295	104	594	413	2250	G	4 +1	AWG 1/0-4	1.37-1.45	4/4	237	413	92.9	0.72
								AWG 15-10	0.63-0.67	3/4	178	344	92.7	0.65
								Rubber Cable		2/4	120	291	91.4	0.52
								[S1BN8-F]		1/4	64	252	85.8	0.32
26512UNG	335	104	594	468	2600	G	6 +1	AWG 1-4	1.19-1.27	4/4	268	468	93.2	0.72
								AWG 15-10	0.63-0.67	3/4	201	392	93.1	0.64
								Rubber Cable		2/4	136	331	91.8	0.52
								[S1BN8-F]		1/4	72	285	86.3	0.32
26512XNG	335	104	594	468	2600	G	6 +1	AWG 1-4	1.19-1.27	4/4	268	468	93.2	0.72
								AWG 15-10	0.63-0.67	3/4	201	392	93.1	0.64
								Rubber Cable		2/4	136	331	91.8	0.52
								[S1BN8-F]		1/4	72	285	86.3	0.32
30012UNG	375	104	595	539	3150	H	6 +1	AWG 1-4	1.19-1.27	4/4	299	539	93.5	0.70
								AWG 15-10	0.63-0.67	3/4	226	460	93.0	0.62
								Rubber Cable		2/4	153	394	91.4	0.49
								[S1BN8-F]		1/4	82	340	85.6	0.30
30012XNG	375	104	595	539	3150	H	6 +1	AWG 1-4	1.19-1.27	4/4	299	539	93.5	0.70
								AWG 15-10	0.63-0.67	3/4	226	460	93.0	0.62
								Rubber Cable		2/4	153	394	91.4	0.49
								[S1BN8-F]		1/4	82	340	85.6	0.30
29012UNG	360	104	596	521	2865	H	4 +1	AWG 1/0-4	1.37-1.45	4/4	287	521	93.7	0.69
								S07RC4N8-F 12G1.5	0.76-0.84	3/4	216	436	93.4	0.62
								Rubber Cable		2/4	146	365	92.2	0.50
								[S1BN8-F/S07RC4N8-F]		1/4	77	321	87.5	0.30
34012UNG	415	104	596	574	2990	G	5 +1	AWG 1/0-4	1.37-1.45	4/4	329	574	94.0	0.72
								S07RC4N8-F 12G1.5	0.76-0.84	3/4	247	470	93.8	0.66
								Rubber Cable		2/4	166	394	93.0	0.53
								[S1BN8-F/S07RC4N8-F]		1/4	87	330	89.1	0.33
38012UNG	470	104	596	658	3550	G	5 +1	AWG 1/0-4	1.37-1.45	4/4	372	658	94.2	0.71
								S07RC4N8-F 12G1.5	0.76-0.84	3/4	280	548	94.0	0.64
								Rubber Cable		2/4	188	464	93.0	0.51
								[S1BN8-F/S07RC4N8-F]		1/4	98	386	89.1	0.32

12-poles

460 V

60 Hz

3~

NG

Cooling jacket

Installation type D/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
45012UNG	535	104	597	792	4675	H	6	AWG 1/0-4	1.37-1.45	4/4	423	792	94.4	0.67
							+1	S07RC4N8-F 12G1.5	0.76-0.84	3/4	318	676	94.1	0.59
								Rubber Cable		2/4	215	573	92.9	0.47
								[S1BN8-F/S07RC4N8-F]		1/4	113	505	88.5	0.28
49012UNG	590	104	596	823	4543	G	6	AWG 1/0-4	1.37-1.45	4/4	466	823	94.5	0.71
							+1	S07RC4N8-F 12G1.5	0.76-0.84	3/4	350	687	94.2	0.64
								Rubber Cable		2/4	236	582	93.1	0.51
								[S1BN8-F/S07RC4N8-F]		1/4	123	498	89.5	0.31
56012UNG	660	104	597	989	5870	H	6	AWG 3/0-4	1.52-1.64	4/4	520	989	94.6	0.66
							+1	S07RC4N8-F 12G1.5	0.76-0.84	3/4	391	847	94.3	0.58
								Rubber Cable		2/4	265	722	93.0	0.46
								[S1BN8-F/S07RC4N8-F]		1/4	139	645	88.7	0.27

4-poles
575 V
60 Hz
3~
NG
Cooling jacket
Installation type D/K

motor type efficiency class	motor rating P2 [hp]	max. temp. pumped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA I _s NEMA code letter [A]		cable size power + control cable			motor data				
							Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
354UNG	40	104	1775	40.4	268	H	2	AWG 11-4	0.49-0.53	4/4	33.8	40.4	88.3	0.84
-							+1	AWG 15-10	0.63-0.67	3/4	25.7	31.9	87.2	0.81
								Rubber Cable		2/4	17.7	24.4	84.2	0.73
								[S1BN8-F]		1/4	9.9	18.5	75.1	0.54
354XNG	40	104	1775	40.4	268	H	2	AWG 11-4	0.49-0.53	4/4	33.8	40.4	88.3	0.84
-							+1	AWG 15-10	0.63-0.67	3/4	25.7	31.9	87.2	0.81
								Rubber Cable		2/4	17.7	24.4	84.2	0.73
								[S1BN8-F]		1/4	9.9	18.5	75.1	0.54
504UNG	56	104	1773	53.1	358	H	2	AWG 9-4	0.56-0.60	4/4	46.0	53.1	90.7	0.87
-							+1	AWG 15-10	0.63-0.67	3/4	34.7	41.0	90.3	0.85
								Rubber Cable		2/4	23.4	30.1	89.3	0.78
								[S1BN8-F]		1/4	12.6	21.0	83.0	0.60
504XNG	56	104	1773	53.1	358	H	2	AWG 9-4	0.56-0.60	4/4	46.0	53.1	90.7	0.87
-							+1	AWG 15-10	0.63-0.67	3/4	34.7	41.0	90.3	0.85
								Rubber Cable		2/4	23.4	30.1	89.3	0.78
								[S1BN8-F]		1/4	12.6	21.0	83.0	0.60
654UNG	74	104	1772	69.4	466	G	2	AWG 7-4	0.72-0.77	4/4	60.2	69.4	91.7	0.87
-							+1	AWG 15-10	0.63-0.67	3/4	45.3	52.9	91.4	0.86
								Rubber Cable		2/4	30.6	38.4	90.1	0.80
								[S1BN8-F]		1/4	16.4	26.6	84.1	0.62
654XNG	74	104	1772	69.4	466	G	2	AWG 7-4	0.72-0.77	4/4	60.2	69.4	91.7	0.87
-							+1	AWG 15-10	0.63-0.67	3/4	45.3	52.9	91.4	0.86
								Rubber Cable		2/4	30.6	38.4	90.1	0.80
								[S1BN8-F]		1/4	16.4	26.6	84.1	0.62
804UNG	100	104	1775	95.2	567	G	2	AWG 5-4	0.89-0.94	4/4	82.0	95.2	91.0	0.86
-							+1	AWG 15-10	0.63-0.67	3/4	61.7	73.4	90.6	0.84
								Rubber Cable		2/4	41.9	56.2	89.0	0.75
								[S1BN8-F]		1/4	22.5	41.6	82.7	0.54
804XNG	100	104	1775	95.2	567	G	2	AWG 5-4	0.89-0.94	4/4	82.0	95.2	91.0	0.86
-							+1	AWG 15-10	0.63-0.67	3/4	61.7	73.4	90.6	0.84
								Rubber Cable		2/4	41.9	56.2	89.0	0.75
								[S1BN8-F]		1/4	22.5	41.6	82.7	0.54
954UNG	121	104	1772	114	671	F	2	AWG 5-4	0.89-0.94	4/4	98.3	114	91.8	0.87
-							+1	AWG 15-10	0.63-0.67	3/4	73.9	87	91.6	0.85
								Rubber Cable		2/4	49.9	65	90.5	0.77
								[S1BN8-F]		1/4	26.3	48	85.7	0.55
954XNG	121	104	1772	114	671	F	2	AWG 5-4	0.89-0.94	4/4	98.3	114	91.8	0.87
-							+1	AWG 15-10	0.63-0.67	3/4	73.9	87	91.6	0.85
								Rubber Cable		2/4	49.9	65	90.5	0.77
								[S1BN8-F]		1/4	26.3	48	85.7	0.55
1104UNG	134	104	1764	125	700	F	2	AWG 3-4	1.06-1.13	4/4	108	125	92.2	0.87
-							+1	AWG 15-10	0.63-0.67	3/4	82	96	92.0	0.85
								Rubber Cable		2/4	55	67	91.5	0.82
								[S1BN8-F]		1/4	28	43	88.0	0.66

4-poles

575 V

60 Hz

3~

NG

Cooling jacket

Installation type D/K

motor type efficiency class	motor rating P2 [hp]	max. temp. pum- ped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA		cable size power + control cable			motor data				
					I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
1104XNG	134	104	1764	125	700	F	2	AWG 3-4	1.06-1.13	4/4	108	125	92.2	0.87
-							+1	AWG 15-10	0.63-0.67	3/4	82	96	92.0	0.85
								Rubber Cable		2/4	55	67	91.5	0.82
								[S1BN8-F]		1/4	28	43	88.0	0.66
1304UNG	168	104	1778	148	948	G	2	AWG 3-4	1.06-1.13	4/4	135	148	93.1	0.91
-							+1	AWG 15-10	0.63-0.67	3/4	101	114	92.9	0.89
								Rubber Cable		2/4	68	81	91.8	0.85
								[S1BN8-F]		1/4	36	54	86.0	0.68
1304XNG	168	104	1778	148	948	G	2	AWG 3-4	1.06-1.13	4/4	135	148	93.1	0.91
-							+1	AWG 15-10	0.63-0.67	3/4	101	114	92.9	0.89
								Rubber Cable		2/4	68	81	91.8	0.85
								[S1BN8-F]		1/4	36	54	86.0	0.68
1554UNG	194	86	1780	170	1123	G	2	AWG 3-4	1.06-1.13	4/4	155	170	93.5	0.91
-							+1	AWG 15-10	0.63-0.67	3/4	116	131	93.3	0.89
								Rubber Cable		2/4	78	92	92.4	0.85
								[S1BN8-F]		1/4	41	61	87.8	0.68
1554XNG	194	86	1780	170	1123	G	2	AWG 3-4	1.06-1.13	4/4	155	170	93.5	0.91
-							+1	AWG 15-10	0.63-0.67	3/4	116	131	93.3	0.89
								Rubber Cable		2/4	78	92	92.4	0.85
								[S1BN8-F]		1/4	41	61	87.8	0.68
1754UNG	221	104	1780	194	1319	G	2	AWG 1-4	1.19-1.27	4/4	176	194	93.8	0.91
-							+1	AWG 15-10	0.63-0.67	3/4	132	150	93.6	0.89
								Rubber Cable		2/4	89	106	92.9	0.84
								[S1BN8-F]		1/4	46	70	88.8	0.67
1754XNG	221	104	1780	194	1319	G	2	AWG 1-4	1.19-1.27	4/4	176	194	93.8	0.91
-							+1	AWG 15-10	0.63-0.67	3/4	132	150	93.6	0.89
								Rubber Cable		2/4	89	106	92.9	0.84
								[S1BN8-F]		1/4	46	70	88.8	0.67
2004UNG	215	86	1789	186	1525	H	2	AWG 1-4	1.19-1.27	4/4	171	186	93.7	0.92
-							+1	AWG 15-10	0.63-0.67	3/4	129	144	93.3	0.90
								Rubber Cable		2/4	87	103	91.9	0.85
								[S1BN8-F]		1/4	46	68	86.8	0.68
2004XNG	215	86	1789	186	1525	H	2	AWG 1-4	1.19-1.27	4/4	171	186	93.7	0.92
-							+1	AWG 15-10	0.63-0.67	3/4	129	144	93.3	0.90
								Rubber Cable		2/4	87	103	91.9	0.85
								[S1BN8-F]		1/4	46	68	86.8	0.68
2504UNG	268	86	1790	232	1904	H	2	AWG 1/0-4	1.37-1.45	4/4	212	232	94.1	0.92
-							+1	AWG 15-10	0.63-0.67	3/4	160	178	93.8	0.90
								Rubber Cable		2/4	108	129	92.6	0.84
								[S1BN8-F]		1/4	57	85	88.0	0.67
2504XNG	268	86	1790	232	1904	H	2	AWG 1/0-4	1.37-1.45	4/4	212	232	94.1	0.92
-							+1	AWG 15-10	0.63-0.67	3/4	160	178	93.8	0.90
								Rubber Cable		2/4	108	129	92.6	0.84
								[S1BN8-F]		1/4	57	85	88.0	0.67

4-poles
575 V
60 Hz
3~
NG
Cooling jacket
Installation type D/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2		n _n	I _n	I _s	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
	[hp]	[°F]	[rpm]	[A]	[A]									
3004UNG	322	86	1790	278	2347	J	4	AWG 3-4	1.06-1.13	4/4	254	278	94.5	0.92
-							+1	AWG 15-10	0.63-0.67	3/4	191	213	94.3	0.90
								Rubber Cable		2/4	129	154	93.1	0.84
								[S1BN8-F]		1/4	68	103	88.8	0.66
3004XNG	322	86	1790	278	2347	J	4	AWG 3-4	1.06-1.13	4/4	254	278	94.5	0.92
-							+1	AWG 15-10	0.63-0.67	3/4	191	213	94.3	0.90
								Rubber Cable		2/4	129	154	93.1	0.84
								[S1BN8-F]		1/4	68	103	88.8	0.66

6-poles

575 V

60 Hz

3~

NG

Cooling jacket

Installation type D/K

motor type efficiency class	motor rating P2 [hp]	max. temp. pum- ped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA I _s [A]		NEMA code letter	cable size power + control cable			motor data				
								Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
326UNG	30	104	1183	32.8	194		H	2	AWG 11-4	0.49-0.53	4/4	25.8	32.8	86.7	0.79
-								+1	AWG 15-10	0.63-0.67	3/4	19.6	27.0	85.6	0.73
									Rubber Cable		2/4	13.6	21.6	82.5	0.63
									[S1BN8-F]		1/4	7.6	17.4	73.2	0.44
326XNG	30	104	1183	32.8	194		H	2	AWG 11-4	0.49-0.53	4/4	25.8	32.8	86.7	0.79
-								+1	AWG 15-10	0.63-0.67	3/4	19.6	27.0	85.6	0.73
									Rubber Cable		2/4	13.6	21.6	82.5	0.63
									[S1BN8-F]		1/4	7.6	17.4	73.2	0.44
406UNG	40	104	1182	43.6	278		H	2	AWG 11-4	0.49-0.53	4/4	34.3	43.6	87.1	0.79
-								+1	AWG 15-10	0.63-0.67	3/4	26.0	35.2	86.2	0.74
									Rubber Cable		2/4	18.0	28.2	83.1	0.64
									[S1BN8-F]		1/4	10.1	23.1	73.6	0.44
406XNG	40	104	1182	43.6	278		H	2	AWG 11-4	0.49-0.53	4/4	34.3	43.6	87.1	0.79
-								+1	AWG 15-10	0.63-0.67	3/4	26.0	35.2	86.2	0.74
									Rubber Cable		2/4	18.0	28.2	83.1	0.64
									[S1BN8-F]		1/4	10.1	23.1	73.6	0.44
506UNG	50	104	1185	48.6	346		H	2	AWG 11-4	0.49-0.53	4/4	42.1	48.6	88.5	0.87
-								+1	AWG 15-10	0.63-0.67	3/4	31.8	38.5	87.9	0.83
									Rubber Cable		2/4	21.8	29.1	85.7	0.75
									[S1BN8-F]		1/4	12.0	21.9	77.6	0.55
506XNG	50	104	1185	48.6	346		H	2	AWG 11-4	0.49-0.53	4/4	42.1	48.6	88.5	0.87
-								+1	AWG 15-10	0.63-0.67	3/4	31.8	38.5	87.9	0.83
									Rubber Cable		2/4	21.8	29.1	85.7	0.75
									[S1BN8-F]		1/4	12.0	21.9	77.6	0.55
606UNG	80	104	1179	74.8	432		F	2	AWG 7-4	0.72-0.77	4/4	65.8	74.8	90.7	0.88
-								+1	AWG 15-10	0.63-0.67	3/4	49.5	58.4	90.5	0.85
									Rubber Cable		2/4	33.2	42.8	90.0	0.78
									[S1BN8-F]		1/4	17.5	30.1	85.3	0.58
606XNG	80	104	1179	74.8	432		F	2	AWG 7-4	0.72-0.77	4/4	65.8	74.8	90.7	0.88
-								+1	AWG 15-10	0.63-0.67	3/4	49.5	58.4	90.5	0.85
									Rubber Cable		2/4	33.2	42.8	90.0	0.78
									[S1BN8-F]		1/4	17.5	30.1	85.3	0.58
806UNG	100	104	1179	94.5	544		F	2	AWG 5-4	0.89-0.94	4/4	82.2	94.5	90.7	0.87
-								+1	AWG 15-10	0.63-0.67	3/4	61.3	72.7	91.2	0.85
									Rubber Cable		2/4	41.2	54.2	90.5	0.76
									[S1BN8-F]		1/4	21.9	40.3	85.1	0.55
806XNG	100	104	1179	94.5	544		F	2	AWG 5-4	0.89-0.94	4/4	82.2	94.5	90.7	0.87
-								+1	AWG 15-10	0.63-0.67	3/4	61.3	72.7	91.2	0.85
									Rubber Cable		2/4	41.2	54.2	90.5	0.76
									[S1BN8-F]		1/4	21.9	40.3	85.1	0.55
1006UNG	121	104	1180	112	672		F	2	AWG 5-4	0.89-0.94	4/4	98.6	112	91.6	0.88
-								+1	AWG 15-10	0.63-0.67	3/4	74.0	87	91.4	0.85
									Rubber Cable		2/4	50.0	64	90.2	0.78
									[S1BN8-F]		1/4	26.0	45	86.8	0.58

6-poles

575 V

60 Hz

3~

NG

Cooling jacket

Installation type D/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2		n _n	I _n	I _s	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
	[hp]	[°F]	[rpm]	[A]	[A]									
1006XNG	121	104	1180	112	672	F	2	AWG 5-4	0.89-0.94	4/4	98.6	112	91.6	0.88
-							+1	AWG 15-10	0.63-0.67	3/4	74.0	87	91.4	0.85
								Rubber Cable		2/4	50.0	64	90.2	0.78
								[S1BN8-F]		1/4	26.0	45	86.8	0.58
1206UNG	161	104	1181	144	828	F	2	AWG 3-4	1.06-1.13	4/4	130	144	92.6	0.90
-							+1	AWG 15-10	0.63-0.67	3/4	97	110	92.5	0.89
								Rubber Cable		2/4	65	77	92.5	0.85
								[S1BN8-F]		1/4	34	50	89.1	0.68
1206XNG	161	104	1181	144	828	F	2	AWG 3-4	1.06-1.13	4/4	130	144	92.6	0.90
-							+1	AWG 15-10	0.63-0.67	3/4	97	110	92.5	0.89
								Rubber Cable		2/4	65	77	92.5	0.85
								[S1BN8-F]		1/4	34	50	89.1	0.68
1406UNG	188	104	1184	171	1147	G	2	AWG 1-4	1.19-1.27	4/4	150	171	93.4	0.88
-							+1	AWG 15-10	0.63-0.67	3/4	113	132	93.2	0.86
								Rubber Cable		2/4	76	94	92.8	0.80
								[S1BN8-F]		1/4	39	65	89.5	0.61
1406XNG	188	104	1184	171	1147	G	2	AWG 1-4	1.19-1.27	4/4	150	171	93.4	0.88
-							+1	AWG 15-10	0.63-0.67	3/4	113	132	93.2	0.86
								Rubber Cable		2/4	76	94	92.8	0.80
								[S1BN8-F]		1/4	39	65	89.5	0.61
1656UNG	215	104	1183	191	1470	H	2	AWG 1/0-4	1.37-1.45	4/4	172	191	93.4	0.90
-							+1	AWG 15-10	0.63-0.67	3/4	129	146	93.2	0.89
								Rubber Cable		2/4	86	104	92.9	0.83
								[S1BN8-F]		1/4	45	68	89.9	0.66
1656XNG	215	104	1183	191	1470	H	2	AWG 1/0-4	1.37-1.45	4/4	172	191	93.4	0.90
-							+1	AWG 15-10	0.63-0.67	3/4	129	146	93.2	0.89
								Rubber Cable		2/4	86	104	92.9	0.83
								[S1BN8-F]		1/4	45	68	89.9	0.66
1906UNG	228	104	1191	199	1320	G	2	AWG 1/0-4	1.37-1.45	4/4	181	199	93.8	0.91
-							+1	AWG 15-10	0.63-0.67	3/4	136	151	93.9	0.90
								Rubber Cable		2/4	92	111	92.9	0.83
								[S1BN8-F]		1/4	48	80	88.0	0.61
1906XNG	228	104	1191	199	1320	G	2	AWG 1/0-4	1.37-1.45	4/4	181	199	93.8	0.91
-							+1	AWG 15-10	0.63-0.67	3/4	136	151	93.9	0.90
								Rubber Cable		2/4	92	111	92.9	0.83
								[S1BN8-F]		1/4	48	80	88.0	0.61
2256UNG	268	104	1191	237	1681	G	2	AWG 1/0-4	1.37-1.45	4/4	212	237	94.4	0.90
-							+1	AWG 15-10	0.63-0.67	3/4	159	183	94.2	0.87
								Rubber Cable		2/4	107	136	93.0	0.79
								[S1BN8-F]		1/4	57	96	88.3	0.59
2256XNG	268	104	1191	237	1681	G	2	AWG 1/0-4	1.37-1.45	4/4	212	237	94.4	0.90
-							+1	AWG 15-10	0.63-0.67	3/4	159	183	94.2	0.87
								Rubber Cable		2/4	107	136	93.0	0.79
								[S1BN8-F]		1/4	57	96	88.3	0.59

6-poles

575 V

60 Hz

3~

NG

Cooling jacket

Installation type D/K

motor type efficiency class	motor rating P2 [hp]	max. temp. pumped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA		cable size power + control cable			motor data				
					I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
2606UNG	315	104	1194	279	1882	G	4	AWG 3-4	1.06-1.13	4/4	249	279	94.2	0.90
-							+1	AWG 15-10	0.63-0.67	3/4	188	218	93.9	0.86
-								Rubber Cable		2/4	127	166	92.8	0.77
-								[S1BN8-F]		1/4	66	120	88.8	0.55
2606XNG	315	104	1194	279	1882	G	4	AWG 3-4	1.06-1.13	4/4	249	279	94.2	0.90
-							+1	AWG 15-10	0.63-0.67	3/4	188	218	93.9	0.86
-								Rubber Cable		2/4	127	166	92.8	0.77
-								[S1BN8-F]		1/4	66	120	88.8	0.55
3206UNG	389	104	1191	341	2295	G	4	AWG 1-4	1.19-1.27	4/4	305	341	95.0	0.90
-							+1	AWG 15-10	0.63-0.67	3/4	229	256	94.9	0.90
-								Rubber Cable		2/4	154	187	93.9	0.83
-								[S1BN8-F]		1/4	81	132	89.6	0.62
3206XNG	389	104	1191	341	2295	G	4	AWG 1-4	1.19-1.27	4/4	305	341	95.0	0.90
-							+1	AWG 15-10	0.63-0.67	3/4	229	256	94.9	0.90
-								Rubber Cable		2/4	154	187	93.9	0.83
-								[S1BN8-F]		1/4	81	132	89.6	0.62
3606UNG	436	104	1193	378	2795	H	4	AWG 1-4	1.19-1.27	4/4	341	378	95.3	0.91
-							+1	AWG 15-10	0.63-0.67	3/4	256	286	95.4	0.90
-								Rubber Cable		2/4	172	211	94.6	0.82
-								[S1BN8-F]		1/4	90	153	90.4	0.59
3606XNG	436	104	1193	378	2795	H	4	AWG 1-4	1.19-1.27	4/4	341	378	95.3	0.91
-							+1	AWG 15-10	0.63-0.67	3/4	256	286	95.4	0.90
-								Rubber Cable		2/4	172	211	94.6	0.82
-								[S1BN8-F]		1/4	90	153	90.4	0.59
4006UNG	483	104	1195	429	3419	H	6	AWG 3-4	1.06-1.13	4/4	379	429	95.0	0.89
-							+1	AWG 15-10	0.63-0.67	3/4	286	340	94.5	0.84
-								Rubber Cable		2/4	193	264	93.2	0.74
-								[S1BN8-F]		1/4	101	199	88.9	0.51
4006XNG	483	104	1195	429	3419	H	6	AWG 3-4	1.06-1.13	4/4	379	429	95.0	0.89
-							+1	AWG 15-10	0.63-0.67	3/4	286	340	94.5	0.84
-								Rubber Cable		2/4	193	264	93.2	0.74
-								[S1BN8-F]		1/4	101	199	88.9	0.51
4406UNG	536	104	1194	458	495	A	6	AWG 3-4	1.06-1.13	4/4	420	458	95.2	0.92
-							+1	AWG 15-10	0.63-0.67	3/4	315	351	95.1	0.90
-								Rubber Cable		2/4	211	252	94.7	0.84
-								[S1BN8-F]		1/4	109	166	91.6	0.66
4406XNG	536	104	1194	458	495	A	6	AWG 3-4	1.06-1.13	4/4	420	458	95.2	0.92
-							+1	AWG 15-10	0.63-0.67	3/4	315	351	95.1	0.90
-								Rubber Cable		2/4	211	252	94.7	0.84
-								[S1BN8-F]		1/4	109	166	91.6	0.66
4806UNG	590	104	1194	522	4140	H	6	AWG 1-4	1.19-1.27	4/4	465	522	94.6	0.89
-							+1	AWG 15-10	0.63-0.67	3/4	352	411	93.8	0.86
-								Rubber Cable		2/4	239	318	92.2	0.75
-								[S1BN8-F]		1/4	126	241	87.2	0.53

6-poles

575 V

60 Hz

3~

NG

Cooling jacket

Installation type D/K

motor type efficiency class	motor rating	max. temp. pum- ped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2		n _n	I _n	I _s	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
	[hp]	[°F]	[rpm]	[A]	[A]									
4806XNG	590	104	1194	522	4140	H	6	AWG 1-4	1.19-1.27	4/4	465	522	94.6	0.89
-							+1	AWG 15-10	0.63-0.67	3/4	352	411	93.8	0.86
								Rubber Cable		2/4	239	318	92.2	0.75
								[S1BN8-F]		1/4	126	241	87.2	0.53

8-poles

575 V

60 Hz

3~

NG

Cooling jacket

Installation type D/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
268UNG	30	104	885	35.3	167	F	2	AWG 11-4	0.49-0.53	4/4	26.0	35.3	86.1	0.74
-							+1	AWG 15-10	0.63-0.67	3/4	19.8	29.2	84.8	0.68
-								Rubber Cable		2/4	13.7	24.1	81.7	0.57
-								[S1BN8-F]		1/4	7.8	21.1	72.0	0.37
268XNG	30	104	885	35.3	167	F	2	AWG 11-4	0.49-0.53	4/4	26.0	35.3	86.1	0.74
-							+1	AWG 15-10	0.63-0.67	3/4	19.8	29.2	84.8	0.68
-								Rubber Cable		2/4	13.7	24.1	81.7	0.57
-								[S1BN8-F]		1/4	7.8	21.1	72.0	0.37
358UNG	40	104	885	42.0	218	F	2	AWG 11-4	0.49-0.53	4/4	34.3	42.0	86.9	0.82
-							+1	AWG 15-10	0.63-0.67	3/4	25.8	33.7	86.6	0.77
-								Rubber Cable		2/4	17.7	26.5	84.4	0.67
-								[S1BN8-F]		1/4	9.8	20.9	76.3	0.47
358XNG	40	104	885	42.0	218	F	2	AWG 11-4	0.49-0.53	4/4	34.3	42.0	86.9	0.82
-							+1	AWG 15-10	0.63-0.67	3/4	25.8	33.7	86.6	0.77
-								Rubber Cable		2/4	17.7	26.5	84.4	0.67
-								[S1BN8-F]		1/4	9.8	20.9	76.3	0.47
508UNG	67	104	885	71.6	373	F	2	AWG 7-4	0.72-0.77	4/4	55.8	71.6	89.5	0.78
-							+1	AWG 15-10	0.63-0.67	3/4	42.0	58.4	89.3	0.72
-								Rubber Cable		2/4	28.4	47.2	88.1	0.60
-								[S1BN8-F]		1/4	15.3	40.0	81.6	0.38
508XNG	67	104	885	71.6	373	F	2	AWG 7-4	0.72-0.77	4/4	55.8	71.6	89.5	0.78
-							+1	AWG 15-10	0.63-0.67	3/4	42.0	58.4	89.3	0.72
-								Rubber Cable		2/4	28.4	47.2	88.1	0.60
-								[S1BN8-F]		1/4	15.3	40.0	81.6	0.38
758UNG	100	104	883	105	557	F	2	AWG 5-4	0.89-0.94	4/4	82.4	105	90.5	0.79
-							+1	AWG 15-10	0.63-0.67	3/4	62.0	85	90.3	0.73
-								Rubber Cable		2/4	41.5	68	89.8	0.61
-								[S1BN8-F]		1/4	22.2	57	84.0	0.39
758XNG	100	104	883	105	557	F	2	AWG 5-4	0.89-0.94	4/4	82.4	105	90.5	0.79
-							+1	AWG 15-10	0.63-0.67	3/4	62.0	85	90.3	0.73
-								Rubber Cable		2/4	41.5	68	89.8	0.61
-								[S1BN8-F]		1/4	22.2	57	84.0	0.39
908UNG	121	104	890	124	707	G	2	AWG 3-4	1.06-1.13	4/4	98.4	124	91.7	0.80
-							+1	AWG 15-10	0.63-0.67	3/4	73.9	101	91.6	0.74
-								Rubber Cable		2/4	49.9	82	90.4	0.61
-								[S1BN8-F]		1/4	26.4	66	85.4	0.40
908XNG	121	104	890	124	707	G	2	AWG 3-4	1.06-1.13	4/4	98.4	124	91.7	0.80
-							+1	AWG 15-10	0.63-0.67	3/4	73.9	101	91.6	0.74
-								Rubber Cable		2/4	49.9	82	90.4	0.61
-								[S1BN8-F]		1/4	26.4	66	85.4	0.40
1108UNG	148	104	890	152	875	G	2	AWG 3-4	1.06-1.13	4/4	119	152	92.4	0.79
-							+1	AWG 15-10	0.63-0.67	3/4	90	124	91.9	0.73
-								Rubber Cable		2/4	61	101	90.9	0.60
-								[S1BN8-F]		1/4	32	83	86.0	0.39

8-poles
575 V
60 Hz
3~
NG
Cooling jacket
Installation type D/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2		n _n	I _n	I _s	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
	[hp]	[°F]	[rpm]	[A]	[A]									
1108XNG	148	104	890	152	875	G	2	AWG 3-4	1.06-1.13	4/4	119	152	92.4	0.79
-							+1	AWG 15-10	0.63-0.67	3/4	90	124	91.9	0.73
-								Rubber Cable		2/4	61	101	90.9	0.60
-								[S1BN8-F]		1/4	32	83	86.0	0.39
1308UNG	174	104	890	175	979	G	2	AWG 1-4	1.19-1.27	4/4	140	175	92.7	0.80
-							+1	AWG 15-10	0.63-0.67	3/4	105	139	92.7	0.76
-								Rubber Cable		2/4	71	110	91.6	0.65
-								[S1BN8-F]		1/4	37	88	87.2	0.42
1308XNG	174	104	890	175	979	G	2	AWG 1-4	1.19-1.27	4/4	140	175	92.7	0.80
-							+1	AWG 15-10	0.63-0.67	3/4	105	139	92.7	0.76
-								Rubber Cable		2/4	71	110	91.6	0.65
-								[S1BN8-F]		1/4	37	88	87.2	0.42
1508UNG	200	104	895	197	1192	G	2	AWG 1/0-4	1.37-1.45	4/4	159	197	93.6	0.81
-							+1	AWG 15-10	0.63-0.67	3/4	120	158	93.2	0.76
-								Rubber Cable		2/4	81	125	92.1	0.65
-								[S1BN8-F]		1/4	43	103	86.7	0.42
1508XNG	200	104	895	197	1192	G	2	AWG 1/0-4	1.37-1.45	4/4	159	197	93.6	0.81
-							+1	AWG 15-10	0.63-0.67	3/4	120	158	93.2	0.76
-								Rubber Cable		2/4	81	125	92.1	0.65
-								[S1BN8-F]		1/4	43	103	86.7	0.42
1858UNG	235	104	895	237	1522	H	2	AWG 1/0-4	1.37-1.45	4/4	187	237	93.8	0.79
-							+1	AWG 15-10	0.63-0.67	3/4	140	193	93.7	0.73
-								Rubber Cable		2/4	95	156	92.3	0.61
-								[S1BN8-F]		1/4	51	128	86.6	0.40
1858XNG	235	104	895	237	1522	H	2	AWG 1/0-4	1.37-1.45	4/4	187	237	93.8	0.79
-							+1	AWG 15-10	0.63-0.67	3/4	140	193	93.7	0.73
-								Rubber Cable		2/4	95	156	92.3	0.61
-								[S1BN8-F]		1/4	51	128	86.6	0.40
2208UNG	268	104	895	257	1561	G	4	AWG 3-4	1.06-1.13	4/4	213	257	93.7	0.83
-							+1	AWG 15-10	0.63-0.67	3/4	161	206	93.1	0.79
-								Rubber Cable		2/4	109	165	91.6	0.66
-								[S1BN8-F]		1/4	58	133	86.7	0.44
2208XNG	268	104	895	257	1561	G	4	AWG 3-4	1.06-1.13	4/4	213	257	93.7	0.83
-							+1	AWG 15-10	0.63-0.67	3/4	161	206	93.1	0.79
-								Rubber Cable		2/4	109	165	91.6	0.66
-								[S1BN8-F]		1/4	58	133	86.7	0.44
2608UNG	335	104	895	334	2082	G	4	AWG 1-4	1.19-1.27	4/4	265	334	94.3	0.80
-							+1	AWG 15-10	0.63-0.67	3/4	200	274	93.8	0.73
-								Rubber Cable		2/4	134	214	93.4	0.63
-								[S1BN8-F]		1/4	71	177	88.3	0.40
2608XNG	335	104	895	334	2082	G	4	AWG 1-4	1.19-1.27	4/4	265	334	94.3	0.80
-							+1	AWG 15-10	0.63-0.67	3/4	200	274	93.8	0.73
-								Rubber Cable		2/4	134	214	93.4	0.63
-								[S1BN8-F]		1/4	71	177	88.3	0.40

8-poles

575 V

60 Hz

3~

NG

Cooling jacket

Installation type D/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
3008UNG	389	104	896	387	2517	H	6	AWG 3-4	1.06-1.13	4/4	309	387	93.8	0.80
-							+1	AWG 15-10	0.63-0.67	3/4	234	316	93.1	0.74
-								Rubber Cable		2/4	158	255	92.0	0.62
-								[S1BN8-F]		1/4	84	206	86.1	0.41
3008XNG	389	104	896	387	2517	H	6	AWG 3-4	1.06-1.13	4/4	309	387	93.8	0.80
-							+1	AWG 15-10	0.63-0.67	3/4	234	316	93.1	0.74
-								Rubber Cable		2/4	158	255	92.0	0.62
-								[S1BN8-F]		1/4	84	206	86.1	0.41
3508UNG	436	104	896	416	2725	G	6	AWG 3-4	1.06-1.13	4/4	343	416	94.9	0.83
-							+1	AWG 15-10	0.63-0.67	3/4	259	333	94.3	0.78
-								Rubber Cable		2/4	173	258	94.0	0.67
-								[S1BN8-F]		1/4	91	206	89.7	0.44
3508XNG	436	104	896	416	2725	G	6	AWG 3-4	1.06-1.13	4/4	343	416	94.9	0.83
-							+1	AWG 15-10	0.63-0.67	3/4	259	333	94.3	0.78
-								Rubber Cable		2/4	173	258	94.0	0.67
-								[S1BN8-F]		1/4	91	206	89.7	0.44
4008UNG	483	104	895	465	3159	H	4	AWG 1/0-4	1.37-1.45	4/4	378	465	95.2	0.82
-							+1	AWG 15-10	0.63-0.67	3/4	284	373	95.2	0.76
-								Rubber Cable		2/4	191	297	94.2	0.65
-								[S1BN8-F]		1/4	100	237	89.8	0.42
4008XNG	483	104	895	465	3159	H	4	AWG 1/0-4	1.37-1.45	4/4	378	465	95.2	0.82
-							+1	AWG 15-10	0.63-0.67	3/4	284	373	95.2	0.76
-								Rubber Cable		2/4	191	297	94.2	0.65
-								[S1BN8-F]		1/4	100	237	89.8	0.42

10-poles
575 V
60 Hz
3~
NG
Cooling jacket
Installation type D/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
4010UNG	50	104	711	58.0	339	H	2	AWG 5-4	0.89-0.94	4/4	41.8	58.0	89.3	0.72
							+1	AWG 15-10	0.63-0.67	3/4	31.3	46.0	89.4	0.68
								Rubber Cable		2/4	21.4	38.9	87.0	0.55
								[S1BN8-F]		1/4	11.8	33.9	79.0	0.35
4010XNG	50	104	711	58.0	339	H	2	AWG 5-4	0.89-0.94	4/4	41.8	58.0	89.3	0.72
							+1	AWG 15-10	0.63-0.67	3/4	31.3	46.0	89.4	0.68
								Rubber Cable		2/4	21.4	38.9	87.0	0.55
								[S1BN8-F]		1/4	11.8	33.9	79.0	0.35
6010UNG	80	104	710	91.2	501	G	2	AWG 5-4	0.89-0.94	4/4	66.5	91.2	89.7	0.73
							+1	AWG 15-10	0.63-0.67	3/4	50.4	76.8	88.8	0.66
								Rubber Cable		2/4	34.4	66.4	86.6	0.52
								[S1BN8-F]		1/4	18.8	58.4	79.3	0.32
6010XNG	80	104	710	91.2	501	G	2	AWG 5-4	0.89-0.94	4/4	66.5	91.2	89.7	0.73
							+1	AWG 15-10	0.63-0.67	3/4	50.4	76.8	88.8	0.66
								Rubber Cable		2/4	34.4	66.4	86.6	0.52
								[S1BN8-F]		1/4	18.8	58.4	79.3	0.32
7510UNG	100	104	707	106	530	F	2	AWG 5-4	0.89-0.94	4/4	81.8	106	91.2	0.77
							+1	AWG 15-10	0.63-0.67	3/4	61.4	86	91.1	0.71
								Rubber Cable		2/4	41.4	70	90.2	0.59
								[S1BN8-F]		1/4	21.9	59	85.1	0.37
7510XNG	100	104	707	106	530	F	2	AWG 5-4	0.89-0.94	4/4	81.8	106	91.2	0.77
							+1	AWG 15-10	0.63-0.67	3/4	61.4	86	91.1	0.71
								Rubber Cable		2/4	41.4	70	90.2	0.59
								[S1BN8-F]		1/4	21.9	59	85.1	0.37
9010UNG	121	104	710	134	710	G	2	AWG 3-4	1.06-1.13	4/4	98.9	134	91.2	0.74
							+1	AWG 15-10	0.63-0.67	3/4	74.3	112	91.1	0.67
								Rubber Cable		2/4	50.1	92	90.0	0.55
								[S1BN8-F]		1/4	26.7	80	84.5	0.34
9010XNG	121	104	710	134	710	G	2	AWG 3-4	1.06-1.13	4/4	98.9	134	91.2	0.74
							+1	AWG 15-10	0.63-0.67	3/4	74.3	112	91.1	0.67
								Rubber Cable		2/4	50.1	92	90.0	0.55
								[S1BN8-F]		1/4	26.7	80	84.5	0.34
11010UNG	148	104	715	159	920	G	2	AWG 3-4	1.06-1.13	4/4	119	159	92.4	0.75
							+1	AWG 15-10	0.63-0.67	3/4	90	128	92.1	0.71
								Rubber Cable		2/4	61	106	90.5	0.58
								[S1BN8-F]		1/4	33	92	84.1	0.36
11010XNG	148	104	715	159	920	G	2	AWG 3-4	1.06-1.13	4/4	119	159	92.4	0.75
							+1	AWG 15-10	0.63-0.67	3/4	90	128	92.1	0.71
								Rubber Cable		2/4	61	106	90.5	0.58
								[S1BN8-F]		1/4	33	92	84.1	0.36
15010UNG	200	104	715	211	1211	G	2	AWG 1/0-4	1.37-1.45	4/4	160	211	93.2	0.76
							+1	AWG 15-10	0.63-0.67	3/4	121	171	92.4	0.71
								Rubber Cable		2/4	81	140	92.1	0.58
								[S1BN8-F]		1/4	43	117	86.7	0.37

10-poles

575 V

60 Hz

3~

NG

Cooling jacket

Installation type D/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
15010XNG	200	104	715	211	1211	G	2	AWG 1/0-4	1.37-1.45	4/4	160	211	93.2	0.76
							+1	AWG 15-10	0.63-0.67	3/4	121	171	92.4	0.71
								Rubber Cable		2/4	81	140	92.1	0.58
								[S1BN8-F]		1/4	43	117	86.7	0.37
19010UNG	235	104	714	257	1601	H	4	AWG 3-4	1.06-1.13	4/4	188	257	93.3	0.73
							+1	AWG 15-10	0.63-0.67	3/4	141	214	93.1	0.66
								Rubber Cable		2/4	96	183	91.7	0.52
								[S1BN8-F]		1/4	51	165	85.6	0.31
19010XNG	235	104	714	257	1601	H	4	AWG 3-4	1.06-1.13	4/4	188	257	93.3	0.73
							+1	AWG 15-10	0.63-0.67	3/4	141	214	93.1	0.66
								Rubber Cable		2/4	96	183	91.7	0.52
								[S1BN8-F]		1/4	51	165	85.6	0.31
23010UNG	310	104	713	310	1876	G	4	AWG 3-4	1.06-1.13	4/4	249	310	92.8	0.81
							+1	AWG 15-10	0.63-0.67	3/4	188	248	92.5	0.76
								Rubber Cable		2/4	126	195	91.6	0.65
								[S1BN8-F]		1/4	66	151	87.4	0.44
23010XNG	310	104	713	310	1876	G	4	AWG 3-4	1.06-1.13	4/4	249	310	92.8	0.81
							+1	AWG 15-10	0.63-0.67	3/4	188	248	92.5	0.76
								Rubber Cable		2/4	126	195	91.6	0.65
								[S1BN8-F]		1/4	66	151	87.4	0.44
27010UNG	361	104	713	353	2178	G	6	AWG 3-4	1.06-1.13	4/4	288	353	93.5	0.82
							+1	AWG 15-10	0.63-0.67	3/4	216	282	93.4	0.77
								Rubber Cable		2/4	145	221	92.7	0.66
								[S1BN8-F]		1/4	76	177	88.9	0.43
27010XNG	361	104	713	353	2178	G	6	AWG 3-4	1.06-1.13	4/4	288	353	93.5	0.82
							+1	AWG 15-10	0.63-0.67	3/4	216	282	93.4	0.77
								Rubber Cable		2/4	145	221	92.7	0.66
								[S1BN8-F]		1/4	76	177	88.9	0.43
31010UNG	415	104	714	406	2498	G	6	AWG 3-4	1.06-1.13	4/4	332	406	93.4	0.82
							+1	AWG 15-10	0.63-0.67	3/4	249	324	93.3	0.77
								Rubber Cable		2/4	167	254	92.5	0.66
								[S1BN8-F]		1/4	87	198	88.8	0.44
31010XNG	415	104	714	406	2498	G	6	AWG 3-4	1.06-1.13	4/4	332	406	93.4	0.82
							+1	AWG 15-10	0.63-0.67	3/4	249	324	93.3	0.77
								Rubber Cable		2/4	167	254	92.5	0.66
								[S1BN8-F]		1/4	87	198	88.8	0.44
35010UNG	456	104	713	451	2745	G	4	AWG 1/0-4	1.37-1.45	4/4	362	451	93.9	0.81
							+1	AWG 15-10	0.63-0.67	3/4	271	360	94.0	0.76
								Rubber Cable		2/4	183	286	93.1	0.64
								[S1BN8-F]		1/4	96	229	88.7	0.42
35010XNG	456	104	713	451	2745	G	4	AWG 1/0-4	1.37-1.45	4/4	362	451	93.9	0.81
							+1	AWG 15-10	0.63-0.67	3/4	271	360	94.0	0.76
								Rubber Cable		2/4	183	286	93.1	0.64
								[S1BN8-F]		1/4	96	229	88.7	0.42

12-poles
575 V
60 Hz
3~
NG
Cooling jacket
Installation type D/K

motor type	motor rating	max. temp. pumped media	speed nom.	FLA	LRA		cable size power + control cable			motor data				
	P2 [hp]	[°F]	n _n [rpm]	I _n [A]	I _s [A]	NEMA code letter	Qty.	type	Ø min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
19512UNG	260	104	595	301	1645	H	4	AWG 3-4	1.06-1.13	4/4	210	301	92.5	0.70
							+1	AWG 15-10	0.63-0.67	3/4	158	251	92.3	0.63
								Rubber Cable		2/4	106	213	91.5	0.50
								[S1BN8-F]		1/4	56	187	86.6	0.30
19512XNG	260	104	595	301	1645	H	4	AWG 3-4	1.06-1.13	4/4	210	301	92.5	0.70
							+1	AWG 15-10	0.63-0.67	3/4	158	251	92.3	0.63
								Rubber Cable		2/4	106	213	91.5	0.50
								[S1BN8-F]		1/4	56	187	86.6	0.30
23012UNG	295	104	594	330	1798	G	4	AWG 1-4	1.19-1.27	4/4	237	330	92.9	0.72
							+1	AWG 15-10	0.63-0.67	3/4	178	275	92.7	0.65
								Rubber Cable		2/4	120	233	91.4	0.52
								[S1BN8-F]		1/4	64	202	85.8	0.32
23012XNG	295	104	594	330	1798	G	4	AWG 1-4	1.19-1.27	4/4	237	330	92.9	0.72
							+1	AWG 15-10	0.63-0.67	3/4	178	275	92.7	0.65
								Rubber Cable		2/4	120	233	91.4	0.52
								[S1BN8-F]		1/4	64	202	85.8	0.32
26512UNG	335	104	594	374	2078	G	4	AWG 1-4	1.19-1.27	4/4	268	374	93.2	0.72
							+1	AWG 15-10	0.63-0.67	3/4	201	313	93.1	0.65
								Rubber Cable		2/4	136	264	91.8	0.52
								[S1BN8-F]		1/4	72	228	86.3	0.32
26512XNG	335	104	594	374	2078	G	4	AWG 1-4	1.19-1.27	4/4	268	374	93.2	0.72
							+1	AWG 15-10	0.63-0.67	3/4	201	313	93.1	0.65
								Rubber Cable		2/4	136	264	91.8	0.52
								[S1BN8-F]		1/4	72	228	86.3	0.32
30012UNG	375	104	595	431	2519	H	4	AWG 1/0-4	1.37-1.45	4/4	299	431	93.5	0.70
							+1	AWG 15-10	0.63-0.67	3/4	226	368	93.0	0.62
								Rubber Cable		2/4	153	315	91.4	0.49
								[S1BN8-F]		1/4	82	272	85.6	0.30
30012XNG	375	104	595	431	2519	H	4	AWG 1/0-4	1.37-1.45	4/4	299	431	93.5	0.70
							+1	AWG 15-10	0.63-0.67	3/4	226	368	93.0	0.62
								Rubber Cable		2/4	153	315	91.4	0.49
								[S1BN8-F]		1/4	82	272	85.6	0.30



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