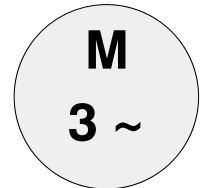


Electrical data for submersible motors

60 Hz
standard range



This motor catalogue is only valid in conjunction with the current type series booklet for Amaline.

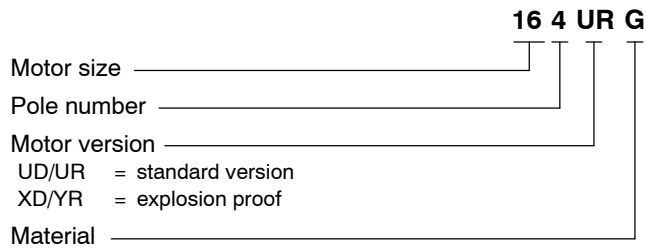
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General Description

All submersible pumps type Amaline have three-phase squirrel-cage induction motors.

Type designation



Frequency

60 Hz

Voltage

Standard voltage rating: 380V, 460V and 575V
 Further voltage ratings will be possible on request.

Allowances for mains deviation are according to range A of IEC 60 034-1:

supply voltage $\pm 5\%$, supply frequency $\pm 2\%$

Range B of IEC 60 034-1 is possible but continuous operation is not recommended:

supply voltage $\pm 10\%$

Starting mode

Across the line (D. O. L.)

Switching frequency

motor ratings up to 10 hp: max. 30/hr

motor ratings above 10 hp: max. 10/hr

for all motor ratings: 5,000 switching operations per year at maximum.

Mode of temperatures:

Insulation system corresponds to insulation class F.
 The maximum mixed medium temperature is noted in the data tables.

Operation with variable frequency drive (VFD)

All motors are suitable for operation with VFD.
 All motors have a 1.15 service factor.

For information on the electrical installation and the operating limits refer to the operating manual of the submersible motor pump.

motor data
2-poles
380 V
60 Hz
3~
G

motor type	motor rating P2 [hp]	max. temp. pumped media [°F]	speed nom. n_n [rpm]	FLA I_n [A]	LRA		cable size			motor data				
					I_s [A]	NEMA code letter	Qty.	type	\varnothing min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
172URG	23	104	3540	34.4	341	L	1	AWG 9-7+15-5	0.94-1.06	4/4	19.4	34.4	88.2	0.86
								3/4		14.9	27.7	86.6	0.81	
								2/4		10.3	21.5	83.5	0.72	
								1/4		5.9	17.1	72.8	0.52	
								Rubber Cable [S1BN8-F]						
172XRG	23	104	3540	34.4	341	L	1	AWG 9-7+15-5	0.94-1.06	4/4	19.4	34.4	88.2	0.86
								3/4		14.9	27.7	86.6	0.81	
								2/4		10.3	21.5	83.5	0.72	
								1/4		5.9	17.1	72.8	0.52	
								Rubber Cable [S1BN8-F]						
252URG	33	104	3550	45.2	327	H	1	AWG 7-7+15-5	0.96-1.08	4/4	27.0	45.2	91.1	0.91
								3/4		20.3	34.3	91.1	0.90	
								2/4		13.7	24.8	89.6	0.84	
								1/4		7.4	17.4	82.8	0.65	
								Rubber Cable [S1BN8-F]						
252XRG	33	104	3550	45.2	327	H	1	AWG 7-7+15-5	0.96-1.08	4/4	27.0	45.2	91.1	0.91
								3/4		20.3	34.3	91.1	0.90	
								2/4		13.7	24.8	89.6	0.84	
								1/4		7.4	17.4	82.8	0.65	
								Rubber Cable [S1BN8-F]						

motor data
4-poles
380 V
60 Hz
3~
G

motor type	motor rating P2 [hp]	max. temp. pumped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA		Qty.	cable size		motor data				
					I _s [A]	NEMA code letter		type	∅ min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
14UDG	1.7	104	1715	3.22	16	G	1	AWG 15-7	0.52-0.57	4/4	1.66	3.22	76.6	0.78
										3/4	1.26	2.74	75.5	0.70
										2/4	0.87	2.40	73.2	0.55
										1/4	0.51	2.13	62.8	0.36
14XDG	1.7	104	1715	3.22	16	G	1	AWG 15-7	0.52-0.57	4/4	1.66	3.22	76.6	0.78
										3/4	1.26	2.74	75.5	0.70
										2/4	0.87	2.40	73.2	0.55
										1/4	0.51	2.13	62.8	0.36
24UDG	3.4	104	1695	6.05	25	E	1	AWG 15-7	0.52-0.57	4/4	3.22	6.05	78.7	0.81
										3/4	2.38	4.89	79.9	0.74
										2/4	1.63	4.13	77.7	0.60
										1/4	0.94	3.64	67.8	0.39
24XDG	3.4	104	1695	6.05	25	E	1	AWG 15-7	0.52-0.57	4/4	3.22	6.05	78.7	0.81
										3/4	2.38	4.89	79.9	0.74
										2/4	1.63	4.13	77.7	0.60
										1/4	0.94	3.64	67.8	0.39
44URG	6	104	1750	9.20	67	J	1	AWG 15-12	0.65-0.69	4/4	5.20	9.20	86.0	0.86
										3/4	3.91	7.32	85.8	0.81
										2/4	2.68	5.81	83.4	0.70
										1/4	1.49	4.68	74.9	0.48
44XRG	6	104	1750	9.20	67	J	1	AWG 15-12	0.65-0.69	4/4	5.20	9.20	86.0	0.86
										3/4	3.91	7.32	85.8	0.81
										2/4	2.68	5.81	83.4	0.70
										1/4	1.49	4.68	74.9	0.48
54URG	8.6	104	1750	13.2	92	H	1	AWG 15-12	0.65-0.69	4/4	7.45	13.2	86.1	0.86
										3/4	5.58	10.4	86.2	0.82
										2/4	3.78	8.0	84.8	0.72
										1/4	2.06	6.6	78.0	0.48
54XRG	8.6	104	1750	13.2	92	H	1	AWG 15-12	0.65-0.69	4/4	7.45	13.2	86.1	0.86
										3/4	5.58	10.4	86.2	0.82
										2/4	3.78	8.0	84.8	0.72
										1/4	2.06	6.6	78.0	0.48
64URG	8.7	113	1774	14.3	113	K	1	AWG 15-12	0.65-0.69	4/4	7.48	14.3	86.7	0.80
										3/4	5.72	11.8	85.0	0.74
										2/4	4.03	9.6	80.6	0.64
										1/4	2.33	7.7	69.6	0.46
64XRG	8.7	113	1774	14.3	113	K	1	AWG 15-12	0.65-0.69	4/4	7.48	14.3	86.7	0.80
										3/4	5.72	11.8	85.0	0.74
										2/4	4.03	9.6	80.6	0.64
										1/4	2.33	7.7	69.6	0.46
114URG	13	113	1775	21.1	157	J	1	AWG 13-12	0.73-0.77	4/4	11.0	21.1	88.2	0.79
										3/4	8.3	17.2	87.1	0.74
										2/4	5.8	14.0	84.3	0.62
										1/4	3.2	11.6	75.5	0.42

motor data
4-poles
380 V
60 Hz
3~
G

motor type	motor rating P2 [hp]	max. temp. pumped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA		cable size			motor data				
					I _s [A]	NEMA code letter	Qty.	type	∅ min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
114XRG	13	113	1775	21.1	157	J	1	AWG 13-12	0.73-0.77	4/4	11.0	21.1	88.2	0.79
										3/4	8.3	17.2	87.1	0.74
										2/4	5.8	14.0	84.3	0.62
										1/4	3.2	11.6	75.5	0.42
164URG	20	113	1765	31.8	218	J	1	AWG 11-7+15-5	0.83-0.91	4/4	16.8	31.8	89.0	0.80
										3/4	12.6	26.3	88.5	0.73
										2/4	8.6	20.5	86.6	0.64
										1/4	4.7	16.6	79.3	0.43
164XRG	20	113	1765	31.8	218	J	1	AWG 11-7+15-5	0.83-0.91	4/4	16.8	31.8	89.0	0.80
										3/4	12.6	26.3	88.5	0.73
										2/4	8.6	20.5	86.6	0.64
										1/4	4.7	16.6	79.3	0.43
234URG	26	113	1770	40.3	278	H	1	AWG 9-7+15-5	0.94-1.06	4/4	21.5	40.3	90.2	0.81
										3/4	16.2	31.1	89.9	0.79
										2/4	11.0	24.6	88.2	0.68
										1/4	5.9	20.0	82.1	0.45
234XRG	26	113	1770	40.3	278	H	1	AWG 9-7+15-5	0.94-1.06	4/4	21.5	40.3	90.2	0.81
										3/4	16.2	31.1	89.9	0.79
										2/4	11.0	24.6	88.2	0.68
										1/4	5.9	20.0	82.1	0.45
304URG	36	104	1754	55.4	360	H	1	AWG 7-7+15-5	0.96-1.08	4/4	30.3	55.4	88.6	0.83
										3/4	22.8	43.8	88.4	0.79
										2/4	15.5	34.5	86.9	0.68
										1/4	8.3	27.5	80.7	0.46
304XRG	36	104	1754	55.4	360	H	1	AWG 7-7+15-5	0.96-1.08	4/4	30.3	55.4	88.6	0.83
										3/4	22.8	43.8	88.4	0.79
										2/4	15.5	34.5	86.9	0.68
										1/4	8.3	27.5	80.7	0.46

motor data
6-poles
380 V
60 Hz
3~
G

motor type	motor rating P2 [hp]	max. temp. pumped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA		Qty.	cable size		motor data				
					I _s [A]	NEMA code letter		type	∅ min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
06UDG	2.8	104	1150	5.74	25	G	1	AWG 15-7	0.52-0.57	4/4	2.61	5.74	80.1	0.69
								3/4		1.96	4.96	79.8	0.60	
								2/4		1.37	4.44	76.0	0.47	
								1/4		0.82	4.02	63.7	0.31	
06XDG	2.8	104	1150	5.74	25	G	1	AWG 15-7	0.52-0.57	4/4	2.61	5.74	80.1	0.69
								3/4		1.96	4.96	79.8	0.60	
								2/4		1.37	4.44	76.0	0.47	
								1/4		0.82	4.02	63.7	0.31	
26UDG	4.7	104	1140	9.89	36	F	1	AWG 15-7	0.52-0.57	4/4	4.56	9.89	76.9	0.70
								3/4		3.42	8.67	76.8	0.60	
								2/4		2.40	7.77	72.9	0.47	
								1/4		1.44	7.28	61.0	0.30	
26XDG	4.7	104	1140	9.89	36	F	1	AWG 15-7	0.52-0.57	4/4	4.56	9.89	76.9	0.70
								3/4		3.42	8.67	76.8	0.60	
								2/4		2.40	7.77	72.9	0.47	
								1/4		1.44	7.28	61.0	0.30	
86UDG	10	104	1176	17.3	131	K	1	AWG 15-12	0.65-0.69	4/4	8.66	17.3	86.1	0.76
								3/4		6.57	14.6	85.1	0.68	
								2/4		4.53	12.5	82.3	0.55	
								1/4		2.54	11.0	73.3	0.35	
86XDG	10	104	1176	17.3	131	K	1	AWG 15-12	0.65-0.69	4/4	8.66	17.3	86.1	0.76
								3/4		6.57	14.6	85.1	0.68	
								2/4		4.53	12.5	82.3	0.55	
								1/4		2.54	11.0	73.3	0.35	
126UDG	15	104	1167	24.8	161	H	1	AWG 13-12	0.73-0.77	4/4	13.1	24.8	85.7	0.80
								3/4		9.8	20.5	85.3	0.73	
								2/4		6.7	17.1	83.1	0.60	
								1/4		3.7	14.5	75.1	0.39	
126XDG	15	104	1167	24.8	161	H	1	AWG 13-12	0.73-0.77	4/4	13.1	24.8	85.7	0.80
								3/4		9.8	20.5	85.3	0.73	
								2/4		6.7	17.1	83.1	0.60	
								1/4		3.7	14.5	75.1	0.39	
206UDG	24	104	1160	38.1	203	F	1	AWG 9-7+15-5	0.94-1.06	4/4	21.0	38.1	85.2	0.85
								3/4		15.7	29.7	85.6	0.81	
								2/4		10.6	21.9	84.7	0.73	
								1/4		5.7	16.7	78.6	0.52	
206XDG	24	104	1160	38.1	203	F	1	AWG 9-7+15-5	0.94-1.06	4/4	21.0	38.1	85.2	0.85
								3/4		15.7	29.7	85.6	0.81	
								2/4		10.6	21.9	84.7	0.73	
								1/4		5.7	16.7	78.6	0.52	

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

motor type	motor rating P2 [hp]	max. temp. pumped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA		cable size			motor data				
					I _s [A]	NEMA code letter	Qty.	type	∅ min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
38UDG	4	104	855	8.17	29	E	1	AWG 15-12	0.65-0.69	4/4	3.77	8.17	79.2	0.70
								3/4		2.82	7.02	79.4	0.61	
								2/4		1.94	6.15	76.8	0.48	
								1/4		1.12	5.64	66.9	0.30	
38XDG	4	104	855	8.17	29	E	1	AWG 15-12	0.65-0.69	4/4	3.77	8.17	79.2	0.70
								3/4		2.82	7.02	79.4	0.61	
								2/4		1.94	6.15	76.8	0.48	
								1/4		1.12	5.64	66.9	0.30	
48UDG	6	104	840	12.0	36	C	1	AWG 15-12	0.65-0.69	4/4	5.84	12.0	76.6	0.74
								3/4		4.26	9.7	78.7	0.67	
								2/4		2.87	8.2	77.9	0.53	
								1/4		1.65	7.2	67.8	0.35	
48XDG	6	104	840	12.0	36	C	1	AWG 15-12	0.65-0.69	4/4	5.84	12.0	76.6	0.74
								3/4		4.26	9.7	78.7	0.67	
								2/4		2.87	8.2	77.9	0.53	
								1/4		1.65	7.2	67.8	0.35	

motor data
2-poles
460 V
60 Hz
3~
G

motor type	motor rating P2 [hp]	max. temp. pumped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA			cable size			motor data				
					I _s [A]	NEMA code letter	Qty.	type	∅ min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]	
172URG	23	104	3540	28.4	282	L	1	AWG 11-7+15-5	0.83-0.91	4/4	19.4	28.4	88.2	0.86	
								3/4		14.9	22.9	86.6	0.81		
								2/4		10.3	17.8	83.5	0.72		
								1/4		5.9	14.1	72.8	0.52		
172XRG	23	104	3540	28.4	282	L	1	AWG 11-7+15-5	0.83-0.91	4/4	19.4	28.4	88.2	0.86	
								3/4		14.9	22.9	86.6	0.81		
								2/4		10.3	17.8	83.5	0.72		
								1/4		5.9	14.1	72.8	0.52		
252URG	33	104	3550	37.3	270	H	1	AWG 9-7+15-5	0.94-1.06	4/4	27.0	37.3	91.1	0.91	
								3/4		20.3	28.3	91.1	0.90		
								2/4		13.7	20.5	89.6	0.84		
								1/4		7.4	14.4	82.8	0.65		
252XRG	33	104	3550	37.3	270	H	1	AWG 9-7+15-5	0.94-1.06	4/4	27.0	37.3	91.1	0.91	
								3/4		20.3	28.3	91.1	0.90		
								2/4		13.7	20.5	89.6	0.84		
								1/4		7.4	14.4	82.8	0.65		

motor data
4-poles
460 V
60 Hz
3~
G

motor type	motor rating P2 [hp]	max. temp. pumped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA		cable size			motor data				
					I _s [A]	NEMA code letter	Qty.	type	∅ min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
14UDG	1.7	104	1715	2.66	13	G	1	AWG 15-7	0.52-0.57	4/4	1.66	2.66	76.6	0.78
										3/4	1.26	2.26	75.5	0.70
										2/4	0.87	1.98	73.2	0.55
										1/4	0.51	1.76	62.8	0.36
14XDG	1.7	104	1715	2.66	13	G	1	AWG 15-7	0.52-0.57	4/4	1.66	2.66	76.6	0.78
										3/4	1.26	2.26	75.5	0.70
										2/4	0.87	1.98	73.2	0.55
										1/4	0.51	1.76	62.8	0.36
24UDG	3.4	104	1695	5.00	21	E	1	AWG 15-7	0.52-0.57	4/4	3.22	5.00	78.7	0.81
										3/4	2.38	4.04	79.9	0.74
										2/4	1.63	3.41	77.7	0.60
										1/4	0.94	3.01	67.8	0.39
24XDG	3.4	104	1695	5.00	21	E	1	AWG 15-7	0.52-0.57	4/4	3.22	5.00	78.7	0.81
										3/4	2.38	4.04	79.9	0.74
										2/4	1.63	3.41	77.7	0.60
										1/4	0.94	3.01	67.8	0.39
44URG	6	104	1750	7.60	55	J	1	AWG 15-12	0.65-0.69	4/4	5.20	7.60	86.0	0.86
										3/4	3.91	6.05	85.8	0.81
										2/4	2.68	4.80	83.4	0.70
										1/4	1.49	3.87	74.9	0.48
44XRG	6	104	1750	7.60	55	J	1	AWG 15-12	0.65-0.69	4/4	5.20	7.60	86.0	0.86
										3/4	3.91	6.05	85.8	0.81
										2/4	2.68	4.80	83.4	0.70
										1/4	1.49	3.87	74.9	0.48
54URG	8.6	104	1750	10.9	76	H	1	AWG 15-12	0.65-0.69	4/4	7.45	10.9	86.1	0.86
										3/4	5.58	8.6	86.2	0.82
										2/4	3.78	6.6	84.8	0.72
										1/4	2.06	5.4	78.0	0.48
54XRG	8.6	104	1750	10.9	76	H	1	AWG 15-12	0.65-0.69	4/4	7.45	10.9	86.1	0.86
										3/4	5.58	8.6	86.2	0.82
										2/4	3.78	6.6	84.8	0.72
										1/4	2.06	5.4	78.0	0.48
64URG	8.7	113	1774	11.8	93	K	1	AWG 15-12	0.65-0.69	4/4	7.48	11.8	86.7	0.80
										3/4	5.72	9.7	85.0	0.74
										2/4	4.03	7.9	80.6	0.64
										1/4	2.33	6.4	69.6	0.46
64XRG	8.7	113	1774	11.8	93	K	1	AWG 15-12	0.65-0.69	4/4	7.48	11.8	86.7	0.80
										3/4	5.72	9.7	85.0	0.74
										2/4	4.03	7.9	80.6	0.64
										1/4	2.33	6.4	69.6	0.46
114URG	13	113	1775	17.4	130	J	1	AWG 15-12	0.65-0.69	4/4	11.0	17.4	88.2	0.79
										3/4	8.3	14.2	87.1	0.74
										2/4	5.8	11.6	84.3	0.62
										1/4	3.2	9.6	75.5	0.42

motor data
4-poles
460 V
60 Hz
3~
G

motor type	motor rating P2 [hp]	max. temp. pumped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA		Qty.	cable size		motor data				
					I _s [A]	NEMA code letter		type	∅ min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
114XRG	13	113	1775	17.4	130	J	1	AWG 15-12	0.65-0.69	4/4	11.0	17.4	88.2	0.79
								Rubber Cable		3/4	8.3	14.2	87.1	0.74
								[S1BN8-F]		2/4	5.8	11.6	84.3	0.62
										1/4	3.2	9.6	75.5	0.42
164URG	20	113	1765	26.3	180	J	1	AWG 11-7+15-5	0.83-0.91	4/4	16.8	26.3	89.0	0.80
								Rubber Cable		3/4	12.6	21.7	88.5	0.73
								[S1BN8-F]		2/4	8.6	16.9	86.6	0.64
										1/4	4.7	13.7	79.3	0.43
164XRG	20	113	1765	26.3	180	J	1	AWG 11-7+15-5	0.83-0.91	4/4	16.8	26.3	89.0	0.80
								Rubber Cable		3/4	12.6	21.7	88.5	0.73
								[S1BN8-F]		2/4	8.6	16.9	86.6	0.64
										1/4	4.7	13.7	79.3	0.43
234URG	26	113	1770	33.3	230	H	1	AWG 9-7+15-5	0.94-1.06	4/4	21.5	33.3	90.2	0.81
								Rubber Cable		3/4	16.2	25.7	89.9	0.79
								[S1BN8-F]		2/4	11.0	20.3	88.2	0.68
										1/4	5.9	16.5	82.1	0.45
234XRG	26	113	1770	33.3	230	H	1	AWG 9-7+15-5	0.94-1.06	4/4	21.5	33.3	90.2	0.81
								Rubber Cable		3/4	16.2	25.7	89.9	0.79
								[S1BN8-F]		2/4	11.0	20.3	88.2	0.68
										1/4	5.9	16.5	82.1	0.45
304URG	36	104	1754	45.8	297	H	1	AWG 7-7+15-5	0.96-1.08	4/4	30.3	45.8	88.6	0.83
								Rubber Cable		3/4	22.8	36.2	88.4	0.79
								[S1BN8-F]		2/4	15.5	28.5	86.9	0.68
										1/4	8.3	22.7	80.7	0.46
304XRG	36	104	1754	45.8	297	H	1	AWG 7-7+15-5	0.96-1.08	4/4	30.3	45.8	88.6	0.83
								Rubber Cable		3/4	22.8	36.2	88.4	0.79
								[S1BN8-F]		2/4	15.5	28.5	86.9	0.68
										1/4	8.3	22.7	80.7	0.46

motor data
6-poles
460 V
60 Hz
3~
G

motor type	motor rating P2 [hp]	max. temp. pumped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA		cable size			motor data				
					I _s [A]	NEMA code letter	Qty.	type	∅ min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
06UDG	2.8	104	1150	4.74	21	G	1	AWG 15-7	0.52-0.57	4/4	2.61	4.74	80.1	0.69
								Rubber Cable [S1BN8-F]		3/4	1.96	4.10	79.8	0.60
										2/4	1.37	3.67	76.0	0.47
										1/4	0.82	3.32	63.7	0.31
06XDG	2.8	104	1150	4.74	21	G	1	AWG 15-7	0.52-0.57	4/4	2.61	4.74	80.1	0.69
								Rubber Cable [S1BN8-F]		3/4	1.96	4.10	79.8	0.60
										2/4	1.37	3.67	76.0	0.47
										1/4	0.82	3.32	63.7	0.31
26UDG	4.7	104	1140	8.17	30	F	1	AWG 15-7	0.52-0.57	4/4	4.56	8.17	76.9	0.70
								Rubber Cable [S1BN8-F]		3/4	3.42	7.16	76.8	0.60
										2/4	2.40	6.42	72.9	0.47
										1/4	1.44	6.01	61.0	0.30
26XDG	4.7	104	1140	8.17	30	F	1	AWG 15-7	0.52-0.57	4/4	4.56	8.17	76.9	0.70
								Rubber Cable [S1BN8-F]		3/4	3.42	7.16	76.8	0.60
										2/4	2.40	6.42	72.9	0.47
										1/4	1.44	6.01	61.0	0.30
86UDG	10	104	1176	14.3	108	K	1	AWG 15-12	0.65-0.69	4/4	8.66	14.3	86.1	0.76
								Rubber Cable [S1BN8-F]		3/4	6.57	12.1	85.1	0.68
										2/4	4.53	10.3	82.3	0.55
										1/4	2.54	9.1	73.3	0.35
86XDG	10	104	1176	14.3	108	K	1	AWG 15-12	0.65-0.69	4/4	8.66	14.3	86.1	0.76
								Rubber Cable [S1BN8-F]		3/4	6.57	12.1	85.1	0.68
										2/4	4.53	10.3	82.3	0.55
										1/4	2.54	9.1	73.3	0.35
126UDG	15	104	1167	20.5	133	H	1	AWG 13-12	0.73-0.77	4/4	13.1	20.5	85.7	0.80
								Rubber Cable [S1BN8-F]		3/4	9.8	16.9	85.3	0.73
										2/4	6.7	14.1	83.1	0.60
										1/4	3.7	12.0	75.1	0.39
126XDG	15	104	1167	20.5	133	H	1	AWG 13-12	0.73-0.77	4/4	13.1	20.5	85.7	0.80
								Rubber Cable [S1BN8-F]		3/4	9.8	16.9	85.3	0.73
										2/4	6.7	14.1	83.1	0.60
										1/4	3.7	12.0	75.1	0.39
206UDG	24	104	1160	31.5	168	F	1	AWG 11-7+15-5	0.83-0.91	4/4	21.0	31.5	85.2	0.85
								Rubber Cable [S1BN8-F]		3/4	15.7	24.5	85.6	0.81
										2/4	10.6	18.1	84.7	0.73
										1/4	5.7	13.8	78.6	0.52
206XDG	24	104	1160	31.5	168	F	1	AWG 11-7+15-5	0.83-0.91	4/4	21.0	31.5	85.2	0.85
								Rubber Cable [S1BN8-F]		3/4	15.7	24.5	85.6	0.81
										2/4	10.6	18.1	84.7	0.73
										1/4	5.7	13.8	78.6	0.52

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

motor type	motor rating P2 [hp]	max. temp. pumped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA		Qty.	cable size		motor data				
					I _s [A]	NEMA code letter		type	∅ min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
38UDG	4	104	855	6.75	24	E	1	AWG 15-12	0.65-0.69	4/4	3.77	6.75	79.2	0.70
								Rubber Cable		3/4	2.82	5.80	79.4	0.61
								[S1BN8-F]		2/4	1.94	5.08	76.8	0.48
										1/4	1.12	4.66	66.9	0.30
38XDG	4	104	855	6.75	24	E	1	AWG 15-12	0.65-0.69	4/4	3.77	6.75	79.2	0.70
								Rubber Cable		3/4	2.82	5.80	79.4	0.61
								[S1BN8-F]		2/4	1.94	5.08	76.8	0.48
										1/4	1.12	4.66	66.9	0.30
48UDG	6	104	840	9.91	30	C	1	AWG 15-12	0.65-0.69	4/4	5.84	9.91	76.6	0.74
								Rubber Cable		3/4	4.26	7.99	78.7	0.67
								[S1BN8-F]		2/4	2.87	6.80	77.9	0.53
										1/4	1.65	5.92	67.8	0.35
48XDG	6	104	840	9.91	30	C	1	AWG 15-12	0.65-0.69	4/4	5.84	9.91	76.6	0.74
								Rubber Cable		3/4	4.26	7.99	78.7	0.67
								[S1BN8-F]		2/4	2.87	6.80	77.9	0.53
										1/4	1.65	5.92	67.8	0.35

motor data
2-poles
575 V
60 Hz
3~
G

motor type	motor rating P2 [hp]	max. temp. pumped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA		cable size			motor data				
					I _s [A]	NEMA code letter	Qty.	type	∅ min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
172URG	23	104	3540	22.7	226	L	1	AWG 13-12	0.73-0.77	4/4	19.4	22.7	88.2	0.86
								Rubber Cable		3/4	14.9	18.3	86.6	0.81
								[S1BN8-F]		2/4	10.3	14.2	83.5	0.72
										1/4	5.9	11.3	72.8	0.52
172XRG	23	104	3540	22.7	226	L	1	AWG 13-12	0.73-0.77	4/4	19.4	22.7	88.2	0.86
								Rubber Cable		3/4	14.9	18.3	86.6	0.81
								[S1BN8-F]		2/4	10.3	14.2	83.5	0.72
										1/4	5.9	11.3	72.8	0.52
252URG	33	104	3550	29.8	216	H	1	AWG 11-7+15-5	0.83-0.91	4/4	27.0	29.8	91.1	0.91
								Rubber Cable		3/4	20.3	22.6	91.1	0.90
								[S1BN8-F]		2/4	13.7	16.4	89.6	0.84
										1/4	7.4	11.5	82.8	0.65
252XRG	33	104	3550	29.8	216	H	1	AWG 11-7+15-5	0.83-0.91	4/4	27.0	29.8	91.1	0.91
								Rubber Cable		3/4	20.3	22.6	91.1	0.90
								[S1BN8-F]		2/4	13.7	16.4	89.6	0.84
										1/4	7.4	11.5	82.8	0.65

motor data
4-poles
575 V
60 Hz
3~
G

motor type	motor rating P2 [hp]	max. temp. pumped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA		Qty.	cable size		motor data				
					I _s [A]	NEMA code letter		type	∅ min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
14UDG	1.7	104	1715	2.13	10	G	1	AWG 15-7	0.52-0.57	4/4	1.66	2.13	76.6	0.78
								Rubber Cable		3/4	1.26	1.81	75.5	0.70
								[S1BN8-F]		2/4	0.87	1.58	73.2	0.55
										1/4	0.51	1.41	62.8	0.36
14XDG	1.7	104	1715	2.13	10	G	1	AWG 15-7	0.52-0.57	4/4	1.66	2.13	76.6	0.78
								Rubber Cable		3/4	1.26	1.81	75.5	0.70
								[S1BN8-F]		2/4	0.87	1.58	73.2	0.55
										1/4	0.51	1.41	62.8	0.36
24UDG	3.4	104	1695	4.00	17	E	1	AWG 15-7	0.52-0.57	4/4	3.22	4.00	78.7	0.81
								Rubber Cable		3/4	2.38	3.23	79.9	0.74
								[S1BN8-F]		2/4	1.63	2.73	77.7	0.60
										1/4	0.94	2.41	67.8	0.39
24XDG	3.4	104	1695	4.00	17	E	1	AWG 15-7	0.52-0.57	4/4	3.22	4.00	78.7	0.81
								Rubber Cable		3/4	2.38	3.23	79.9	0.74
								[S1BN8-F]		2/4	1.63	2.73	77.7	0.60
										1/4	0.94	2.41	67.8	0.39
44URG	6	104	1750	6.08	44	J	1	AWG 15-12	0.65-0.69	4/4	5.20	6.08	86.0	0.86
								Rubber Cable		3/4	3.91	4.84	85.8	0.81
								[S1BN8-F]		2/4	2.68	3.84	83.4	0.70
										1/4	1.49	3.10	74.9	0.48
44XRG	6	104	1750	6.08	44	J	1	AWG 15-12	0.65-0.69	4/4	5.20	6.08	86.0	0.86
								Rubber Cable		3/4	3.91	4.84	85.8	0.81
								[S1BN8-F]		2/4	2.68	3.84	83.4	0.70
										1/4	1.49	3.10	74.9	0.48
54URG	8.6	104	1750	8.72	61	H	1	AWG 15-12	0.65-0.69	4/4	7.45	8.72	86.1	0.86
								Rubber Cable		3/4	5.58	6.86	86.2	0.82
								[S1BN8-F]		2/4	3.78	5.30	84.8	0.72
										1/4	2.06	4.34	78.0	0.48
54XRG	8.6	104	1750	8.72	61	H	1	AWG 15-12	0.65-0.69	4/4	7.45	8.72	86.1	0.86
								Rubber Cable		3/4	5.58	6.86	86.2	0.82
								[S1BN8-F]		2/4	3.78	5.30	84.8	0.72
										1/4	2.06	4.34	78.0	0.48
64URG	8.7	113	1774	9.44	74	K	1	AWG 15-12	0.65-0.69	4/4	7.48	9.44	86.7	0.80
								Rubber Cable		3/4	5.72	7.78	85.0	0.74
								[S1BN8-F]		2/4	4.03	6.33	80.6	0.64
										1/4	2.33	5.10	69.6	0.46
64XRG	8.7	113	1774	9.44	74	K	1	AWG 15-12	0.65-0.69	4/4	7.48	9.44	86.7	0.80
								Rubber Cable		3/4	5.72	7.78	85.0	0.74
								[S1BN8-F]		2/4	4.03	6.33	80.6	0.64
										1/4	2.33	5.10	69.6	0.46
114URG	13	113	1775	13.9	104	J	1	AWG 15-12	0.65-0.69	4/4	11.0	13.9	88.2	0.79
								Rubber Cable		3/4	8.3	11.4	87.1	0.74
								[S1BN8-F]		2/4	5.8	9.3	84.3	0.62
										1/4	3.2	7.7	75.5	0.42

motor data
4-poles
575 V
60 Hz
3~
G

motor type	motor rating P2 [hp]	max. temp. pumped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA		cable size			motor data				
					I _s [A]	NEMA code letter	Qty.	type	∅ min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
114XRG	13	113	1775	13.9	104	J	1	AWG 15-12	0.65-0.69	4/4	11.0	13.9	88.2	0.79
								Rubber Cable		3/4	8.3	11.4	87.1	0.74
								[S1BN8-F]		2/4	5.8	9.3	84.3	0.62
										1/4	3.2	7.7	75.5	0.42
164URG	20	113	1765	21.0	144	J	1	AWG 13-12	0.73-0.77	4/4	16.8	21.0	89.0	0.80
								Rubber Cable		3/4	12.6	17.4	88.5	0.73
								[S1BN8-F]		2/4	8.6	13.5	86.6	0.64
										1/4	4.7	11.0	79.3	0.43
164XRG	20	113	1765	21.0	144	J	1	AWG 13-12	0.73-0.77	4/4	16.8	21.0	89.0	0.80
								Rubber Cable		3/4	12.6	17.4	88.5	0.73
								[S1BN8-F]		2/4	8.6	13.5	86.6	0.64
										1/4	4.7	11.0	79.3	0.43
234URG	26	113	1770	26.6	184	H	1	AWG 11-7+15-5	0.83-0.91	4/4	21.5	26.6	90.2	0.81
								Rubber Cable		3/4	16.2	20.6	89.9	0.79
								[S1BN8-F]		2/4	11.0	16.2	88.2	0.68
										1/4	5.9	13.2	82.1	0.45
234XRG	26	113	1770	26.6	184	H	1	AWG 11-7+15-5	0.83-0.91	4/4	21.5	26.6	90.2	0.81
								Rubber Cable		3/4	16.2	20.6	89.9	0.79
								[S1BN8-F]		2/4	11.0	16.2	88.2	0.68
										1/4	5.9	13.2	82.1	0.45
304URG	36	104	1754	36.6	238	H	1	AWG 9-7+15-5	0.94-1.06	4/4	30.3	36.6	88.6	0.83
								Rubber Cable		3/4	22.8	29.0	88.4	0.79
								[S1BN8-F]		2/4	15.5	22.8	86.9	0.68
										1/4	8.3	18.2	80.7	0.46
304XRG	36	104	1754	36.6	238	H	1	AWG 9-7+15-5	0.94-1.06	4/4	30.3	36.6	88.6	0.83
								Rubber Cable		3/4	22.8	29.0	88.4	0.79
								[S1BN8-F]		2/4	15.5	22.8	86.9	0.68
										1/4	8.3	18.2	80.7	0.46

motor data
6-poles
575 V
60 Hz
3~
G

motor type	motor rating P2 [hp]	max. temp. pumped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA		cable size			motor data				
					I _s [A]	NEMA code letter	Qty.	type	∅ min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
06UDG	2.8	104	1150	3.79	17	G	1	AWG 15-7	0.52-0.57	4/4	2.61	3.79	80.1	0.69
								Rubber Cable		3/4	1.96	3.28	79.8	0.60
								[S1BN8-F]		2/4	1.37	2.94	76.0	0.47
										1/4	0.82	2.66	63.7	0.31
06XDG	2.8	104	1150	3.79	17	G	1	AWG 15-7	0.52-0.57	4/4	2.61	3.79	80.1	0.69
								Rubber Cable		3/4	1.96	3.28	79.8	0.60
								[S1BN8-F]		2/4	1.37	2.94	76.0	0.47
										1/4	0.82	2.66	63.7	0.31
26UDG	4.7	104	1140	6.54	24	F	1	AWG 15-7	0.52-0.57	4/4	4.56	6.54	76.9	0.70
								Rubber Cable		3/4	3.42	5.73	76.8	0.60
								[S1BN8-F]		2/4	2.40	5.14	72.9	0.47
										1/4	1.44	4.81	61.0	0.30
26XDG	4.7	104	1140	6.54	24	F	1	AWG 15-7	0.52-0.57	4/4	4.56	6.54	76.9	0.70
								Rubber Cable		3/4	3.42	5.73	76.8	0.60
								[S1BN8-F]		2/4	2.40	5.14	72.9	0.47
										1/4	1.44	4.81	61.0	0.30
86UDG	10	104	1176	11.4	86	K	1	AWG 15-12	0.65-0.69	4/4	8.66	11.4	86.1	0.76
								Rubber Cable		3/4	6.57	9.7	85.1	0.68
								[S1BN8-F]		2/4	4.53	8.2	82.3	0.55
										1/4	2.54	7.3	73.3	0.35
86XDG	10	104	1176	11.4	86	K	1	AWG 15-12	0.65-0.69	4/4	8.66	11.4	86.1	0.76
								Rubber Cable		3/4	6.57	9.7	85.1	0.68
								[S1BN8-F]		2/4	4.53	8.2	82.3	0.55
										1/4	2.54	7.3	73.3	0.35
126UDG	15	104	1167	16.4	106	H	1	AWG 15-12	0.65-0.69	4/4	13.1	16.4	85.7	0.80
								Rubber Cable		3/4	9.8	13.5	85.3	0.73
								[S1BN8-F]		2/4	6.7	11.3	83.1	0.60
										1/4	3.7	9.6	75.1	0.39
126XDG	15	104	1167	16.4	106	H	1	AWG 15-12	0.65-0.69	4/4	13.1	16.4	85.7	0.80
								Rubber Cable		3/4	9.8	13.5	85.3	0.73
								[S1BN8-F]		2/4	6.7	11.3	83.1	0.60
										1/4	3.7	9.6	75.1	0.39
206UDG	24	104	1160	25.2	134	F	1	AWG 11-7+15-5	0.83-0.91	4/4	21.0	25.2	85.2	0.85
								Rubber Cable		3/4	15.7	19.6	85.6	0.81
								[S1BN8-F]		2/4	10.6	14.5	84.7	0.73
										1/4	5.7	11.0	78.6	0.52
206XDG	24	104	1160	25.2	134	F	1	AWG 11-7+15-5	0.83-0.91	4/4	21.0	25.2	85.2	0.85
								Rubber Cable		3/4	15.7	19.6	85.6	0.81
								[S1BN8-F]		2/4	10.6	14.5	84.7	0.73
										1/4	5.7	11.0	78.6	0.52

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

motor type	motor rating P2 [hp]	max. temp. pumped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA		cable size			motor data				
					I _s [A]	NEMA code letter	Qty.	type	∅ min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
38UDG	4	104	855	5.40	19	E	1	AWG 15-12	0.65-0.69	4/4	3.77	5.40	79.2	0.70
								3/4		2.82	4.64	79.4	0.61	
								2/4		1.94	4.06	76.8	0.48	
								1/4		1.12	3.73	66.9	0.30	
								Rubber Cable [S1BN8-F]						
38XDG	4	104	855	5.40	19	E	1	AWG 15-12	0.65-0.69	4/4	3.77	5.40	79.2	0.70
								3/4		2.82	4.64	79.4	0.61	
								2/4		1.94	4.06	76.8	0.48	
								1/4		1.12	3.73	66.9	0.30	
								Rubber Cable [S1BN8-F]						
48UDG	6	104	840	7.93	24	C	1	AWG 15-12	0.65-0.69	4/4	5.84	7.93	76.6	0.74
								3/4		4.26	6.39	78.7	0.67	
								2/4		2.87	5.44	77.9	0.53	
								1/4		1.65	4.74	67.8	0.35	
								Rubber Cable [S1BN8-F]						
48XDG	6	104	840	7.93	24	C	1	AWG 15-12	0.65-0.69	4/4	5.84	7.93	76.6	0.74
								3/4		4.26	6.39	78.7	0.67	
								2/4		2.87	5.44	77.9	0.53	
								1/4		1.65	4.74	67.8	0.35	
								Rubber Cable [S1BN8-F]						

motor data 4-poles 380 V 60 Hz 3~ C

motor type	motor rating P2 [hp]	max. temp. pumped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA		Qty.	cable size		motor data				
					I _s [A]	NEMA code letter		type	∅ min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
14UDC	1.7	104	1715	3.22	16	G	1	AWG 15-8	0.56-0.60	4/4	1.66	3.22	76.6	0.78
										3/4	1.26	2.74	75.5	0.70
										2/4	0.87	2.40	73.2	0.55
										1/4	0.51	2.13	62.8	0.36
14XDC	1.7	104	1715	3.22	16	G	1	AWG 15-8	0.56-0.60	4/4	1.66	3.22	76.6	0.78
										3/4	1.26	2.74	75.5	0.70
										2/4	0.87	2.40	73.2	0.55
										1/4	0.51	2.13	62.8	0.36
24UDC	3.4	104	1695	6.05	25	E	1	AWG 15-8	0.56-0.60	4/4	3.22	6.05	78.7	0.81
										3/4	2.38	4.89	79.9	0.74
										2/4	1.63	4.13	77.7	0.60
										1/4	0.94	3.64	67.8	0.39
24XDC	3.4	104	1695	6.05	25	E	1	AWG 15-8	0.56-0.60	4/4	3.22	6.05	78.7	0.81
										3/4	2.38	4.89	79.9	0.74
										2/4	1.63	4.13	77.7	0.60
										1/4	0.94	3.64	67.8	0.39

motor data 6-poles 380 V 60 Hz 3~ C

motor type	motor rating P2 [hp]	max. temp. pumped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA		Qty.	cable size		motor data				
					I _s [A]	NEMA code letter		type	∅ min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
06UDC	2.8	104	1150	5.74	25	G	1	AWG 15-8	0.56-0.60	4/4	2.61	5.74	80.1	0.69
										3/4	1.96	4.96	79.8	0.60
										2/4	1.37	4.44	76.0	0.47
										1/4	0.82	4.02	63.7	0.31
06XDC	2.8	104	1150	5.74	25	G	1	AWG 15-8	0.56-0.60	4/4	2.61	5.74	80.1	0.69
										3/4	1.96	4.96	79.8	0.60
										2/4	1.37	4.44	76.0	0.47
										1/4	0.82	4.02	63.7	0.31
26UDC	4.7	104	1140	9.89	36	F	1	AWG 15-8	0.56-0.60	4/4	4.56	9.89	76.9	0.70
										3/4	3.42	8.67	76.8	0.60
										2/4	2.40	7.77	72.9	0.47
										1/4	1.44	7.28	61.0	0.30
26XDC	4.7	104	1140	9.89	36	F	1	AWG 15-8	0.56-0.60	4/4	4.56	9.89	76.9	0.70
										3/4	3.42	8.67	76.8	0.60
										2/4	2.40	7.77	72.9	0.47
										1/4	1.44	7.28	61.0	0.30

motor data
8-poles
380 V
60 Hz
3~
C

motor type	motor rating P2 [hp]	max. temp. pumped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA		cable size			motor data				
					I _s [A]	NEMA code letter	Qty.	type	∅ min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
38UDC	4	104	855	8.17	29	E	1	AWG 15-8	0.56-0.60	4/4	2.61	5.74	80.1	0.69
								Rubber Cable		3/4	1.96	4.96	79.8	0.60
								[S1BN8-F]		2/4	1.37	4.44	76.0	0.47
										1/4	0.82	4.02	63.7	0.31
38XDC	4	104	855	8.17	29	E	1	AWG 15-8	0.56-0.60	4/4	2.61	5.74	80.1	0.69
								Rubber Cable		3/4	1.96	4.96	79.8	0.60
								[S1BN8-F]		2/4	1.37	4.44	76.0	0.47
										1/4	0.82	4.02	63.7	0.31
48UDC	6	104	840	12.0	36	C	1	AWG 15-8	0.56-0.60	4/4	4.56	9.89	76.9	0.70
								Rubber Cable		3/4	3.42	8.67	76.8	0.60
								[S1BN8-F]		2/4	2.40	7.77	72.9	0.47
										1/4	1.44	7.28	61.0	0.30
48XDC	6	104	840	12.0	36	C	1	AWG 15-8	0.56-0.60	4/4	4.56	9.89	76.9	0.70
								Rubber Cable		3/4	3.42	8.67	76.8	0.60
								[S1BN8-F]		2/4	2.40	7.77	72.9	0.47
										1/4	1.44	7.28	61.0	0.30

motor data
4-poles
460 V
60 Hz
3~
C

motor type	motor rating P2 [hp]	max. temp. pumped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA		Qty.	cable size		motor data				
					I _s [A]	NEMA code letter		type	∅ min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
14UDC	1.7	104	1715	2.66	13	G	1	AWG 15-8	0.56-0.60	4/4	1.66	2.66	76.6	0.78
										3/4	1.26	2.26	75.5	0.70
										2/4	0.87	1.98	73.2	0.55
										1/4	0.51	1.76	62.8	0.36
14XDC	1.7	104	1715	2.66	13	G	1	AWG 15-8	0.56-0.60	4/4	1.66	2.66	76.6	0.78
										3/4	1.26	2.26	75.5	0.70
										2/4	0.87	1.98	73.2	0.55
										1/4	0.51	1.76	62.8	0.36
24UDC	3.4	104	1695	5.00	21	E	1	AWG 15-8	0.56-0.60	4/4	3.22	5.00	78.7	0.81
										3/4	2.38	4.04	79.9	0.74
										2/4	1.63	3.41	77.7	0.60
										1/4	0.94	3.01	67.8	0.39
24XDC	3.4	104	1695	5.00	21	E	1	AWG 15-8	0.56-0.60	4/4	3.22	5.00	78.7	0.81
										3/4	2.38	4.04	79.9	0.74
										2/4	1.63	3.41	77.7	0.60
										1/4	0.94	3.01	67.8	0.39

motor data
6-poles
460 V
60 Hz
3~
C

motor type	motor rating P2 [hp]	max. temp. pumped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA		Qty.	cable size		motor data				
					I _s [A]	NEMA code letter		type	∅ min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
06UDC	2.8	104	1150	4.74	21	G	1	AWG 15-8	0.56-0.60	4/4	2.61	4.74	80.1	0.69
										3/4	1.96	4.10	79.8	0.60
										2/4	1.37	3.67	76.0	0.47
										1/4	0.82	3.32	63.7	0.31
06XDC	2.8	104	1150	4.74	21	G	1	AWG 15-8	0.56-0.60	4/4	2.61	4.74	80.1	0.69
										3/4	1.96	4.10	79.8	0.60
										2/4	1.37	3.67	76.0	0.47
										1/4	0.82	3.32	63.7	0.31
26UDC	4.7	104	1140	8.17	30	F	1	AWG 15-8	0.56-0.60	4/4	4.56	8.17	76.9	0.70
										3/4	3.42	7.16	76.8	0.60
										2/4	2.40	6.42	72.9	0.47
										1/4	1.44	6.01	61.0	0.30
26XDC	4.7	104	1140	8.17	30	F	1	AWG 15-8	0.56-0.60	4/4	4.56	8.17	76.9	0.70
										3/4	3.42	7.16	76.8	0.60
										2/4	2.40	6.42	72.9	0.47
										1/4	1.44	6.01	61.0	0.30

motor data
8-poles
460 V
60 Hz
3~
C

motor type	motor rating P2 [hp]	max. temp. pumped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA		cable size			motor data				
					I _s [A]	NEMA code letter	Qty.	type	∅ min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
38UDC	4	104	855	6.75	24	E	1	AWG 13-12	0.73-0.77	4/4	3.77	6.75	79.2	0.70
										3/4	2.82	5.80	79.4	0.61
										2/4	1.94	5.08	76.8	0.48
										1/4	1.12	4.66	66.9	0.30
38XDC	4	104	855	6.75	24	E	1	AWG 13-12	0.73-0.77	4/4	3.77	6.75	79.2	0.70
										3/4	2.82	5.80	79.4	0.61
										2/4	1.94	5.08	76.8	0.48
										1/4	1.12	4.66	66.9	0.30
48UDC	6	104	840	9.91	30	C	1	AWG 13-12	0.73-0.77	4/4	5.84	9.91	76.6	0.74
										3/4	4.26	7.99	78.7	0.67
										2/4	2.87	6.80	77.9	0.53
										1/4	1.65	5.92	67.8	0.35
48XDC	6	104	840	9.91	30	C	1	AWG 13-12	0.73-0.77	4/4	5.84	9.91	76.6	0.74
										3/4	4.26	7.99	78.7	0.67
										2/4	2.87	6.80	77.9	0.53
										1/4	1.65	5.92	67.8	0.35

motor data
4-poles
575 V
60 Hz
3~
C

motor type	motor rating P2 [hp]	max. temp. pumped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA		cable size			motor data				
					I _s [A]	NEMA code letter	Qty.	type	∅ min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
14UDC	1.7	104	1715	2.13	10	G	1	AWG 15-8	0.56-0.60	4/4	1.66	2.13	76.6	0.78
								3/4		1.26	1.81	75.5	0.70	
								2/4		0.87	1.58	73.2	0.55	
								1/4		0.51	1.41	62.8	0.36	
14XDC	1.7	104	1715	2.13	10	G	1	AWG 15-8	0.56-0.60	4/4	1.66	2.13	76.6	0.78
								3/4		1.26	1.81	75.5	0.70	
								2/4		0.87	1.58	73.2	0.55	
								1/4		0.51	1.41	62.8	0.36	
24UDC	3.4	104	1695	4.00	17	E	1	AWG 15-8	0.56-0.60	4/4	3.22	4.00	78.7	0.81
								3/4		2.38	3.23	79.9	0.74	
								2/4		1.63	2.73	77.7	0.60	
								1/4		0.94	2.41	67.8	0.39	
24XDC	3.4	104	1695	4.00	17	E	1	AWG 15-8	0.56-0.60	4/4	3.22	4.00	78.7	0.81
								3/4		2.38	3.23	79.9	0.74	
								2/4		1.63	2.73	77.7	0.60	
								1/4		0.94	2.41	67.8	0.39	

motor data
6-poles
575 V
60 Hz
3~
C

motor type	motor rating P2 [hp]	max. temp. pumped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA		cable size			motor data				
					I _s [A]	NEMA code letter	Qty.	type	∅ min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
06UDC	2.8	104	1150	3.79	17	G	1	AWG 15-8	0.56-0.60	4/4	2.61	3.79	80.1	0.69
								3/4		1.96	3.28	79.8	0.60	
								2/4		1.37	2.94	76.0	0.47	
								1/4		0.82	2.66	63.7	0.31	
06XDC	2.8	104	1150	3.79	17	G	1	AWG 15-8	0.56-0.60	4/4	2.61	3.79	80.1	0.69
								3/4		1.96	3.28	79.8	0.60	
								2/4		1.37	2.94	76.0	0.47	
								1/4		0.82	2.66	63.7	0.31	
26UDC	4.7	104	1140	6.54	24	F	1	AWG 15-8	0.56-0.60	4/4	4.56	6.54	76.9	0.70
								3/4		3.42	5.73	76.8	0.60	
								2/4		2.40	5.14	72.9	0.47	
								1/4		1.44	4.81	61.0	0.30	
26XDC	4.7	104	1140	6.54	24	F	1	AWG 15-8	0.56-0.60	4/4	4.56	6.54	76.9	0.70
								3/4		3.42	5.73	76.8	0.60	
								2/4		2.40	5.14	72.9	0.47	
								1/4		1.44	4.81	61.0	0.30	

motor data
8-poles
575 V
60 Hz
3~
C

motor type	motor rating P2 [hp]	max. temp. pumped media [°F]	speed nom. n _n [rpm]	FLA I _n [A]	LRA		cable size			motor data				
					I _s [A]	NEMA code letter	Qty.	type	∅ min - max [in]	load	motor input [kW]	curr. I [A]	effec. [%]	power factor [-]
38UDC	4	104	855	5.40	19	E	1	AWG 13-12	0.73-0.77	4/4	3.77	5.40	79.2	0.70
								3/4		2.82	4.64	79.4	0.61	
								2/4		1.94	4.06	76.8	0.48	
								1/4		1.12	3.73	66.9	0.30	
								Rubber Cable [S1BN8-F]						
38XDC	4	104	855	5.40	19	E	1	AWG 13-12	0.73-0.77	4/4	3.77	5.40	79.2	0.70
								3/4		2.82	4.64	79.4	0.61	
								2/4		1.94	4.06	76.8	0.48	
								1/4		1.12	3.73	66.9	0.30	
								Rubber Cable [S1BN8-F]						
48UDC	6	104	840	7.93	24	C	1	AWG 13-12	0.73-0.77	4/4	5.84	7.93	76.6	0.74
								3/4		4.26	6.39	78.7	0.67	
								2/4		2.87	5.44	77.9	0.53	
								1/4		1.65	4.74	67.8	0.35	
								Rubber Cable [S1BN8-F]						
48XDC	6	104	840	7.93	24	C	1	AWG 13-12	0.73-0.77	4/4	5.84	7.93	76.6	0.74
								3/4		4.26	6.39	78.7	0.67	
								2/4		2.87	5.44	77.9	0.53	
								1/4		1.65	4.74	67.8	0.35	
								Rubber Cable [S1BN8-F]						



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