

Thermal Ratings - ILH 38

The Thermal HP ratings shown in the table below are based on an ambient temperature of 68° F, continuous operation and fan cooled motors. For ratings at other ambient temperatures, please consult Thermal Factors table below. Triple reduction units are not thermally limited. Shaded values indicate thermal limitations under the above conditions.

Ratio	1750 RPM								3450 RPM							
	Output Speed	Rated Power	Mounting Position						Output Speed	Rated Power	Mounting Position					
			A1	A2	A3	A4	A5, A6	A1			A2	A3	A4	A5, A6		
RPM	HP	HP	HP	HP	HP	HP	RPM	HP	HP	HP	HP	HP	HP			
4.77	366.9	7.19	14.2	14.1	14.1	14.1	14.1	79.3	10.80	12.7	11.7	11.8	11.8	11.8		
5.55	315.3	6.80	13.4	13.4	13.3	13.3	13.3	89.2	10.21	12.2	11.6	11.6	11.7	11.6		
6.16	284.1	6.36	12.6	12.5	12.5	12.5	12.5	102.8	9.54	11.5	11.3	11.0	11.0	11.0		
6.71	260.8	6.01	12.7	12.7	12.7	12.7	12.7	110.1	9.02	11.8	11.4	11.4	11.5	11.4		
7.50	233.3	5.59	11.9	11.8	11.8	11.8	11.8	125.1	8.39	11.1	10.8	10.8	10.8	10.8		
7.52	232.7	5.75	10.1	10.0	10.0	10.0	10.0	142.9	8.63	9.1	8.4	8.6	8.7	8.6		
8.75	200.1	5.20	10.4	10.4	10.4	10.4	10.4	161.5	7.81	9.5	9.2	9.0	9.1	9.0		
9.70	180.4	4.86	9.7	9.7	9.7	9.7	9.7	178.2	7.29	8.9	8.5	8.6	8.8	8.6		
10.57	165.6	4.59	9.8	9.8	9.8	9.8	9.8	201.9	6.89	9.1	8.8	8.8	8.9	8.8		
11.82	148.1	4.26	9.2	9.1	9.1	9.1	9.1	223.8	6.39	8.6	8.3	8.3	8.4	8.3		
12.92	135.4	4.01	8.8	8.7	8.6	8.7	8.6	246.8	6.02	8.1	8.0	8.0	8.0	8.0		
14.18	123.4	3.77	8.3	8.3	8.4	8.4	8.4	270.9	5.66	7.8	7.7	7.7	7.7	7.7		
15.64	111.9	3.46	7.9	7.9	7.9	7.9	7.9	296.2	5.29	7.5	7.4	7.4	7.4	7.4		
17.33	101.0	3.12	7.5	7.5	7.5	7.5	7.5	331.2	4.94	7.2	7.1	7.0	7.1	7.0		
19.64	89.1	2.75	7.2	7.2	7.2	7.2	7.2	360.7	4.53	7.0	6.9	6.9	6.9	6.9		
21.67	80.8	2.49	6.7	6.7	6.7	6.7	6.7	400.2	4.24	6.5	6.4	6.4	6.4	6.4		
24.50	71.4	2.21	6.1	6.1	6.1	6.1	6.1	465.4	3.90	5.9	5.9	5.9	5.9	5.9		
27.97	62.6	1.93	6.2	6.1	6.1	6.1	6.1	466.7	3.56	6.0	5.9	5.9	6.0	5.9		
31.80	55.0	1.70	5.6	5.6	5.6	5.6	5.6	521.6	3.26	5.5	5.5	5.5	5.5	5.5		
34.04	51.4	1.59	5.5	5.5	5.5	5.5	5.5	568.2	3.01	5.3	5.4	5.4	5.4	5.4		
39.24	44.6	1.38	5.0	5.0	5.0	5.0	5.0	630.6	1.93	4.9	4.8	4.8	4.9	4.8		
44.12	39.7	0.86	4.6	4.6	4.6	4.6	4.6	733.8	1.52	4.5	4.5	4.5	4.5	4.5		

ILH Thermal Factors	
Ambient Temp (Deg. F)	Thermal Factor
0	1.78
20	1.56
40	1.34
60	1.11
68	1.00
80	0.88
100	0.63
120	0.44

Rated power as shown on the table above is for the largest available motor frame for a unit size and ratio. When using the factors in the table, compare result with the actual ratio and motor frame used.

Example: ILH 38, 10.57:1, 1750 RPM input speed, 140TC motor frame at 120 degree F ambient, A4 mounting position:

According to the table above, this unit is capable of 9.8 HP Thermally at 68 degree F. To convert this to the capability at 120 degrees F, multiply the rating by the factor in the Thermal Factors table (0.44). Actual Thermal Rating is 9.8*0.44 = 4.3 HP. The mechanical rating for the ILH 38, 10.57, 140TC frame is 4.59 HP. This unit is now thermally limited to a rating of 4.3 HP.

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Thermal Ratings - ILH 48

The Thermal HP ratings shown in the table below are based on an ambient temperature of 68° F, continuous operation and fan cooled motors. For ratings at other ambient temperatures, please consult Thermal Factors table below. Triple reduction units are not thermally limited. Shaded values indicate thermal limitations under the above conditions.

Ratio	1750 RPM							3450 RPM						
	Output Speed RPM	Rated Power HP	Mounting Position					Output Speed RPM	Rated Power HP	Mounting Position				
			A1 HP	A2 HP	A3 HP	A4 HP	A5, A6 HP			A1 HP	A2 HP	A3 HP	A4 HP	A5, A6 HP
4.28	408.5	13.88	32.9	32.3	32.3	32.3	32.3	805.4	22.81	32.1	27.1	28.1	28.6	28.1
5.15	340.1	12.88	30.4	29.9	30.0	30.0	30.0	670.4	21.22	30.4	27.3	27.8	28.3	27.8
6.06	288.8	10.95	28.5	28.2	28.2	28.2	28.2	569.4	19.70	29.0	27.2	27.5	27.7	27.5
6.79	257.8	9.77	27.7	27.5	27.5	27.5	27.5	508.2	18.29	28.7	27.3	27.5	27.7	27.5
6.90	253.7	11.05	21.6	21.2	21.2	21.3	21.2	500.1	16.59	21.3	18.2	18.9	19.5	18.9
8.29	211.2	9.80	22.9	21.9	22.0	22.0	22.0	416.3	14.70	22.1	19.7	20.3	20.8	20.3
9.76	179.3	8.79	20.8	20.8	20.6	20.7	20.6	353.6	13.19	21.1	19.7	19.9	20.2	19.9
10.93	160.1	8.15	20.2	20.1	20.0	20.1	20.0	315.5	12.23	20.6	19.7	19.8	20.1	19.8
12.25	142.8	7.55	19.2	19.1	19.1	19.2	19.1	281.5	11.33	19.9	19.1	19.2	19.5	19.2
13.38	130.8	7.11	18.3	18.3	18.3	18.3	18.3	257.9	10.67	19.0	18.5	18.6	19.3	18.6
14.68	119.2	6.68	17.7	17.6	17.6	17.8	17.6	235.0	10.03	18.5	18.1	18.1	18.3	18.1
16.17	108.2	6.26	16.7	16.6	16.6	16.6	16.6	213.4	9.39	17.5	17.2	17.2	17.3	17.2
17.55	99.7	5.91	16.0	16.0	15.9	15.9	15.9	196.6	8.88	16.9	16.6	16.6	16.7	16.6
19.13	91.5	5.58	15.2	15.2	15.2	15.2	15.2	180.4	8.37	16.4	15.9	15.9	16.0	15.9
20.95	83.5	5.24	14.4	14.4	14.4	14.4	14.4	164.7	7.87	15.3	15.5	15.5	15.3	15.5
23.07	75.9	4.79	13.6	13.6	13.6	13.6	13.6	149.5	7.37	14.5	14.4	14.4	14.5	14.4
26.53	66.0	4.17	12.8	12.8	12.8	12.8	12.8	130.0	6.69	13.7	13.6	13.6	13.7	13.6
28.74	60.9	3.85	12.2	12.2	12.2	12.2	12.2	120.0	6.33	12.9	12.8	12.8	12.9	12.8
31.77	55.1	3.48	11.4	11.3	11.3	11.4	11.3	108.6	5.91	12.2	12.1	12.1	12.3	12.1
37.06	47.2	2.98	10.7	10.8	10.8	10.8	10.8	93.1	5.31	11.5	11.5	11.5	11.5	11.5
41.26	42.4	2.68	10.0	10.0	10.0	10.0	10.0	83.6	4.39	10.7	10.7	10.7	10.7	10.7
45.38	38.6	2.44	9.4	9.4	9.4	9.4	9.4	76.0	3.19	10.3	10.1	10.1	10.1	10.1
51.28	34.1	1.87	8.6	8.6	8.6	8.6	8.6	67.3	2.08	9.3	9.3	9.3	9.3	9.3

ILH Thermal Factors	
Ambient Temp (Deg. F)	Thermal Factor
0	1.78
20	1.56
40	1.34
60	1.11
68	1.00
80	0.88
100	0.63
120	0.44

Rated power as shown on the table above is for the largest available motor frame for a unit size and ratio. When using the factors in the table, compare result with the actual ratio and motor frame used.

Example: ILH 48, 10.93:1, 1750 RPM input speed, 180TC motor frame at 100 degree F ambient, A1 mounting position:

According to the table above, this unit is capable of 20.2 HP Thermally at 68 degree F. To convert this to the capability at 100 degrees F, multiply the rating by the factor in the Thermal Factors table (0.63). Actual Thermal Rating is $20.2 \times 0.63 = 12.7$ HP. The mechanical rating for the ILH 48, 10.93, 180TC frame is 8.15 HP. This unit is not thermally limited.

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Thermal Ratings - ILH 68

The Thermal HP ratings shown in the table below are based on an ambient temperature of 68° F, continuous operation and fan cooled motors. For ratings at other ambient temperatures, please consult Thermal Factors table below. Triple reduction units are not thermally limited. Shaded values indicate thermal limitations under the above conditions.

Ratio	1750 RPM							3450 RPM						
	Output Speed	Rated Power	Mounting Position					Output Speed	Rated Power	Mounting Position				
			A1	A2	A3	A4	A5, A6			A1	A2	A3	A4	A5, A6
RPM	HP	HP	HP	HP	HP	HP	RPM	HP	HP	HP	HP	HP	HP	
3.49	500.8	26.64	53.2	50.5	50.3	50.5	50.3	987.3	39.98	45.0	26.4	29.7	32.1	29.7
4.22	415.1	24.96	49.8	48.2	48.4	48.5	48.4	818.3	37.46	45.4	33.4	35.5	37.5	35.5
5.06	345.9	23.27	49.9	49.0	49.0	49.0	49.0	681.9	34.92	48.0	41.8	42.4	43.6	42.5
5.93	295.1	20.31	46.6	46.0	46.0	46.0	46.0	581.7	32.62	45.9	43.7	43.9	44.5	43.9
6.72	260.4	24.68	40.0	38.1	38.6	38.8	38.6	513.4	37.03	35.1	21.9	25.1	28.5	25.1
8.11	215.8	22.48	37.5	36.3	36.4	36.8	36.4	425.5	33.73	34.6	25.9	28.0	30.5	28.0
9.73	179.9	20.17	37.2	36.4	36.6	36.8	36.6	354.6	30.28	35.9	31.4	32.1	33.7	32.1
11.40	153.4	17.25	34.5	34.1	34.2	34.3	34.2	302.5	27.25	33.9	30.7	31.4	32.3	31.4
13.59	128.7	14.47	31.7	31.5	31.5	31.6	31.5	253.8	24.22	31.6	29.8	30.1	31.0	30.1
14.74	118.7	13.34	31.1	31.0	31.0	31.0	31.0	234.0	22.92	31.4	30.0	30.0	30.9	30.0
16.45	106.4	11.98	29.5	29.5	29.4	29.4	29.4	209.7	21.29	30.0	29.0	28.9	29.6	28.9
17.82	98.2	11.03	28.3	28.3	28.3	28.3	28.3	193.6	20.16	29.0	28.1	28.1	28.6	28.1
20.20	86.6	9.73	26.7	26.6	26.5	26.6	26.5	170.8	18.52	27.4	26.9	26.9	27.1	26.9
21.76	80.4	9.04	25.2	25.2	25.2	25.2	25.2	158.6	17.60	26.1	25.6	25.6	25.9	25.6
23.53	74.4	8.36	24.0	24.0	24.0	24.0	24.0	146.6	16.47	24.9	24.5	24.5	24.7	24.5
25.55	68.5	7.70	22.8	22.8	22.8	22.8	22.8	135.0	15.17	23.7	23.6	23.4	23.6	23.4
28.25	62.0	6.96	21.4	21.4	21.4	21.4	21.4	122.1	13.72	22.4	22.2	22.1	22.2	22.1
30.60	57.2	6.43	20.5	20.4	20.4	20.4	20.4	112.7	12.67	21.5	21.2	21.2	21.4	21.2
34.49	50.7	5.70	19.4	19.4	19.4	19.4	19.4	100.0	11.24	20.4	20.4	20.3	20.4	20.3
37.76	46.3	5.21	18.1	18.0	18.0	18.0	18.0	91.4	10.24	19.0	18.9	18.9	18.9	18.9
42.06	41.6	4.67	16.6	16.6	16.6	16.6	16.6	82.0	7.77	17.5	17.5	17.5	17.5	17.5
48.09	36.4	3.04	16.0	16.0	16.0	16.0	16.0	71.7	5.83	17.0	17.0	16.9	17.0	16.9

ILH Thermal Factors	
Ambient Temp (Deg. F)	Thermal Factor
0	1.78
20	1.56
40	1.34
60	1.11
68	1.00
80	0.88
100	0.63
120	0.44

Rated power as shown on the table above is for the largest available motor frame for a unit size and ratio. When using the factors in the table, compare result with the actual ratio and motor frame used.

Example: ILH 68, 11.40:1, 3450 RPM input speed, 180TC motor frame at 100 degree F ambient, A1 mounting position:

According to the table above, this unit is capable of 33.9 HP Thermally at 68 degree F. To convert this to the capability at 100 degrees F, multiply the rating by the factor in the Thermal Factors table (0.63). Actual Thermal Rating is 33.9*0.63 = 21.3 HP. The mechanical rating for the ILH 68, 11.40, 180TC frame is 20.43 HP. This unit is not thermally limited.

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Thermal Ratings - ILH 88

The Thermal HP ratings shown in the table below are based on an ambient temperature of 68° F, continuous operation and fan cooled motors. For ratings at other ambient temperatures, please consult Thermal Factors table below. Triple reduction units are not thermally limited. Shaded values indicate thermal limitations under the above conditions.

Ratio	1750 RPM							3450 RPM						
	Output Speed RPM	Rated Power HP	Mounting Position					Output Speed RPM	Rated Power HP	Mounting Position				
			A1 HP	A2 HP	A3 HP	A4 HP	A5, A6 HP			A1 HP	A2 HP	A3 HP	A4 HP	A5, A6 HP
4.87	359.4	45.45	95.7	87.5	89.1	90.3	89.1	708.6	89.61	79.9	28.4	41.4	52.1	41.4
5.94	294.7	45.45	88.6	86.2	85.6	86.5	85.6	581.0	87.06	80.1	56.1	59.9	68.3	59.9
6.96	251.5	44.49	82.4	80.2	80.6	84.0	80.6	495.8	77.40	78.0	62.2	64.5	70.6	64.5
7.59	230.5	43.15	72.0	66.5	68.3	69.1	68.3	454.4	64.76	60.6	22.1	32.5	42.4	32.5
9.26	189.0	37.37	67.1	64.5	65.0	66.0	65.0	372.6	56.08	60.4	41.9	45.3	53.0	45.3
10.85	161.3	33.51	62.6	60.8	61.1	61.7	61.1	318.0	50.28	58.8	46.4	48.5	54.1	48.5
12.75	137.2	30.13	61.6	60.7	60.7	61.1	60.7	270.5	45.20	60.5	53.6	54.5	58.0	54.5
14.63	119.6	27.60	57.4	56.7	56.8	57.2	56.8	235.8	41.40	58.0	52.3	52.8	55.5	52.8
17.27	101.3	23.91	52.7	52.6	52.6	52.2	52.6	199.8	37.25	53.3	50.3	50.5	52.3	50.5
18.72	93.5	22.06	51.2	50.9	50.9	51.0	50.9	184.3	34.92	52.5	50.2	50.4	51.8	50.4
20.81	84.1	19.84	48.4	48.1	48.1	48.2	48.1	165.8	32.10	50.1	48.4	48.4	49.4	48.4
22.61	77.4	18.26	46.2	45.6	45.6	46.0	45.6	152.6	30.07	47.7	46.3	46.3	47.3	46.3
25.01	70.0	16.51	43.9	43.6	43.6	43.6	43.6	138.0	27.80	46.0	44.7	44.9	45.6	44.9
26.85	65.2	15.38	41.5	41.4	41.4	41.4	41.4	128.5	26.29	43.6	42.7	42.8	43.3	42.8
28.93	60.5	14.27	39.5	39.5	39.4	39.5	39.4	119.2	24.84	41.7	41.0	41.1	41.6	41.1
31.32	55.9	13.18	37.6	37.4	37.4	37.5	37.4	110.2	23.37	39.7	39.2	39.2	39.6	39.2
34.07	51.4	12.12	35.7	35.7	35.7	35.8	35.7	101.3	21.92	38.1	37.6	37.3	37.7	37.3
37.27	46.9	11.08	33.5	33.5	33.5	33.5	33.5	92.6	18.13	35.8	35.3	35.3	35.5	35.3
41.90	41.8	9.19	31.7	31.5	31.5	31.6	31.5	82.3	15.14	33.8	33.5	33.5	34.0	33.5
45.76	38.2	8.50	29.3	29.2	29.2	29.3	29.2	75.4	13.99	31.4	31.1	31.1	31.5	31.1
50.73	34.5	5.58	27.2	27.1	27.1	27.2	27.1	68.0	9.01	29.1	28.9	28.9	29.0	28.9

ILH Thermal Factors	
Ambient Temp (Deg. F)	Thermal Factor
0	1.78
20	1.56
40	1.34
60	1.11
68	1.00
80	0.88
100	0.63
120	0.44

Rated power as shown on the table above is for the largest available motor frame for a unit size and ratio. When using the factors in the table, compare result with the actual ratio and motor frame used.

Example: ILH 88, 4.87:1, 3450 RPM input speed, 210TC motor frame at 40 degree F ambient, A2 mounting position:

According to the table above, this unit is capable of 28.4 HP Thermally at 68 degree F. To convert this to the capability at 40 degrees F, multiply the rating by the factor in the Thermal Factors table (1.34). Actual Thermal Rating is 28.4*1.34 = 38.1 HP. The mechanical rating for the ILH 88, 4.87, 210TC frame is 56.18 HP. This unit is now thermally limited to a rating of 38.1 HP.

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Thermal Ratings - ILH 108

The Thermal HP ratings shown in the table below are based on an ambient temperature of 68° F, continuous operation and fan cooled motors. For ratings at other ambient temperatures, please consult Thermal Factors table below. Triple reduction units are not thermally limited. Shaded values indicate thermal limitations under the above conditions.

Ratio	1750 RPM							3450 RPM						
	Output Speed	Rated Power	Mounting Position					Output Speed	Rated Power	Mounting Position				
			A1	A2	A3	A4	A5, A6			A1	A2	A3	A4	A5, A6
	RPM	HP	HP	HP	HP	HP	HP	RPM	HP	HP	HP	HP	HP	
5.51	317.8	75.54	130.5	112.8	116.4	119.6	116.1	626.4	139.62	80.4	0.0	0.8	19.2	1.9
6.41	273.1	67.46	125.7	114.4	117.6	119.2	115.9	538.4	124.69	87.2	13.6	33.3	48.5	26.0
7.10	246.4	62.38	123.3	115.2	117.6	118.6	116.1	485.8	115.29	93.8	37.7	55.5	65.9	46.8
8.27	211.6	92.12	91.6	79.1	82.3	84.8	81.5	417.1	146.32	55.6	0.0	4.0	19.4	4.0
9.62	181.8	79.20	88.6	80.5	83.2	84.5	81.7	358.5	132.90	60.1	10.8	26.0	37.0	19.7
10.67	164.1	71.40	87.2	81.3	83.4	84.2	82.0	323.4	124.28	64.7	26.3	40.2	47.9	33.0
12.68	138.1	60.08	82.5	79.5	81.0	81.0	79.4	272.2	111.07	65.9	44.4	55.8	57.9	46.0
14.63	119.6	52.08	77.8	75.8	76.8	76.8	75.7	235.8	100.19	66.1	51.3	59.7	60.9	52.1
17.19	101.8	44.32	76.3	75.1	75.8	75.7	75.0	200.7	87.37	69.4	60.7	65.9	66.4	60.8
19.48	89.8	39.11	71.8	71.0	71.5	71.3	70.8	177.1	77.10	67.1	61.1	64.7	65.0	61.0
22.86	76.6	33.33	66.0	65.5	65.8	65.7	65.4	150.9	65.70	63.5	59.5	62.1	62.2	59.5
24.94	70.2	30.55	64.0	63.6	63.8	63.7	63.5	138.4	60.22	62.6	59.6	61.4	61.6	59.5
27.20	64.3	27.96	61.3	60.9	61.2	61.1	60.9	126.8	55.13	60.6	58.2	59.7	59.8	58.2
29.35	59.6	25.96	58.6	58.3	58.4	58.4	58.3	117.5	51.17	58.3	56.5	57.6	57.8	56.4
32.81	53.3	23.22	55.4	55.2	55.2	55.3	55.2	105.2	45.78	55.8	54.4	55.2	55.3	54.3
35.14	49.8	21.68	52.7	52.6	52.7	52.7	52.5	98.2	42.74	53.4	52.2	52.8	53.1	52.2
37.79	46.3	20.16	50.3	50.1	50.2	50.2	50.1	91.3	33.43	51.2	50.3	50.7	50.9	50.3
40.82	42.9	18.66	47.9	47.7	47.8	47.8	47.7	84.5	31.23	49.1	48.2	48.6	48.8	48.2
44.31	39.5	17.19	45.6	45.5	45.5	45.5	45.4	77.9	29.03	46.9	46.2	46.6	46.8	46.2
48.38	36.2	15.75	43.0	42.9	42.9	42.9	42.9	71.3	24.98	44.5	43.9	44.0	44.3	43.9

ILH Thermal Factors	
Ambient Temp (Deg. F)	Thermal Factor
0	1.78
20	1.56
40	1.34
60	1.11
68	1.00
80	0.88
100	0.63
120	0.44

Rated power as shown on the table above is for the largest available motor frame for a unit size and ratio. When using the factors in the table, compare result with the actual ratio and motor frame used. A thermal rating of 0.0 indicates that this ratio and input RPM are not recommended.

Example: ILH 108, 19.48:1, 1750 RPM input speed, 250TC motor frame at 80 degree F ambient, A6 mounting position:

According to the table above, this unit is capable of 70.8 HP Thermally at 68 degree F. To convert this to the capability at 80 degrees F, multiply the rating by the factor in the Thermal Factors table (0.88). Actual Thermal Rating is 70.8*0.88 = 62.3 HP. The mechanical rating for the ILH 108, 19.48, 250TC frame is 38.07 HP. This unit is not thermally limited.

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THERMAL RATINGS



Thermal Ratings - ILH 128

The Thermal HP ratings shown in the table below are based on an ambient temperature of 68° F, continuous operation and fan cooled motors. For ratings at other ambient temperatures, please consult Thermal Factors table below. Triple reduction units are not thermally limited. Shaded values indicate thermal limitations under the above conditions.

Ratio	1750 RPM							3450 RPM						
	Output Speed	Rated Power	Mounting Position					Output Speed	Rated Power	Mounting Position				
			A1	A2	A3	A4	A5, A6			A1	A2	A3	A4	A5, A6
RPM	HP	HP	HP	HP	HP	HP	RPM	HP	HP	HP	HP	HP	HP	
3.63	482.5	135.96	202.5	129.7	139.7	147.5	139.7	951.3	247.66	32.6	0	0	0	0
4.83	362.7	126.33	192.5	152.4	160.7	168.8	160.7	715.0	231.27	93.4	0	0	0	0
5.59	313.2	114.62	194.7	171.8	174.8	181.1	174.8	617.5	211.38	123.2	0	3.9	42.1	3.9
5.93	295.3	135.98	136.8	87.6	98.1	106.5	98.1	582.2	247.72	32.9	0	0	0	0
7.88	222.0	126.52	130.4	103.4	109.6	116.5	109.6	437.6	222.48	65.4	0	0	1.3	0
9.13	191.7	116.62	131.7	116.0	118.5	124.0	118.5	377.9	202.63	82.8	0	8.7	39.5	8.7
10.78	162.4	104.95	123.4	113.5	114.6	119.0	114.6	320.1	182.09	89.3	24.5	34.6	63.2	34.6
12.03	145.4	96.35	119.8	112.6	113.3	116.5	113.3	286.7	169.60	95.3	46.5	53.9	76.7	53.9
14.06	124.5	85.09	113.5	109.5	109.5	111.8	109.5	245.3	153.08	96.3	67.2	69.0	87.2	69
16.12	108.6	76.13	107.0	104.3	104.1	105.9	104.1	214.0	139.84	96.4	75.8	76.9	90.2	76.9
18.64	93.9	67.24	99.7	97.8	97.8	98.9	97.8	185.1	124.57	94.1	80.2	80.9	90.1	80.9
19.35	90.5	64.77	102.8	101.4	101.2	102.2	101.2	178.3	120.73	99.3	87.8	88.2	95.8	88.2
21.41	81.7	58.54	97.5	96.4	96.3	97.0	96.3	161.2	110.89	96.2	87.5	87.8	93.7	87.8
25.05	69.9	50.04	89.4	88.6	88.6	89.1	88.6	137.7	97.03	90.5	84.7	85.0	88.9	85.0
27.13	64.5	46.20	86.6	86.0	86.0	86.3	86.0	127.2	90.60	88.9	84.5	84.5	87.6	84.5
30.28	57.8	41.39	81.3	80.8	80.8	81.1	80.8	113.9	81.60	84.5	81.1	81.3	83.7	81.3
32.11	54.5	39.03	78.5	78.2	78.2	78.4	78.2	107.5	76.95	82.2	79.2	79.4	81.4	79.4
36.39	48.1	28.42	72.9	72.6	72.6	72.8	72.6	94.8	52.12	77.0	74.8	75.1	76.5	75.1
38.94	44.9	26.84	69.5	69.2	69.2	69.3	69.2	88.6	47.63	73.7	71.9	72.0	73.3	72.0
40.96	42.7	17.95	67.4	67.3	67.3	67.4	67.3	84.2	32.48	71.8	70.2	70.4	71.5	70.4

ILH Thermal Factors	
Ambient Temp (Deg. F)	Thermal Factor
0	1.78
20	1.56
40	1.34
60	1.11
68	1.00
80	0.88
100	0.63
120	0.44

Rated power as shown on the table above is for the largest available motor frame for a unit size and ratio. When using the factors in the table, compare result with the actual ratio and motor frame used. A thermal rating of 0.0 indicates that this ratio and input RPM are not recommended.

Example: ILH 128, 12.03:1, 1750 RPM input speed, 320TC motor frame at 100 degree F ambient, A1 mounting position:

According to the table above, this unit is capable of 119.8 HP Thermally at 68 degree F. To convert this to the capability at 100 degrees F, multiply the rating by the factor in the Thermal Factors table (0.63). Actual Thermal Rating is 119.8*0.63 = 75.5 HP. The mechanical rating for the ILH 128, 12.03, 320TC frame is 96.35 HP. This unit is now thermally limited to 75.5 HP.

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Thermal Ratings - ILH 148

The Thermal HP ratings shown in the table below are based on an ambient temperature of 68° F, continuous operation and fan cooled motors. For ratings at other ambient temperatures, please consult Thermal Factors table below. Triple reduction units are not thermally limited. Shaded values indicate thermal limitations under the above conditions.

Ratio	1750 RPM							3450 RPM						
	Output Speed	Rated Power	Mounting Position					Output Speed	Rated Power	Mounting Position				
			A1	A2	A3	A4	A5, A6			A1	A2	A3	A4	A5, A6
	RPM	HP	HP	HP	HP	HP	HP	RPM	HP	HP	HP	HP	HP	
4.92	355.7	144.74	262.5	170.2	177.0	185.8	177.0	701.2	265.03	14.0	0.0	0.0	0.0	0.0
6.43	272.2	125.68	253.6	199.3	207.7	218.0	207.7	536.7	230.10	105.6	0.0	0.0	0.0	0.0
7.57	231.1	114.24	250.4	219.8	222.3	231.4	222.3	455.7	209.12	156.3	0.0	0.0	39.1	0.0
8.79	199.2	144.67	163.2	107.1	117.0	130.8	117.0	392.7	264.90	26.2	0.0	0.0	0.0	0.0
11.48	152.4	125.70	167.0	133.3	139.5	150.9	139.5	300.5	230.14	75.2	0.0	0.0	2.7	0.0
13.52	129.4	114.22	165.7	146.0	148.5	157.0	148.5	255.2	209.09	104.0	0.8	10.2	55.0	10.2
15.51	112.8	104.82	159.1	145.5	146.6	153.4	146.6	222.5	191.88	113.5	29.5	39.0	82.4	39.0
17.09	102.4	98.39	156.3	146.4	146.9	152.3	146.9	201.9	180.10	123.6	57.7	64.7	100.7	64.7
20.21	86.6	87.69	146.9	141.3	141.1	144.8	141.1	170.7	160.52	127.5	90.5	92.1	117.6	92.1
23.04	76.0	79.79	138.9	134.9	134.9	137.5	134.9	149.8	146.07	128.2	100.0	101.1	120.4	101.1
26.49	66.1	71.89	129.9	127.3	127.2	128.9	127.2	130.2	131.59	126.1	106.8	107.4	121.1	107.4
30.28	57.8	64.81	127.6	126.0	125.9	127.0	125.9	113.9	118.63	129.7	117.6	117.6	126.4	117.6
35.09	49.9	56.03	117.9	116.8	116.7	117.4	116.7	98.3	107.37	123.0	114.9	115.1	121.0	115.1
38.23	45.8	51.43	114.0	113.2	113.1	113.6	113.1	90.2	100.09	120.9	114.7	114.7	119.3	114.7
42.59	41.1	46.16	107.3	106.7	106.5	107.0	106.5	81.0	81.98	115.2	110.6	110.7	114.0	110.7
45.11	38.8	43.58	103.8	103.1	103.1	103.5	103.1	76.5	77.87	112.0	108.1	108.1	111.1	108.1

ILH Thermal Factors	
Ambient Temp (Deg. F)	Thermal Factor
0	1.78
20	1.56
40	1.34
60	1.11
68	1.00
80	0.88
100	0.63
120	0.44

Rated power as shown on the table above is for the largest available motor frame for a unit size and ratio. When using the factors in the table, compare result with the actual ratio and motor frame used. A thermal rating of 0.0 indicates that this ratio and input RPM are not recommended.

Example: ILH 148, 15.51:1, 3450 RPM input speed, 280TC motor frame at 60 degree F ambient, A4 mounting position:

According to the table above, this unit is capable of 82.4 HP Thermally at 68 degree F. To convert this to the capability at 60 degrees F, multiply the rating by the factor in the Thermal Factors table (1.11). Actual Thermal Rating is $82.4 * 1.11 = 91.5$ HP. The mechanical rating for the ILH 148, 15.51, 280TC frame is 181.36 HP. This unit is now thermally limited to 91.5 HP.

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Thermal Ratings - ILH 168

The Thermal HP ratings shown in the table below are based on an ambient temperature of 68° F, continuous operation and fan cooled motors. For ratings at other ambient temperatures, please consult Thermal Factors table below. Triple reduction units are not thermally limited. Shaded values indicate thermal limitations under the above conditions.

Ratio	1750 RPM							3450 RPM						
	Output Speed RPM	Rated Power HP	Mounting Position					Output Speed RPM	Rated Power HP	Mounting Position				
			A1 HP	A2 HP	A3 HP	A4 HP	A5, A6 HP			A1 HP	A2 HP	A3 HP	A4 HP	A5, A6 HP
4.93	355.2	158.68	386.1	235.8	247.1	256.0	247.1	700.2	297.65	0.0	0.0	0.0	0.0	0.0
6.20	282.2	145.11	385.8	266.9	280.7	303.6	280.7	556.3	265.70	64.8	0.0	0.0	0.0	0.0
8.21	213.1	158.81	260.9	158.3	168.8	180.8	168.8	420.1	297.90	0.0	0.0	0.0	0.0	0.0
10.34	169.3	145.02	260.2	181.7	193.6	215.8	193.6	333.8	265.53	56.8	0.0	0.0	0.0	0.0
13.27	131.9	126.00	250.0	208.2	213.2	229.0	213.2	260.0	230.69	132.7	0.0	0.0	24.3	0.0
15.44	113.3	114.71	247.1	222.3	223.6	235.4	223.6	223.4	210.06	173.3	21.8	34.5	104.7	34.5
17.60	99.4	105.34	237.1	220.3	220.4	229.5	220.4	196.0	192.83	187.4	74.0	81.0	143.4	81.0
19.30	90.7	98.94	232.3	219.6	219.4	226.3	219.4	178.7	181.09	197.8	113.5	117.3	167.0	117.3
23.26	75.2	86.59	215.4	208.9	208.3	212.7	208.3	148.3	158.50	206.0	157.1	155.6	189.2	155.6
25.84	67.7	80.04	204.6	199.8	199.1	202.3	199.1	133.5	146.53	203.9	167.8	166.2	191.9	166.2
29.27	59.8	72.73	191.6	188.4	187.8	190.1	187.8	117.9	133.16	198.5	174.1	172.4	190.8	172.4
33.88	51.6	64.76	177.7	175.6	175.1	176.5	175.1	101.8	118.56	191.3	175.9	174.4	186.1	174.4
39.45	44.4	57.19	160.6	159.3	158.9	160.0	158.9	87.5	104.67	177.1	166.9	165.5	173.7	165.5
42.09	41.6	53.86	155.2	154.2	153.9	154.7	153.9	82.0	98.60	172.8	164.5	163.3	170.0	163.3
46.61	37.5	51.55	153.8	153.1	152.7	153.3	152.7	74.0	83.76	173.7	168.7	167.2	171.9	167.2

ILH Thermal Factors	
Ambient Temp (Deg. F)	Thermal Factor
0	1.78
20	1.56
40	1.34
60	1.11
68	1.00
80	0.88
100	0.63
120	0.44

Rated power as shown on the table above is for the largest available motor frame for a unit size and ratio. When using the factors in the table, compare result with the actual ratio and motor frame used. A thermal rating of 0.0 indicates that this ratio and input RPM are not recommended.

Example: ILH 168, 17.60:1, 3450 RPM input speed, 250TC motor frame at 120 degree F ambient, A1 mounting position:

According to the table above, this unit is capable of 187.4 HP Thermally at 68 degree F. To convert this to the capability at 120 degrees F, multiply the rating by the factor in the Thermal Factors table (0.44). Actual Thermal Rating is $187.4 \times 0.44 = 82.5$ HP. The mechanical rating for the ILH 168, 17.60, 250TC frame is 89.63 HP. This unit is now thermally limited to 82.5 HP.

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WEIGHTS - ILH 38

				Output Configuration								
				Foot Mounted		Flange Mounted						
						B14		B5		NEMA (Single Reduction)		
Unit Size	Input Configuration	Catalog Number		Weight (lbs) (L)	Weight (Kg) (L)	Weight (lbs) (L)	Weight (Kg) (L)	Weight (lbs) (L)	Weight (Kg) (L)	Weight (lbs) (L)	Weight (Kg) (L)	
38	Clamp Collar	H_381CN56C	H_381CI71D	21	10	19	9	23	10	22	10	
		--	H_381CI80D	26	12	23	10	27	12	26	12	
		H_381CN140TC	H_381CI90D	26	12	23	10	27	12	26	12	
		H_381CN180TC	H_381CI100D	31	14	29	13	33	15	32	15	
		H_382CN56C	H_382CI71D	31	14	29	13	33	15	--		
		--	H_382CI80D	37	17	33	15	37	17			
		H_382CN140TC	H_382CI90D	37	17	33	15	37	17			
		H_382CN180TC	H_382CI100D	41	19	37	17	41	19			
		H_383CN56C	H_383CI71D	32	15	30	14	34	15			
		--	H_383CI80D	37	17	34	15	38	17			
	H_383CN140TC	H_383CI90D	37	17	34	15	38	17	--			
	H_381LN56C	H_381LI71D	30	14	28	13	32	15			31	14
	--	H_381LI80D	42	19	33	15	37	17			36	16
	H_381LN140TC	H_381LI90D	42	19	33	15	37	17			36	16
	H_381LN180TC	H_381LI100D	49	22	46	21	50	23			49	22
	H_382LN56C	--	32	15	37	17	41	19			--	
	--	H_382LI80D	53	24	49	22	53	24				
	H_382LN140TC	H_382LI90D	53	24	49	22	53	24				
	--	H_382LI100D	64	29	60	27	64	29				
	H_383LN56C	--	33	15	38	17	42	19	--			
	--	H_383LI80D	54	24	51	23	55	25				
	H_383LN140TC	H_383LI90D	54	24	51	23	55	25				
	Separate Group (Inch / Metric)	H_381SI71	H_381SM71	24	11	22	10	26	12	25	11	
		H_381SI80	H_381SM80	33	15	31	14	35	16	34	15	
		H_381SI90	H_381SM90	33	15	31	14	35	16	34	15	
		H_381SI100	H_381SM100	39	18	37	17	41	19	40	18	
		H_382SI71	H_382SM71	38	17	34	15	38	17	--		
		H_382SI80	H_382SM80	46	21	42	19	46	21			
		H_382SI90	H_382SM90	46	21	42	19	46	21			
		H_382SI100	H_382SM100	47	21	43	20	47	21			
		H_383SI71	H_383SM71	40	18	37	17	41	19			
		H_383SI80	H_383SM80	48	22	45	20	49	22			
	H_383SI90	H_383SM90	48	22	45	20	49	22	--			
	H_381GH71C4	--	25	11	23	10	27	12			26	12
	H_381GH71D4		25	11	23	10	27	12			26	12
	H_381GH71E4		28	13	26	12	30	14			29	13
H_381GH80F4	32		15	30	14	34	15	33			15	
H_381GH80G4	36		16	34	15	38	17	37	17			
Integral Gearmotor (HP)												

* Weights are Approximate
(L) - See Footnotes page on the inside back cover

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WEIGHTS - ILH 38 (Continued)

				Output Configuration							
				Foot Mounted		Flange Mounted					
						B14		B5		NEMA (Single Reduction)	
Unit Size	Input Configuration	Catalog Number		Weight (lbs)	Weight (Kg)	Weight (lbs)	Weight (Kg)	Weight (lbs)	Weight (Kg)	Weight (lbs)	Weight (Kg)
		NEMA	IEC	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
38	Integral Gearmotor (HP) (Continued)	H_381GH90H4	--	41	19	39	18	43	20	42	19
		H_381GH90I4		46	21	44	20	48	22	47	21
		H_381GH100J4		55	25	53	24	57	26	56	25
		H_382GH71C4		41	19	37	17	41	19	--	
		H_382GH71D4		41	19	37	17	41	19		
		H_382GH71E4		45	20	41	19	45	20		
		H_382GH80F4		45	20	41	19	45	20		
		H_382GH80G4		48	22	44	20	48	22		
		H_382GH90H4		53	24	49	22	53	24		
		H_382GH90I4		58	26	54	24	58	26		
		H_382GH100J4		65	29	61	28	65	29		
		H_383GH71C4		41	19	38	17	42	19		
		H_383GH71D4		41	19	38	17	42	19		
		H_383GH71E4		45	20	42	19	46	21		
		H_383GH80F4		45	20	42	19	46	21		
		H_383GH80G4		48	22	45	20	49	22		
H_383GH90H4	53	24	50	23	54	24					
H_383GH90I4	58	26	55	25	59	27					

* Weights are Approximate
(L) - See Footnotes page on the inside back cover

WEIGHTS - ILH 48

Unit Size		Input Configuration		Catalog Number		Output Configuration							
						Foot Mounted		Flange Mounted				Nema (Single Reduction)	
								B14		B5			
Weight (lbs) (L)	Weight (Kg) (L)	Weight (lbs) (L)	Weight (Kg) (L)	Weight (lbs) (L)	Weight (Kg) (L)	Weight (lbs) (L)	Weight (Kg) (L)	Weight (lbs) (L)	Weight (Kg) (L)				
48	Clamp Collar	H_481CN56C	H_481CI71D	29	13	24	11	31	14	29	13		
		--	H_481CI80D	33	15	28	13	35	16	33	15		
		H_481CN140TC	H_481CI90D	33	15	28	13	35	16	33	15		
		H_481CN180TC	H_481CI100D	38	17	34	15	41	19	39	18		
		--	H_481CI112D	40	18	35	16	42	19	40	18		
		H_482CN56C	H_482CI71D	53	24	50	23	57	26	--			
		--	H_482CI80D	58	26	54	24	61	28				
		H_482CN140TC	H_482CI90D	58	26	54	24	61	28				
		H_482CN180TC	H_482CI100D	63	29	58	26	65	29				
		--	H_482CI112D	65	29	61	28	68	31				
		H_483CN56C	H_483CI71D	54	24	51	23	58	26				
		--	H_483CI80D	59	27	55	25	62	28				
		H_483CN140TC	H_483CI90D	59	27	55	25	62	28				
		H_483CN180TC	H_483CI100D	64	29	59	27	66	30				
	H_481LN56C	--	37	17	33	15	40	18	38			17	
	--	H_481LI80D	43	20	45	20	52	24	50			23	
	H_481LN140TC	H_481LI90D	43	20	45	20	52	24	50			23	
	H_481LN180TC	H_481LI100D	56	25	51	23	58	26	56			25	
	--	H_481LI112D	64	29	59	27	66	30	64			29	
	H_482LN56C	--	54	24	58	26	65	29	--				
	--	H_482LI80D	75	34	70	32	77	35					
	H_482LN140TC	H_482LI90D	75	34	70	32	77	35					
	H_482LN180TC	H_482LI100D	86	39	81	37	88	40					
	--	H_482LI112D	89	40	84	38	91	41					
	H_483LN56C	--	55	25	59	27	66	30					
	--	H_483LI80D	76	34	71	32	78	35					
	H_483LN140TC	H_483LI90D	76	34	71	32	78	35					
	H_483LN180TC	H_483LI100D	86	39	82	37	89	40					
	H_481SI71	H_481SM71	32	15	27	12	34	15			32	15	
	H_481SI80	H_481SM80	41	19	36	16	43	20	41	19			
	H_481SI90	H_481SM90	41	19	36	16	43	20	41	19			
	H_481SI100	H_481SM100	47	21	42	19	49	22	47	21			
	H_481SI112	H_481SM112	55	25	50	23	57	26	55	25			
	H_482SI71	H_482SM71	61	28	57	26	64	29	--				
	H_482SI80	H_482SM80	69	31	64	29	71	32					
	H_482SI90	H_482SM90	69	31	65	29	72	33					
	H_482SI100	H_482SM100	78	35	73	33	80	36					
	H_482SI112	H_482SM112	80	36	78	35	85	39					

* Weights are Approximate

(L) - See Footnotes page on the inside back cover

NOMENCLATURE PAGE ILH-4	SELECTION GEARMOTOR PAGE ILH-78	DIMENSIONS PAGE ILH-158	THERMAL RATINGS PAGE-ILH-335
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WEIGHTS - ILH 48 (Continued)

				Output Configuration								
				Foot Mounted		Flange Mounted						
						B14		B5		Nema (Single Reduction)		
Unit Size	Input Configuration	Catalog Number		Weight (lbs) (L)	Weight (Kg) (L)	Weight (lbs) (L)	Weight (Kg) (L)	Weight (lbs) (L)	Weight (Kg) (L)	Weight (lbs) (L)	Weight (Kg) (L)	
		NEMA	IEC									
48	Separate Group (Inch / Metric) (Continued)	H_483SI71	H_483SM71	63	29	59	27	66	30	--		
		H_483SI80	H_483SM80	71	32	66	30	73	33	--		
		H_483SI90	H_483SM90	71	32	67	30	74	34	--		
		H_483SI100	H_483SM100	80	36	75	34	82	37	--		
	Integral Gearmotor HP	--	H_481GH71C4		33	15	28	13	35	16	33	15
			H_481GH71D4		33	15	28	13	35	16	33	15
			H_481GH71E4		36	16	31	14	38	17	36	16
			H_481GH80F4		40	18	35	16	42	19	40	18
			H_481GH80G4		44	20	39	18	46	21	44	20
			H_481GH90H4		49	22	44	20	51	23	49	22
			H_481GH90I4		54	24	49	22	56	25	54	24
			H_481GH100J4		63	29	58	26	65	29	63	29
			H_481GH112L4		90	41	85	39	92	42	90	41
			H_482GH71C4		62	28	58	26	65	29	--	
			H_482GH71D4		62	28	58	26	65	29	--	
			H_482GH71E4		66	30	62	28	69	31	--	
			H_482GH80F4		66	30	62	28	69	31	--	
			H_482GH80G4		69	31	65	29	72	33	--	
			H_482GH90H4		74	34	70	32	77	35	--	
			H_482GH90I4		79	36	75	34	82	37	--	
			H_482GH100J4		86	39	82	37	89	40	--	
			H_482GH112L4		108	49	104	47	111	50	--	
			H_483GH71C4		63	29	59	27	66	30	--	
			H_483GH71D4		63	29	59	27	66	30	--	
			H_483GH71E4		67	30	63	29	70	32	--	
			H_483GH80F4		67	30	63	29	70	32	--	
			H_483GH80G4		70	32	66	30	73	33	--	
			H_483GH90H4		75	34	71	32	78	35	--	
H_483GH90I4		80	36	76	34	83	38	--				
H_483GH100J4		87	39	83	38	90	41	--				

* Weights are Approximate

(L) - See Footnotes page on the inside back cover

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WEIGHTS - ILH 68

Unit Size		Input Configuration		Catalog Number		Output Configuration							
						Foot Mounted		Flange Mounted				Nema (Single Reduction)	
								B14		B5			
				Weight (lbs) (L)	Weight (Kg) (L)	Weight (lbs) (L)	Weight (Kg) (L)	Weight (lbs) (L)	Weight (Kg) (L)	Weight (lbs) (L)	Weight (Kg) (L)		
68	Clamp Collar	H_681CN56C	H_681CI71D	45	20	42	19	53	24	52	24		
		--	H_681CI80D	49	22	46	21	57	26	56	25		
		H_681CN140TC	H_681CI90D	49	22	46	21	57	26	56	25		
		H_681CN180TC	H_681CI100D	55	25	51	23	62	28	61	28		
		--	H_681CI112D	56	25	53	24	64	29	63	29		
		H_681CN210TC	H_681CI132D	70	32	67	30	78	35	77	35		
		H_682CN56C	H_682CI71D	87	39	83	38	94	43	--	--		
		--	H_682CI80D	95	43	87	39	98	44				
		H_682CN140TC	H_682CI90D	95	43	87	39	98	44				
		H_682CN180TC	H_682CI100D	100	45	92	42	103	47				
		--	H_682CI112D	102	46	94	43	105	48				
		H_682CN210TC	H_682CI132D	115	52	108	49	119	54				
		H_683CN56C	H_683CI71D	93	42	86	39	97	44				
		--	H_683CI80D	99	45	90	41	101	46				
	H_683CN140TC	H_683CI90D	98	44	90	41	101	46					
	H_683CN180TC	H_683CI100D	103	47	95	43	106	48					
	3 Pc Coupled	H_681LN56C	--	54	24	50	23	61	28			60	27
		--	H_681LI80D	66	30	62	28	73	33			72	33
		H_681LN140TC	H_681LI90D	66	30	62	28	73	33	72	33		
		H_681LN180TC	H_681LI100D	72	33	69	31	80	36	79	36		
		--	H_681LI112D	80	36	77	35	88	40	87	39		
		H_681LN210TC	H_681LI132D	88	40	85	39	96	44	95	43		
		H_682LN56C	--	91	41	91	41	102	46	--	--		
		H_682LN140TC	H_682LI90D	112	51	104	47	115	52				
		H_682LN180TC	H_682LI100D	123	56	115	52	126	57				
		--	H_682LI112D	126	57	118	54	129	59				
		H_682LN210TC	H_682LI132D	145	66	137	62	148	67				
		H_683LN56C	--	94	43	94	43	105	48				
		--	H_683LI80D	115	52	107	49	118	54				
		H_683LN140TC	H_683LI90D	115	52	107	49	118	54				
	H_683LN180TC	H_683LI100D	126	57	118	54	129	59					
	Separate Group (Inch / Metric)	H_681SI71	H_681SM71	48	22	45	20	56	25			55	25
		H_681SI80	H_681SM80	57	26	54	24	65	29	64	29		
		H_681SI90	H_681SM90	57	26	54	24	65	29	64	29		
		H_681SI100	H_681SM100	63	29	60	27	71	32	70	32		
		H_681SI112	H_681SM112	71	32	68	31	79	36	78	35		
H_681SI132		H_681SM132	89	40	86	39	97	44	96	44			
H_682SI71		H_682SM71	100	45	92	42	103	47	--	--			
H_682SI80		H_682SM80	111	50	100	45	111	50					

* Weights are Approximate

(L) - See Footnotes page on the inside back cover

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WEIGHTS - ILH 68 (Continued)

				Output Configuration									
				Foot Mounted		Flange Mounted						Nema (Single Reduction)	
						B14		B5					
Unit Size	Input Configuration	Catalog Number		Weight (lbs) (L)	Weight (Kg) (L)	Weight (lbs) (L)	Weight (Kg) (L)	Weight (lbs) (L)	Weight (Kg) (L)	Weight (lbs) (L)	Weight (Kg) (L)		
		NEMA	IEC										
68	Separate Group (Inch / Metric) (Continued)	H_682SI90	H_682SM90	108	49	100	45	111	50	--			
		H_682SI100	H_682SM100	117	53	109	49	120	54				
		H_682SI112	H_682SM112	120	54	112	51	123	56				
		H_682SI132	H_682SM132	141	64	133	60	144	65				
		H_683SI71	H_683SM71	106	48	106	48	117	53				
		H_683SI80	H_683SM80	112	51	105	48	116	53				
		H_683SI90	H_683SM90	114	52	105	48	116	53				
		H_683SI100	H_683SM100	122	55	114	52	125	57				
	Integral Gearmotor (HP)	--	H_681GH71C4	--	49	22	46	21	57	26	56	25	
			H_681GH71D4		49	22	46	21	57	26	56	25	
			H_681GH71E4		52	24	49	22	60	27	59	27	
			H_681GH80F4		56	25	53	24	64	29	154	70	
			H_681GH80G4		60	27	57	26	68	31	67	30	
			H_681GH90H4		65	29	62	28	73	33	72	33	
			H_681GH90I4		70	32	67	30	78	35	77	35	
			H_681GH100J4		79	36	76	34	87	39	86	39	
			H_681GH112L4		106	48	103	47	114	52	113	51	
			H_681GH132M4		136	62	133	60	144	65	143	65	
			H_681GH132N4		147	67	144	65	155	70	154	70	
			H_682GH71C4		99	45	91	41	102	46	--		
			H_682GH71D4		99	45	91	41	102	46			
			H_682GH71E4		103	47	95	43	106	48			
			H_682GH80F4		103	47	95	43	106	48			
			H_682GH80G4		106	48	98	44	109	49			
			H_682GH90H4		111	50	103	47	114	52			
			H_682GH90I4		116	53	108	49	119	54			
			H_682GH100J4		123	56	115	52	126	57			
			H_682GH112L4		145	66	137	62	148	67			
			H_682GH132M4		242	110	234	106	245	111			
			H_682GH132N4		242	110	234	106	245	111			
			H_683GH71C4		102	46	94	43	105	48			
			H_683GH71D4		102	46	94	43	105	48			
			H_683GH71E4		106	48	98	44	109	49			
			H_683GH80F4		106	48	98	44	109	49			
H_683GH80G4	109	49	101	46	112	51							
H_683GH90H4	114	52	106	48	117	53							
H_683GH90I4	119	54	111	50	122	55							
H_683GH100J4	126	57	118	54	129	59							

* Weights are Approximate

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WEIGHTS - ILH 88

Unit Size		Input Configuration		Catalog Number		Output Configuration							
						Foot Mounted		Flange Mounted				Nema (Single Reduction)	
								B14		B5			
Weight (lbs) (L)	Weight (Kg) (L)	Weight (lbs) (L)	Weight (Kg) (L)	Weight (lbs) (L)	Weight (Kg) (L)	Weight (lbs) (L)	Weight (Kg) (L)	Weight (lbs) (L)	Weight (Kg) (L)				
88	Clamp Collar	H_881CN140TC	H_881CI90D	74	34	66	30	85	39	84	38		
		H_881CN180TC	H_881CI100D	79	36	72	33	91	41	90	41		
		--	H_881CI112D	81	37	73	33	92	42	91	41		
		H_881CN210TC	H_881CI132D	94	43	87	39	106	48	105	48		
		H_881CN250TC	H_881CI160D	119	54	112	51	131	59	130	59		
		H_882CN140TC	H_882CI90D	161	73	153	69	172	78				
		H_882CN180TC	H_882CI100D	172	78	157	71	176	80				
		--	H_882CI112D	175	79	160	73	179	81				
		H_882CN210TC	H_882CI132D	188	85	174	79	193	88				
		H_882CN250TC	H_882CI160D	222	101	208	94	227	103				
		H_883CN56C	H_883CI71D	164	74	151	68	170	77			--	
		--	H_883CI80D	170	77	155	70	174	79				
		H_883CN140TC	H_883CI90D	170	77	155	70	174	79				
		H_883CN180TC	H_883CI100D	174	79	159	72	178	81				
		--	H_883CI112D	177	80	162	73	181	82				
	H_883CN210TC	H_883CI132D	190	86	176	80	195	88					
	H_881LN140TC	H_881LI90D	90	41	83	38	102	46	101			46	
	H_881LN180TC	H_881LI100D	97	44	89	40	108	49	107			49	
	--	H_881LI112D	104	47	97	44	116	53	115			52	
	H_881LN210TC	H_881LI132D	112	51	105	48	124	56	123			56	
	H_881LN250TC	H_881LI160D	145	66	138	63	157	71	156	71			
	H_882LN140TC	H_882LI90D	166	75	163	74	182	83					
	H_882LN180TC	H_882LI100D	195	88	180	82	199	90					
	--	H_882LI112D	198	90	184	83	203	92					
	H_882LN210TC	H_882LI132D	217	98	202	92	221	100					
	H_882LN250TC	H_882LI160D	268	122	254	115	273	124					
	H_883LN56C	--	165	75	159	72	178	81			--		
	--	H_883LI80D	186	84	171	78	190	86					
	H_883LN140TC	H_883LI90D	186	84	171	78	190	86					
	H_883LN180TC	H_883LI100D	197	89	182	83	201	91					
	--	H_883LI112D	200	91	185	84	204	93					
	H_883LN210TC	H_883LI132D	219	99	204	93	223	101					
	H_881SI90	H_881SM90	81	37	74	34	93	42			92	42	
H_881SI100	H_881SM100	88	40	80	36	99	45	98			44		
H_881SI112	H_881SM112	95	43	88	40	107	49	106			48		
H_881SI132	H_881SM132	114	52	106	48	125	57	124			56		
H_881SI160	H_881SM160	139	63	132	60	151	68	150	68				
H_882SI90	H_882SM90	189	86	176	80	195	88						
H_882SI100	H_882SM100	196	89	182	83	201	91						

* Weights are Approximate

(L) - See Footnotes page on the inside back cover

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WEIGHTS - ILH 88 (Continued)

				Output Configuration									
				Foot Mounted		Flange Mounted						Nema (Single Reduction)	
						B14		B5					
Unit Size	Input Configuration	Catalog Number		Weight	Weight	Weight	Weight	Weight	Weight	Weight	Weight		
		NEMA	IEC	(lbs) (L)	(Kg) (L)	(lbs) (L)	(Kg) (L)	(lbs) (L)	(Kg) (L)	(lbs) (L)	(Kg) (L)		
88	Separate Group (Inch / Metric) (Continued)	H_882SI112	H_882SM112	200	91	185	84	204	93	--			
		H_882SI132	H_882SM132	221	100	207	94	226	102				
		H_882SI160	H_882SM160	244	111	229	104	248	112				
		H_883SI71	H_883SM71	182	83	167	76	186	84				
		H_883SI80	H_883SM80	189	86	175	79	194	88				
		H_883SI90	H_883SM90	190	86	175	79	194	88				
		H_883SI100	H_883SM100	198	90	184	83	203	92				
		H_883SI112	H_883SM112	202	92	187	85	206	93				
	H_883SI132	H_883SM132	225	102	211	96	230	104					
	Integral Gearmotor (HP)	--	H_881GH90H4	--	90	41	82	37	101	46	100	45	
			H_882GH90I4		95	43	87	39	106	48	105	48	
			H_882GH100J4		104	47	96	44	115	52	114	52	
			H_882GH112L4		131	59	123	56	142	64	141	64	
			H_882GH132M4		161	73	153	69	172	78	171	78	
			H_882GH132N4		172	78	164	74	183	83	182	83	
			H_882GH160P4		243	110	235	107	254	115	253	115	
			H_882GH160Q4		271	123	263	119	282	128	281	127	
			H_882GH90H4		184	83	169	77	188	85	--		
			H_882GH90I4		189	86	174	79	193	88			
			H_882GH100J4		196	89	181	82	200	91			
			H_882GH112L4		218	99	203	92	222	101			
			H_882GH132M4		284	129	269	122	288	131			
			H_882GH132N4		315	143	300	136	319	145			
			H_882GH160P4		396	180	381	173	400	181			
			H_882GH160Q4		454	206	439	199	458	208			
			H_883GH71C4		174	79	159	72	178	81			
			H_883GH71D4		174	79	159	72	178	81			
			H_883GH71E4		178	81	163	74	182	83			
H_883GH80F4			178		81	163	74	182	83				
H_883GH80G4	181	82	166	75	185	84							
H_883GH90H4	186	84	171	78	190	86							
H_883GH90I4	191	87	176	80	195	88							
H_883GH100J4	198	90	183	83	202	92							
H_883GH112L4	220	100	205	93	224	102							
H_883GH132M4	286	130	271	123	290	132							

* Weights are Approximate

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WEIGHTS - ILH 108

				Output Configuration					
				Foot Mounted		Flange Mounted			
						B14		B5	
Unit Size	Input Configuration	Catalog Number		Weight (lbs) (L)	Weight (Kg) (L)	Weight (lbs) (L)	Weight (Kg) (L)	Weight (lbs) (L)	Weight (Kg) (L)
		NEMA	IEC						
108	Clamp Collar	--	H_1082CI112D	278	126	256	116	294	133
		H_1082CN210TC	H_1082CI132D	289	131	267	121	305	138
		H_1082CN250TC	H_1082CI160D	310	141	289	131	327	148
		H_1082CN280TC	H_1082CI180D	330	150	309	140	347	157
		--	H_1082CI200D	333	151	311	141	349	158
		--	H_1083CI80D	277	126	256	116	294	133
		H_1083CN140TC	H_1083CI90D	277	126	256	116	294	133
		H_1083CN180TC	H_1083CI100D	282	128	260	118	298	135
		--	H_1083CI112D	285	129	264	120	302	137
		H_1083CN210TC	H_1083CI132D	300	136	278	126	316	143
	H_1083CN250TC	H_1083CI160D	326	148	304	138	342	155	
	3 Pc Coupled	--	H_1082LI112D	301	137	280	127	318	144
		H_1082LN210TC	H_1082LI132D	318	144	296	134	334	151
		H_1082LN250TC	H_1082LI160D	364	165	343	156	381	173
		H_1082LN280TC	H_1082LI180D	414	188	392	178	430	195
		--	H_1082LI200D	427	194	405	184	443	201
		--	H_1083LI80D	294	133	272	123	310	141
		H_1083LN140TC	H_1083LI90D	294	133	272	123	310	141
		H_1083LN180TC	H_1083LI100D	305	138	283	128	321	146
		--	H_1083LI112D	309	140	289	131	327	148
		H_1083LN210TC	H_1083LI132D	329	149	307	139	345	156
	H_1083LN250TC	H_1083LI160D	380	172	358	162	396	180	
	Separate Group (Inch / Metric)	H_1082SI112	H_1082SM112	289	131	268	122	306	139
		H_1082SI132	H_1082SM132	309	140	287	130	325	147
		H_1082SI160	H_1082SM160	331	150	309	140	347	157
		H_1082SI180	H_1082SM180	356	161	335	152	373	169
		H_1083SI80	H_1083SM80	284	129	262	119	300	136
		H_1083SI90	H_1083SM90	284	129	263	119	301	137
		H_1083SI100	H_1083SM100	293	133	271	123	309	140
		H_1083SI112	H_1083SM112	297	135	275	125	313	142
		H_1083SI132	H_1083SM132	320	145	298	135	336	152
	H_1083SI160	H_1083SM160	346	157	320	145	358	162	
	Integral Gearmotor (HP)	H_1082GH112L4	--	320	145	299	136	337	153
		H_1082GH132M4	--	384	174	363	165	401	182
		H_1082GH132N4	--	415	188	394	179	432	196
		H_1082GH160P4	--	492	223	470	213	508	230
		H_1082GH160Q4	--	549	249	528	239	566	257
		H_1082GH180R4	--	606	275	584	265	622	282
		H_1082GH180S4	--	628	285	606	275	644	292
		H_1082GH200T4	--	733	332	712	323	750	340
		H_1083GH80G4	--	288	131	267	121	305	138
	H_1083GH90H4	--	293	133	272	123	310	141	

* Weights are Approximate

(L) - See Footnotes page on the inside back cover

NOMENCLATURE PAGE ILH-4	SELECTION GEARMOTOR PAGE ILH-78	DIMENSIONS PAGE ILH-270	THERMAL RATINGS PAGE-ILH-335
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WEIGHTS - ILH 108 (Continued)

Unit Size	Input Configuration	Catalog Number		Output Configuration					
				Foot Mounted		Flange Mounted			
				Weight (lbs) (L)	Weight (Kg) (L)	B14		B5	
Weight (lbs) (L)	Weight (Kg) (L)	Weight (lbs) (L)	Weight (Kg) (L)						
108	Integral Gearmotor (HP) (Continued)	H_1083GH90I4	--	298	135	277	126	315	143
		H_1083GH100J4		305	138	284	129	322	146
		H_1083GH112L4		328	149	307	139	345	156
		H_1083GH132M4		395	179	374	170	412	187
		H_1083GH132N4		426	193	405	184	443	201
		H_1083GH160P4		508	230	486	220	524	238
		H_1083GH160Q4		565	256	544	247	582	264

* Weights are Approximate

(L) - See Footnotes page on the inside back cover

WEIGHTS - ILH 128

				Output Configuration					
				Foot Mounted		Flange Mounted			
						B14		B5	
Unit Size	Input Configuration	Catalog Number		Weight (lbs) (L)	Weight (Kg) (L)	Weight (lbs) (L)	Weight (Kg) (L)	Weight (lbs) (L)	Weight (Kg) (L)
		NEMA	IEC						
128	Clamp Collar	H_1282CN210TC	H_1282CI132D	448	203	398	180	435	197
		H_1282CN250TC	H_1282CI160D	479	217	430	195	467	212
		H_1282CN280TC	H_1282CI180D	487	221	438	199	475	215
		--	H_1282CI200D	490	222	440	200	477	216
		H_1282CN320TC	--	524	238	475	215	512	232
		H_1283CN140TC	H_1283CI90D	447	203	398	180	435	197
		H_1283CN180TC	H_1283CI100D	452	205	402	182	439	199
		--	H_1283CI112D	455	206	405	184	442	200
		H_1283CN210TC	H_1283CI132D	471	214	422	191	459	208
		H_1283CN250TC	H_1283CI160D	496	225	446	202	483	219
	H_1283CN280TC	H_1283CI180D	515	234	465	211	502	228	
	--	H_1283CI200D	517	234	468	212	505	229	
	3 Pc Coupled	H_1282LN210TC	H_1282LI132D	477	216	427	194	464	210
		H_1282LN250TC	H_1282LI160D	533	242	484	220	521	236
		H_1282LN280TC	H_1282LI180D	571	259	521	236	558	253
		--	H_1282LI200D	584	265	534	242	571	259
		H_1282LN320TC	H_1282LI225D	689	312	640	290	677	307
		H_1283LN140TC	H_1283LI90D	464	210	414	188	451	205
		H_1283LN180TC	H_1283LI100D	475	215	425	193	462	210
		--	H_1283LI112D	478	217	429	195	466	211
		H_1283LN210TC	H_1283LI132D	500	227	451	205	488	221
		H_1283LN250TC	H_1283LI160D	549	249	500	227	537	244
	H_1283LN280TC	H_1283LI180D	598	271	549	249	586	266	
	--	H_1283LI200D	611	277	562	255	599	272	
	Separate Group (Inch / Metric)	H_1282SI132	H_1282SM132	467	212	418	190	455	206
		H_1282SI160	H_1282SM160	500	227	450	204	487	221
		H_1282SI180	H_1282SM180	513	233	464	210	501	227
		H_1282SI225	H_1282SM225	576	261	527	239	564	256
		H_1283SI90	H_1283SM90	454	206	405	184	442	200
		H_1283SI100	H_1283SM100	463	210	414	188	451	205
		H_1283SI112	H_1283SM112	466	211	417	189	454	206
		H_1283SI132	H_1283SM132	491	223	442	200	479	217
		H_1283SI160	H_1283SM160	516	234	467	212	504	229
	H_1283SI180	H_1283SM180	541	245	491	223	528	239	
	Integral Gearmotor (HP)	H_1282GH132M4	--	543	246	494	224	531	241
		H_1282GH132N4	--	574	260	525	238	562	255
		H_1282GH160P4	--	660	299	612	278	649	294
		H_1282GH160Q4	--	718	326	669	303	706	320
		H_1282GH180R4	--	762	346	713	323	750	340
		H_1282GH180S4	--	785	356	735	333	772	350
		H_1282GH200T4	--	890	404	841	381	878	398
	H_1282GH225U4	--	1087	493	1038	471	1075	488	

* Weights are Approximate

(L) - See Footnotes page on the inside back cover

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WEIGHTS - ILH 128 (Continued)

Unit Size	Input Configuration	Catalog Number		Output Configuration					
				Foot Mounted		Flange Mounted			
				Weight (lbs) (L)	Weight (Kg) (L)	B14		B5	
Weight (lbs) (L)	Weight (Kg) (L)	Weight (lbs) (L)	Weight (Kg) (L)						
128	Integral Gearmotor (HP) (Continued)	H_1283GH90H4	--	463	210	414	188	451	205
		H_1283GH90I4		468	212	419	190	456	207
		H_1283GH100J4		475	215	426	193	463	210
		H_1283GH112L4		497	225	448	203	485	220
		H_1283GH132M4		567	257	518	235	555	252
		H_1283GH132N4		598	271	548	249	585	265
		H_1283GH160P4		677	307	628	285	665	302
		H_1283GH160Q4		735	333	686	311	723	328
		H_1283GH180R4		790	358	741	336	778	353
		H_1283GH180S4		812	368	763	346	800	363
		H_1283GH200T4		918	416	869	394	906	411

* Weights are Approximate
(L) - See Footnotes page on the inside back cover

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NOMENCLATURE PAGE ILH-4	SELECTION GEARMOTOR PAGE ILH-78	DIMENSIONS PAGE ILH-286	THERMAL RATINGS PAGE-ILH-335
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WEIGHTS - ILH 148

				Output Configuration					
				Foot Mounted		Flange Mounted			
						B14		B5	
Unit Size	Input Configuration	Catalog Number		Weight (lbs) (L)	Weight (Kg) (L)	Weight (lbs) (L)	Weight (Kg) (L)	Weight (lbs) (L)	Weight (Kg) (L)
		NEMA	IEC						
148	Clamp Collar	H_1482CN210TC	H_1482CI132D	646	293	595	270	656	298
		H_1482CN250TC	H_1482CI160D	666	302	615	279	676	307
		H_1482CN280TC	H_1482CI180D	684	310	633	287	694	315
		--	H_1482CI200D	687	312	635	288	696	316
		H_1482CN320TC	--	715	324	663	301	724	328
		H_1482CN360TC	--	765	347	713	323	774	351
		H_1483CN180TC	H_1483CI100D	654	297	602	273	663	301
		--	H_1483CI112D	655	297	604	274	665	302
		H_1483CN210TC	H_1483CI132D	670	304	619	281	680	308
		H_1483CN250TC	H_1483CI160D	693	314	641	291	702	318
		H_1483CN280TC	H_1483CI180D	711	322	660	299	721	327
		--	H_1483CI200D	714	324	662	300	723	328
	H_1483CN320TC	--	744	337	692	314	753	341	
	3 Pc Coupled	H_1482LN210TC	H_1482LI132D	675	306	623	283	684	310
		H_1482LN250TC	H_1482LI160D	720	327	668	303	729	331
		H_1482LN280TC	H_1482LI180D	768	348	716	325	777	352
		--	H_1482LI200D	781	354	729	331	790	358
		H_1482LN320TC	H_1482LI225D	879	399	828	376	889	403
		H_1482LN360TC	H_1482LI250D	958	434	906	411	967	439
		H_1483LN180TC	H_1483LI100D	676	307	625	283	686	311
		--	H_1483LI112D	679	308	627	284	688	312
		H_1483LN210TC	H_1483LI132D	699	317	647	293	708	321
		H_1483LN250TC	H_1483LI160D	747	339	695	315	756	343
		--	H_1483LI180D	795	361	743	337	804	365
		H_1483LN280TC	H_1483LI200D	808	366	756	343	817	371
	H_1483LN320TC	H_1483LI225D	909	412	857	389	918	416	
	Separate Group Inch / Metric	H_1482SI132	H_1482SM132	666	302	614	278	675	306
		H_1482SI160	H_1482SM160	687	312	635	288	696	316
		H_1482SI180	H_1482SM180	710	322	659	299	720	327
		H_1482SI225	H_1482SM225	766	347	715	324	776	352
		H_1482SI250	H_1482SM250	785	356	733	332	794	360
		H_1483SI100	H_1483SM100	665	302	613	278	674	306
		H_1483SI112	H_1483SM112	667	302	615	279	676	307
		H_1483SI132	H_1483SM132	690	313	638	289	699	317
		H_1483SI160	H_1483SM160	713	323	661	300	722	327
		H_1483SI180	H_1483SM180	738	335	686	311	747	339
		H_1483SI225	H_1483SM225	796	361	744	337	805	365
		Integral Gearmotor HP	H_1482GH132M4		741	336	690	313	751
	H_1482GH132N4		--	773	351	721	327	782	355
	H_1482GH160P4			848	385	797	361	858	389

* Weights are Approximate
(L) - See Footnotes page on the inside back cover

NOMENCLATURE PAGE ILH-4	SELECTION GEARMOTOR PAGE ILH-78	DIMENSIONS PAGE ILH-302	THERMAL RATINGS PAGE-ILH-335
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WEIGHTS - ILH 148 (Continued)

Unit Size	Input Configuration	Catalog Number		Output Configuration					
				Foot Mounted		Flange Mounted			
				Weight (lbs) (L)	Weight (Kg) (L)	B14		B5	
Weight (lbs) (L)	Weight (Kg) (L)	Weight (lbs) (L)	Weight (Kg) (L)						
148	Integral Gearmotor HP (Continued)	H_1482GH160Q4	--	905	410	854	387	915	415
		H_1482GH180R4		960	435	908	412	969	439
		H_1482GH180S4		982	445	930	422	991	449
		H_1482GH200T4		1088	493	1036	470	1097	498
		H_1482GH225U4		1277	579	1226	556	1287	584
		H_1483GH100J4		677	307	625	283	686	311
		H_1483GH112L4		698	317	647	293	708	321
		H_1483GH132M4		766	347	714	324	775	351
		H_1483GH132N4		796	361	745	338	806	366
		H_1483GH160P4		875	397	823	373	884	401
		H_1483GH160Q4		932	423	880	399	941	427
		H_1483GH180R4		987	448	935	424	996	452
		H_1483GH180S4		1009	458	957	434	1018	462
		H_1483GH200T4		1115	506	1063	482	1124	510
H_1483GH225U4	1307	593	1255	569	1316	597			

* Weights are Approximate
 (L) - See Footnotes page on the inside back cover

NOMENCLATURE PAGE ILH-4	SELECTION GEARMOTOR PAGE ILH-78	DIMENSIONS PAGE ILH-302	THERMAL RATINGS PAGE-ILH-335
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WEIGHTS - ILH 168

				Output Configuration						
				Foot Mounted		Flange Mounted				
						B14		B5		
Unit Size	Input Configuration	Catalog Number		Weight (lbs) (L)	Weight (Kg) (L)	Weight (lbs) (L)	Weight (Kg) (L)	Weight (lbs) (L)	Weight (Kg) (L)	
		NEMA	IEC							
168	Clamp Collar	H_1682CN210TC	H_1682CI132D	1011	459	916	415	984	446	
		H_1682CN250TC	H_1682CI160D	1030	467	935	424	1003	455	
		H_1682CN280TC	H_1682CI180D	1048	475	952	432	1020	463	
		--	H_1682CI200D	1050	476	955	433	1023	464	
		H_1682CN320TC	--	1077	488	982	445	1050	476	
		H_1682CN360TC	--	1127	511	1031	468	1099	498	
		H_1683CN210TC	H_1683CI132D	1050	476	954	433	1022	463	
		H_1683CN250TC	H_1683CI160D	1071	486	976	443	1044	473	
		H_1683CN280TC	H_1683CI180D	1090	494	994	451	1062	482	
		--	H_1683CI200D	1092	495	997	452	1065	483	
		H_1683CN320TC	--	1121	508	1026	465	1094	496	
		H_1683CN360TC	--	1172	532	1077	488	1145	519	
		3 Pc Coupled	H_1682LN210TC	H_1682LI132D	1040	472	944	428	1012	459
			H_1682LN250TC	H_1682LI160D	1084	492	989	449	1057	479
	H_1682LN280TC		H_1682LI180D	1131	513	1036	470	1104	501	
	--		H_1682LI200D	1145	519	1049	476	1117	507	
	H_1682LN320TC		H_1682LI225D	1242	563	1147	520	1215	551	
	H_1682LN360TC		H_1682LI250D	1320	599	1225	556	1293	586	
	H_1683LN210TC		H_1683LI132D	1078	489	983	446	1051	477	
	H_1683LN250TC		H_1683LI160D	1125	510	1030	467	1098	498	
	H_1683LN280TC		H_1683LI180D	1173	532	1078	489	1146	520	
	--		H_1683LI200D	1186	538	1091	495	1159	526	
	H_1683LN320TC		H_1683LI225D	1286	583	1191	540	1259	571	
	H_1683LN360TC		H_1683LI250D	1366	620	1270	576	1338	607	
	Separate Group (Inch / Metric)		H_1682SI132	H_1682SM132	1031	468	935	424	1003	455
			H_1682SI160	H_1682SM160	1050	476	955	433	1023	464
		H_1682SI180	H_1682SM180	1074	487	979	444	1047	475	
		H_1682SI225	H_1682SM225	1129	512	1034	469	1102	500	
		H_1682SI250	H_1682SM250	1147	520	1052	477	1120	508	
		H_1683SI132	H_1683SM132	1069	485	974	442	1042	473	
		H_1683SI160	H_1683SM160	1091	495	996	452	1064	483	
		H_1683SI180	H_1683SM180	1116	506	1020	463	1088	493	
		H_1683SI225	H_1683SM225	1173	532	1078	489	1146	520	
		H_1683SI250	H_1683SM250	1193	541	1097	498	1165	528	
	Integral Gearmotor (HP)	H_1682GH132M4	--	1106	502	1011	459	1079	489	
		H_1682GH132N4	--	1137	516	1042	473	1110	503	
		H_1682GH160P4	--	1212	550	1116	506	1184	537	
		H_1682GH160Q4	--	1269	576	1174	532	1242	563	
		H_1682GH180R4	--	1323	600	1228	557	1296	588	
		H_1682GH180S4	--	1345	610	1250	567	1318	598	

* Weights are Approximate
(L) - See Footnotes page on the inside back cover

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WEIGHTS - ILH 168 (Continued)

Unit Size	Input Configuration	Catalog Number		Output Configuration					
				Foot Mounted		Flange Mounted			
				Weight (lbs) (L)	Weight (Kg) (L)	B14		B5	
Weight (lbs) (L)	Weight (Kg) (L)	Weight (lbs) (L)	Weight (Kg) (L)						
168	Integral Gearmotor (HP) (Continued)	H_1682GH200T4	--	1451	658	1356	615	1424	646
		H_1682GH225U4		1640	744	1545	701	1613	732
		H_1683GH132M4		1145	519	1050	476	1118	507
		H_1683GH132N4		1176	533	1080	490	1148	521
		H_1683GH160P4		1253	568	1157	525	1225	556
		H_1683GH160Q4		1310	594	1215	551	1283	582
		H_1683GH180R4		1365	619	1269	576	1337	606
		H_1683GH180S4		1387	629	1291	585	1359	616
		H_1683GH200T4		1493	677	1397	634	1465	664
	H_1683GH225U4	1684	764	1589	721	1657	751		

* Weights are Approximate

(L) - See Footnotes page on the inside back cover

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