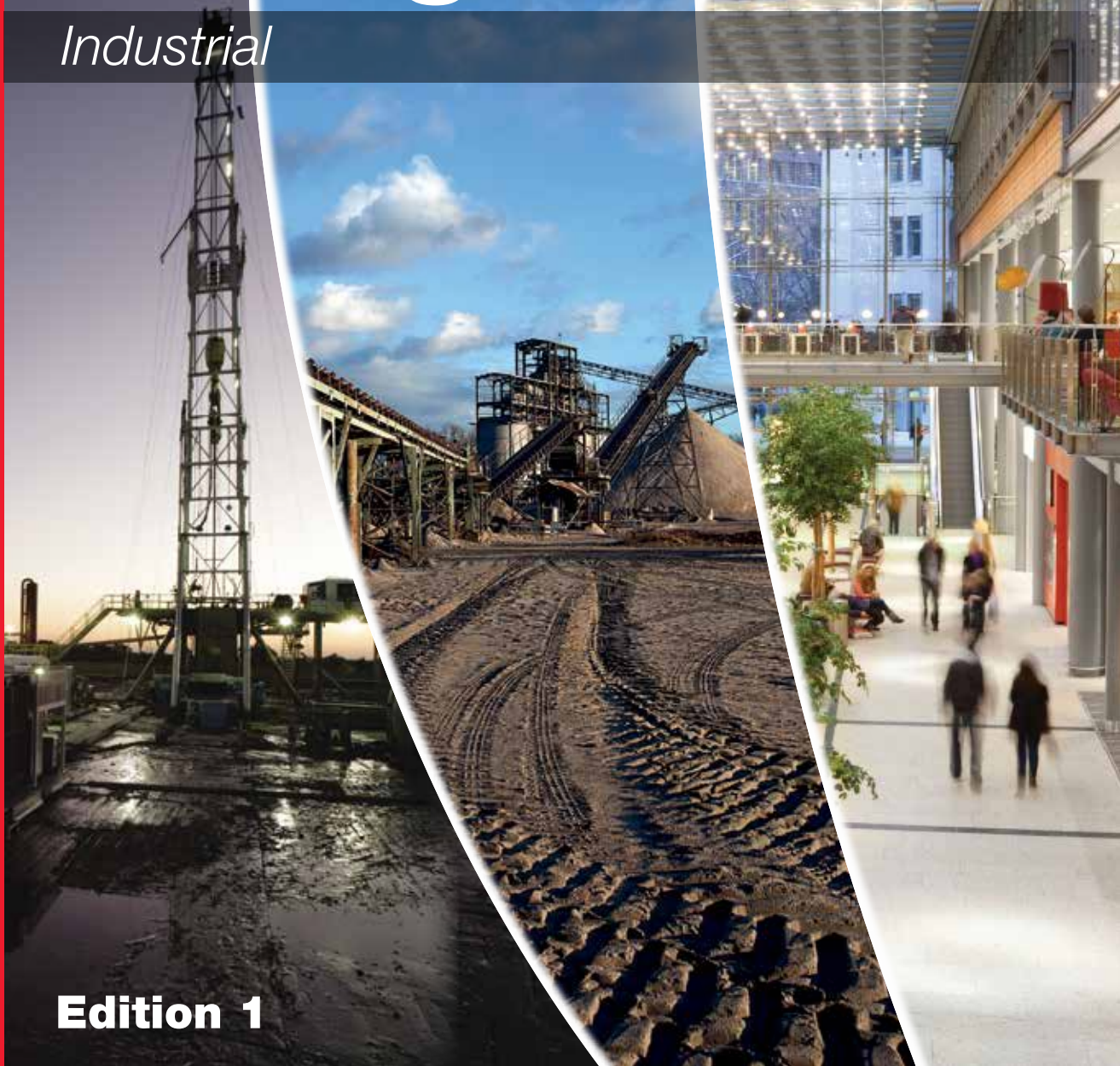


STAMFORD®

STAMFORD® Alternator Ratings Book

Industrial



Edition 1



Introduction



Rating Definitions

All ratings are based on Rise by Resistance measurement method. Ratings based on Embedded Temperature Device (ETD) measurement may be provided under application to Cummins Generator Technologies.

Thermal Insulation Class

Insulation class governs the maximum permissible temperature an alternator can operate without damaging the insulation system. Cummins Generator Technologies use Class H & Class F.

Insulation Class	Maximum Permissible Temperature
Class F	155 °C
Class H	180 °C

Temperature Rise

Temperature rise is the increase in temperature above ambient temperature 40 °C.

Temperature Rise	Temperature °C
Class B	80 °C
Class F	105 °C
Class H	125 °C

Standby application allows windings to run hotter than the Class H temperature rise limit, therefore for an ambient of 40 °C temperature rise 150 °C
27 °C temperature rise 163 °C

Generator Set Ratings

The tables below summarises the definitions according to ISO8528-1 for the generator set and a combination of ISO8528-3 and IEC60034-1 for the alternator.

Genset Rating (ISO8528-1)	Emergency Standby Power (ESP)	Limited Time Prime (LTP)	Prime Rated Power (PRP)	Continuous Operating Power (COP)
Load type	Variable	Constant	Variable	Constant
Annual operating hours	200	500	Unlimited	Unlimited
Average load	70%	100%	70%	100%
Overload	No	No	10% (1 hour in every 12 Hrs)	No
Alternator Rating (NEMA MG1-32)	Standby	Standby	Continuous	Continuous
Duty Cycle (IEC 60034-1)	S10	S10	S1	S1
Alternator Ratings	Standby 150/40 Standby 163/27	Standby 150/40 Standby 163/27	Class H 125/40 Class F 105/40 Class B 80/40	Class H 125/40 Class F 105/40 Class B 80/40



Introduction



Derates

Ambient Temperature

If the ambient (alternator air inlet temperature) exceeds 40 °C then the alternator output rating must be reduced using the following tables.

STAMFORD S0 to P7

Temperature °C	Multiplying Factor
45	0.97
50	0.94
55	0.91
60	0.88

STAMFORD P80

Utilisation	Class H	Class F	Class B
Temperature °C	Multiplying Factor	Multiplying Factor	Multiplying Factor
45	0.97	0.97	0.96
50	0.94	0.93	0.91
55	0.91	0.90	0.87
60	0.88	0.86	0.82

For ambient temperatures above 60 °C please consult applications engineering.

Altitude (Low Voltage ≤ 690V)

All ratings are based on altitude up to 1000 metres above sea level. If the altitude exceeds 1000m then the alternator output ratings must be derated using the following table.

Altitude above sea level in metres	Multiplying Factor
1500	0.97
2000	0.94
2500	0.91
3000	0.88
3500	0.85
4000	0.82

Please consult applications engineering department for

1. High Voltages (>690V)
2. Altitudes above 4000m



Introduction



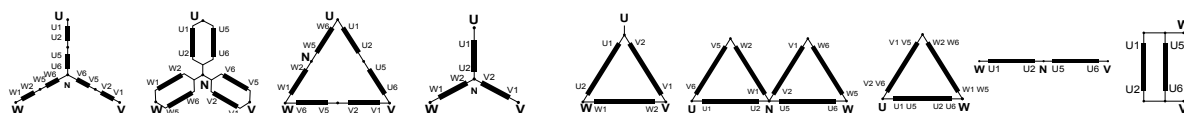
Winding Configurations and Winding Numbers

NOTICE

Additional parts may be required to achieve reconnections

CAUTIONMisconnections can result in permanent machine damage.
Refer to machine wiring diagram for specific details

Windings for STAMFORD alternators may be selected to give voltages at different connections as this table.



	WINDING NUMBER (3-PHASE)	EXIT LEADS	SERIES STAR (3-PHASE)	PARALLEL STAR (3-PHASE)	SERIES DELTA (3-PHASE)	STAR (3-PHASE)	DELTA (3-PHASE)	DOUBLE DELTA (1-PHASE)	PARALLEL DELTA (1-PHASE)	SERIES (1-PHASE)	PARALLEL (1-PHASE)
50Hz	5	4								220-240	110-120
	25	12	660-690	330-345	380-400						
	26	6				660-690	380-400				
	311	12	380-440	190-220	220-254			220-240	110-120		
	312	6				380-440	220-254				
	51	6				3300					
	61	6				6300-6600					
	71	6				6000					
	81	6				10000					
	83	6				10500 - 11000					
60Hz	6	4								220-240	110-120
	7	6				600	346				
	13	6				380-416	220-240				
	14	12	380-416	190-208	220-240						
	17	12	600	300	346						
	27	12	660-690	330-345	380-400						
	28	6				660-690	380-400				
	311	12	416-480	208-240	240-277			220-240	110-120		
	312	6				416-480	240-277				
	51	6				4160					
	71	6				7200					
	81	6				11400					
	87	6				12470					
	91	6				12470 - 13800					



Introduction



Useful Formulas

TO OBTAIN	Single Phase AC power	Three Phase AC power
kilowatts electrical (kW)	$\frac{\text{Volts} \times \text{Amps} \times PF}{1000}$	$\frac{\text{Volts} \times \text{Amps} \times PF \times \sqrt{3}}{1000}$
kilowatts electrical (kW)	$kVA \times PF$	$kVA \times PF$
kilowatts mechanical (kWm)	$\frac{kVA \times PF}{\text{Alternator Efficiency}}$	$\frac{kVA \times PF}{\text{Alternator Efficiency}}$
kVA	$\frac{\text{Volts} \times \text{Amps}}{1000}$	$\frac{\text{Volts} \times \text{Amps} \times \sqrt{3}}{1000}$
Amps	$\frac{kVA \times 1000}{\text{Volts}}$	$\frac{kVA \times 1000}{\text{Volts} \times \sqrt{3}}$
Speed (rpm)	$\frac{120 \times \text{Frequency}}{\# \text{ Poles}}$	$\frac{120 \times \text{Frequency}}{\# \text{ Poles}}$
Reactive Power (kVAr)	$\frac{\text{Volts} \times \text{Amps} \times \sin\phi}{1000}$	$\frac{\text{Volts} \times \text{Amps} \times \sqrt{3} \times \sin\phi}{1000}$
% Voltage regulation (for Steady- Loads, from No-Load to Full-Load)	$\frac{V_{NL} - V_{FL}}{V_{FL}} \times 100$	$\frac{V_{NL} - V_{FL}}{V_{FL}} \times 100$
Horsepower required to drive alternator	$\frac{kW}{0.746 \times \text{Alternator Efficiency}}$	$\frac{kW}{0.746 \times \text{Alternator Efficiency}}$
First cycle RMS short circuit current ($\pm 10\%$)	$\frac{\text{Rated Amperes}}{puX''d}$	$\frac{\text{Rated Amperes}}{puX''d}$

- “PF” refers to power factor, which is expressed as a decimal fraction. For example, 80% power factor = 0.8 for the purposes of calculations.
- “Sin ϕ ” refers to power factor, where “ ϕ ” = PF. For example, 80% power factor = 0.8, therefore “Sin ϕ ” = “Sin(0.8)”
- # Poles refers to number of Poles
- “Volts” refers to line-to-line voltage.
- “Amps” refers to line current in amperes.
- “pu” refers to per unit



Table of Contents



2 POLE Single Phase

Page

50Hz 3000rpm

220V-240V Dedicated 0.8 pf

Page 9

220V-240V Dedicated 1.0 pf

Page 9

220V-240V Reconnectable 0.8 pf

Page 10

60Hz 3600rpm

220V-240V Dedicated 0.8 pf

Page 10

220V-240V Dedicated 1.0 pf

Page 11

220V Reconnectable 0.8 pf

Page 11

230V Reconnectable 0.8 pf

Page 12

240V Reconnectable 0.8 pf

Page 12



2 POLE Three Phase

Pages

50Hz 3000rpm

380V-415V

Page 13

440V

Page 13

60Hz 3600rpm

380V

Page 14

416V

Page 14

440V- 480V

Page 15



4 POLE Single Phase

Pages

50Hz 1500rpm

220V Dedicated 0.8 pf

Page 16

220V Dedicated 1.0 pf

Page 16

230V Dedicated 0.8 pf

Page 17

230V Dedicated 1.0 pf

Page 18

240V Dedicated 0.8 pf

Page 19

240V Dedicated 1.0 pf

Page 19

220V-240V Reconnectable 0.8 pf

Page 20



Table of Contents



4 POLE Single Phase (Continued)

Pages

60Hz 1800rpm

220V Dedicated 0.8 pf	Page 21
220V Dedicated 1.0 pf	Page 22
230V Dedicated 0.8 pf	Page 23
230V Dedicated 1.0 pf	Page 24
240V Dedicated 0.8 pf	Page 25
240V Dedicated 1.0 pf	Page 26
220V Reconnectable 0.8 pf	Page 27
230V Reconnectable 0.8 pf	Page 28
240V Reconnectable 0.8 pf	Page 29



4 POLE Three Phase

Pages

50Hz 1500rpm

380V	Page 30-31
400V	Page 32-33
415V	Page 34-35
440V	Page 36-37
660V-690V	Page 38

60Hz 1800rpm

380V	Page 39-40
416V	Page 41-42
440V	Page 43-44
460V	Page 45-46
480V	Page 47-48
600V	Page 49-50
660V-690V	Page 51



6 POLE Three Phase

Pages

50Hz 1000rpm

380V-415V 50Hz	Page 52
----------------	---------

60Hz 1200rpm

380V	Page 52
416V	Page 53
440V-480V	Page 53
600V	Page 54



Table of Contents

Medium Voltage

Pages

50Hz 1500rpm

3300V

Page 55

60Hz 1800rpm

4160V

Page 55

High Voltage

Pages

50Hz 1500rpm

6000V

Page 56

6300V

Page 56

6600V

Page 56

10000V

Page 56

10500V

Page 56

11000V

Page 56

60Hz 1800rpm

7200V

Page 57

11400V

Page 57

12470V

Page 57

7200V

Page 57

11400V

Page 57

12470V

Page 57

13200V

Page 57

13800V

Page 57

2 POLE Single Phase

**Dedicated**

Series 220V - 240V **50Hz/3000rpm**
Parallel 110V - 120V **0.8 Power Factor**

Winding 05	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI042D	10.0	8.0	9.1	7.3	8.4	6.7	7.5	6.0	6.7	5.4
PI042E	12.0	9.6	10.9	8.7	10.1	8.1	9.0	7.2	8.1	6.5
PI042F	13.9	11.1	12.6	10.1	11.7	9.4	10.6	8.5	9.4	7.5
PI042G	15.9	12.7	14.5	11.6	13.4	10.7	12.0	9.6	10.7	8.6
PI142D	20.0	16.0	18.1	14.5	16.8	13.4	15.0	12.0	13.4	10.7
PI142E	21.9	17.5	19.9	15.9	18.4	14.7	16.6	13.3	14.7	11.8
PI142F	25.4	20.3	23.1	18.5	21.4	17.1	19.3	15.4	17.1	13.7
PI142G	29.8	23.8	27.1	21.7	25.1	20.1	22.5	18.0	20.1	16.1
PI142H	31.8	25.4	28.9	23.1	26.8	21.4	24.0	19.2	21.4	17.1
PI142J	35.9	28.7	32.6	26.1	30.2	24.2	27.2	21.8	24.2	19.4

Dedicated

Series 220V - 240V **50Hz/3000rpm**
Parallel 110V - 120V **1.0 Power Factor**

Winding 05	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI042D	10.0	10.0	9.1	9.1	8.4	8.4	7.5	7.5	6.7	6.7
PI042E	12.0	12.0	10.9	10.9	10.1	10.1	9.0	9.0	8.1	8.1
PI042F	13.9	13.9	12.6	12.6	11.7	11.7	10.6	10.6	9.4	9.4
PI042G	15.9	15.9	14.5	14.5	13.4	13.4	12.0	12.0	10.7	10.7
PI142D	20.0	20.0	18.1	18.1	16.8	16.8	15.0	15.0	13.4	13.4
PI142E	21.9	21.9	19.9	19.9	18.4	18.4	16.6	16.6	14.7	14.7
PI142F	25.4	25.4	23.1	23.1	21.4	21.4	19.3	19.3	17.1	17.1
PI142G	29.8	29.8	27.1	27.1	25.1	25.1	22.5	22.5	20.1	20.1
PI142H	31.8	31.8	28.9	28.9	26.8	26.8	24.0	24.0	21.4	21.4
PI142J	35.9	35.9	32.6	32.6	30.2	30.2	27.2	27.2	24.2	24.2

2 POLE Single Phase



Reconnectable Double Delta 220V - 240V 50Hz/3000rpm
0.8 Power Factor

Winding 311	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI042D	8.3	6.6	8.1	6.5	7.5	6.0	7.0	5.6	6.0	4.8
PI042E	9.9	7.9	9.7	7.8	9.0	7.2	8.3	6.6	7.2	5.8
PI042F	11.6	9.3	11.3	9.0	10.5	8.4	9.6	7.7	8.4	6.7
PI042G	13.2	10.6	13.0	10.4	12.0	9.6	10.8	8.6	9.6	7.7
PI142D	16.5	13.2	16.2	13.0	15.0	12.0	13.8	11.0	12.0	9.6
PI142E	18.2	14.6	17.8	14.2	16.5	13.2	15.0	12.0	13.2	10.6
PI142F	21.1	16.9	20.7	16.6	19.2	15.4	17.6	14.1	15.4	12.3
PI142G	24.8	19.8	24.3	19.4	22.5	18.0	20.7	16.6	18.0	14.4
PI142H	26.4	21.1	25.9	20.7	24.0	19.2	21.6	17.3	19.2	15.4
PI142J	29.7	23.8	29.2	23.4	27.0	21.6	24.3	19.4	21.6	17.3

Dedicated Series 220V - 240V 60Hz/3600rpm
Parallel 110V - 120V 0.8 Power Factor

Winding 06	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI042D	10.3	8.2	10.1	8.1	9.4	7.5	8.4	6.7	7.5	6.0
PI042E	12.4	9.9	12.2	9.8	11.3	9.0	10.2	8.2	9.0	7.2
PI042F	14.2	11.4	14.0	11.2	12.9	10.3	11.6	9.3	10.3	8.2
PI042G	16.5	13.2	16.2	13.0	15.0	12.0	13.5	10.8	12.0	9.6
PI142D	18.7	15.0	18.4	14.7	17.0	13.6	15.3	12.2	13.6	10.9
PI142E	23.2	18.6	22.8	18.2	21.1	16.9	19.0	15.2	16.9	13.5
PI142F	26.2	21.0	25.7	20.6	23.8	19.0	21.4	17.1	19.0	15.2
PI142G	29.9	23.9	29.4	23.5	27.2	21.8	24.5	19.6	21.8	17.4
PI142H	35.2	28.2	34.5	27.6	32.0	25.6	28.8	23.0	25.6	20.5
PI142J	37.4	29.9	36.7	29.4	34.0	27.2	30.6	24.5	27.2	21.8

2 POLE Single Phase

**Dedicated**

Series 220V - 240V **60Hz/3600rpm**
Parallel 110V - 120V **1.0 Power Factor**

Winding 06	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI042D	10.3	10.3	10.1	10.1	9.4	9.4	8.4	8.4	7.5	7.5
PI042E	12.4	12.4	12.2	12.2	11.3	11.3	10.2	10.2	9.0	9.0
PI042F	14.2	14.2	14.0	14.0	12.9	12.9	11.6	11.6	10.3	10.3
PI042G	16.5	16.5	16.2	16.2	15.0	15.0	13.5	13.5	12.0	12.0
PI142D	18.7	18.7	18.4	18.4	17.0	17.0	15.3	15.3	13.6	13.6
PI142E	23.2	23.2	22.8	22.8	21.1	21.1	19.0	19.0	16.9	16.9
PI142F	26.2	26.2	25.7	25.7	23.8	23.8	21.4	21.4	19.0	19.0
PI142G	29.9	29.9	29.4	29.4	27.2	27.2	24.5	24.5	21.8	21.8
PI142H	35.2	35.2	34.5	34.5	32.0	32.0	28.8	28.8	25.6	25.6
PI142J	37.4	37.4	36.7	36.7	34.0	34.0	30.6	30.6	27.2	27.2

Reconnectable**Double Delta 220V**

60Hz/3600rpm
0.8 Power Factor

Winding 311	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI042D	8.2	6.6	8.0	6.4	7.5	6.0	6.7	5.4	6.0	4.8
PI042E	9.9	7.9	9.7	7.8	9.0	7.2	8.1	6.5	7.2	5.8
PI042F	11.3	9.0	11.1	8.9	10.3	8.2	9.2	7.4	8.2	6.6
PI042G	13.1	10.5	12.8	10.2	11.9	9.5	10.7	8.6	9.5	7.6
PI142D	14.9	11.9	14.6	11.7	13.5	10.8	12.2	9.8	10.8	8.6
PI142E	18.4	14.7	18.1	14.5	16.7	13.4	15.1	12.1	13.4	10.7
PI142F	20.8	16.6	20.4	16.3	18.9	15.1	17.0	13.6	15.1	12.1
PI142G	23.8	19.0	23.3	18.6	21.6	17.3	19.4	15.5	17.3	13.8
PI142H	27.9	22.3	27.4	21.9	25.4	20.3	22.8	18.2	20.3	16.2
PI142J	29.7	23.8	29.2	23.4	27.0	21.6	24.3	19.4	21.6	17.3

2 POLE Single Phase



Reconnectable Double Delta 230V 60Hz/3600rpm
0.8 Power Factor

Winding 311	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI042D	8.7	7.0	8.5	6.8	7.9	6.3	7.1	5.7	6.3	5.0
PI042E	10.5	8.4	10.3	8.2	9.5	7.6	8.6	6.9	7.6	6.1
PI042F	12.0	9.6	11.7	9.4	10.9	8.7	9.8	7.8	8.7	7.0
PI042G	13.9	11.1	13.6	10.9	12.6	10.1	11.3	9.0	10.1	8.1
PI142D	15.7	12.6	15.5	12.4	14.3	11.4	12.9	10.3	11.4	9.1
PI142E	19.5	15.6	19.2	15.4	17.7	14.2	16.0	12.8	14.2	11.4
PI142F	22.0	17.6	21.6	17.3	20.0	16.0	18.0	14.4	16.0	12.8
PI142G	25.2	20.2	24.7	19.8	22.9	18.3	20.6	16.5	18.3	14.6
PI142H	29.6	23.7	29.1	23.3	26.9	21.5	24.2	19.4	21.5	17.2
PI142J	31.5	25.2	30.9	24.7	28.6	22.9	25.8	20.6	22.9	18.3

Reconnectable Double Delta 240V 60Hz/3600rpm
0.8 Power Factor

Winding 311	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI042D	9.0	7.2	8.8	7.0	8.2	6.6	7.4	5.9	6.6	5.3
PI042E	10.8	8.6	10.6	8.5	9.9	7.9	8.9	7.1	7.9	6.3
PI042F	12.4	9.9	12.2	9.8	11.3	9.0	10.2	8.2	9.0	7.2
PI042G	14.4	11.5	14.1	11.3	13.1	10.5	11.8	9.4	10.5	8.4
PI142D	16.3	13.0	16.0	12.8	14.8	11.8	13.4	10.7	11.8	9.4
PI142E	20.2	16.2	19.9	15.9	18.4	14.7	16.6	13.3	14.7	11.8
PI142F	22.9	18.3	22.4	17.9	20.8	16.6	18.7	15.0	16.6	13.3
PI142G	26.1	20.9	25.6	20.5	23.7	19.0	21.4	17.1	19.0	15.2
PI142H	30.7	24.6	30.1	24.1	27.9	22.3	25.1	20.1	22.3	17.8
PI142J	32.6	26.1	32.1	25.7	29.7	23.8	26.7	21.4	23.8	19.0



2 POLE 3 Phase



Star 380V-415V
Parallel Star 190V-208V
Delta 220V-240V

50Hz/3000rpm
0.8 Power Factor

Winding 311	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI042D	13.8	11.0	13.5	10.8	12.5	10.0	11.5	9.2	10.0	8.0
PI042E	16.5	13.2	16.2	13.0	15.0	12.0	13.5	10.8	12.0	9.6
PI042F	19.3	15.4	18.9	15.1	17.5	14.0	16.0	12.8	14.0	11.2
PI042G	22.0	17.6	21.6	17.3	20.0	16.0	18.0	14.4	16.0	12.8
PI142D	27.5	22.0	27.0	21.6	25.0	20.0	22.5	18.0	20.0	16.0
PI142E	30.3	24.2	29.7	23.8	27.5	22.0	25.0	20.0	22.0	17.6
PI142F	35.2	28.2	34.6	27.7	32.0	25.6	29.3	23.4	25.6	20.5
PI142G	41.3	33.0	40.5	32.4	37.5	30.0	34.5	27.6	30.0	24.0
PI142H	44.0	35.2	43.2	34.6	40.0	32.0	36.0	28.8	32.0	25.6
PI142J	49.5	39.6	48.6	38.9	45.0	36.0	40.5	32.4	36.0	28.8

Star 440V
Parallel Star 220V
Delta 254V

50Hz/3000rpm
0.8 Power Factor

Winding 311	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI042D	13.3	10.6	13.1	10.5	12.1	9.7	11.0	8.8	9.7	7.8
PI042E	16.1	12.9	15.8	12.6	14.6	11.7	13.3	10.6	11.7	9.4
PI042F	18.7	15.0	18.4	14.7	17.0	13.6	15.1	12.1	13.6	10.9
PI042G	21.3	17.0	21.0	16.8	19.4	15.5	17.5	14.0	15.5	12.4
PI142D	26.7	21.4	26.2	21.0	24.3	19.4	22.0	17.6	19.4	15.5
PI142E	29.4	23.5	28.8	23.0	26.7	21.4	24.0	19.2	21.4	17.1
PI142F	34.1	27.3	33.5	26.8	31.0	24.8	28.3	22.6	24.8	19.8
PI142G	40.0	32.0	39.3	31.4	36.4	29.1	33.0	26.4	29.1	23.3
PI142H	42.7	34.2	41.9	33.5	38.8	31.0	35.0	28.0	31.0	24.8
PI142J	48.1	38.5	47.2	37.8	43.7	35.0	39.3	31.4	35.0	28.0



2 POLE 3 Phase



Star 380V
Parallel Star 290V
Delta 220V

60Hz/3600rpm
0.8 Power Factor

Winding 311	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI042D	13.9	11.1	13.6	10.9	12.6	10.1	11.3	9.0	10.1	8.1
PI042E	16.7	13.4	16.4	13.1	15.2	12.2	13.6	10.9	12.2	9.8
PI042F	19.1	15.3	18.7	15.0	17.4	13.9	15.6	12.5	13.9	11.1
PI042G	22.1	17.7	21.7	17.4	20.1	16.1	18.1	14.5	16.1	12.9
PI142D	25.1	20.1	24.7	19.8	22.8	18.2	20.6	16.5	18.2	14.6
PI142E	31.1	24.9	30.6	24.5	28.3	22.6	25.5	20.4	22.6	18.1
PI142F	35.2	28.2	34.5	27.6	32.0	25.6	28.8	23.0	25.6	20.5
PI142G	40.2	32.2	39.5	31.6	36.5	29.2	32.9	26.3	29.2	23.4
PI142H	47.2	37.8	46.4	37.1	42.9	34.3	38.6	30.9	34.3	27.4
PI142J	50.2	40.2	49.3	39.4	45.7	36.6	41.1	32.9	36.6	29.3

Star 416V
Parallel Star 208V
Delta 240V

60Hz/3600rpm
0.8 Power Factor

Winding 311	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI042D	15.2	12.2	14.9	11.9	13.8	11.0	12.4	9.9	11.0	8.8
PI042E	18.3	14.6	17.9	14.3	16.6	13.3	14.9	11.9	13.3	10.6
PI042F	20.9	16.7	20.5	16.4	19.0	15.2	17.1	13.7	15.2	12.2
PI042G	24.2	19.4	23.8	19.0	22.0	17.6	19.8	15.8	17.6	14.1
PI142D	27.5	22.0	27.0	21.6	25.0	20.0	22.5	18.0	20.0	16.0
PI142E	34.1	27.3	33.5	26.8	31.0	24.8	27.9	22.3	24.8	19.8
PI142F	38.5	30.8	37.8	30.2	35.0	28.0	31.5	25.2	28.0	22.4
PI142G	44.0	35.2	43.2	34.6	40.0	32.0	36.0	28.8	32.0	25.6
PI142H	51.7	41.4	50.8	40.6	47.0	37.6	42.3	33.8	37.6	30.1
PI142J	55.0	44.0	54.0	43.2	50.0	40.0	45.0	36.0	40.0	32.0



2 POLE 3 Phase



Star 440V-480V
Parallel Star 220V-240V
Delta 254V-277V

60Hz/3600rpm
0.8 Power Factor

Winding 311	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI042D	15.2	12.2	14.9	11.9	13.8	11.0	12.4	9.9	11.0	8.8
PI042E	18.3	14.6	17.9	14.3	16.6	13.3	14.9	11.9	13.3	10.6
PI042F	20.9	16.7	20.5	16.4	19.0	15.2	17.1	13.7	15.2	12.2
PI042G	24.2	19.4	23.8	19.0	22.0	17.6	19.8	15.8	17.6	14.1
PI142D	27.5	22.0	27.0	21.6	25.0	20.0	22.5	18.0	20.0	16.0
PI142E	34.1	27.3	33.5	26.8	31.0	24.8	27.9	22.3	24.8	19.8
PI142F	38.5	30.8	37.8	30.2	35.0	28.0	31.5	25.2	28.0	22.4
PI142G	44.0	35.2	43.2	34.6	40.0	32.0	36.0	28.8	32.0	25.6
PI142H	51.7	41.4	50.8	40.6	47.0	37.6	42.3	33.8	37.6	30.1
PI142J	55.0	44.0	54.0	43.2	50.0	40.0	45.0	36.0	40.0	32.0



4 POLE Single Phase


Dedicated
Series 220V
Parallel 110V
50Hz/1500rpm
0.8 Power Factor

Winding 05	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI044D	5.5	4.4	5.4	4.3	5.0	4.0	4.6	3.7	4.0	3.2
PI044E	7.4	5.9	7.2	5.8	6.7	5.4	6.1	4.9	5.4	4.3
PI044F	9.2	7.4	9.0	7.2	8.4	6.7	7.6	6.1	6.7	5.4
PI044G	11.1	8.9	10.9	8.7	10.1	8.1	9.2	7.4	8.0	6.4
PI044H	12.9	10.3	12.7	10.2	11.7	9.4	10.7	8.6	9.4	7.5
PI144D	15.0	12.0	14.6	11.7	13.6	10.9	12.4	9.9	10.9	8.7
PI144E	18.7	15.0	18.3	14.6	17.0	13.6	15.5	12.4	13.6	10.9
PI144F	20.6	16.5	20.2	16.2	18.7	15.0	17.0	13.6	15.0	12.0
PI144G	22.5	18.0	22.0	17.6	20.4	16.3	18.7	15.0	16.3	13.0
PI144H	26.2	21.0	25.5	20.4	23.8	19.0	21.8	17.4	19.1	15.3
PI144J	30.6	24.5	30.0	24.0	27.2	21.8	24.9	19.9	21.8	17.4
PI144K	31.9	25.5	30.6	24.5	28.5	22.8	25.0	20.0	22.4	17.9

Dedicated
Series 220V
Parallel 110V
50Hz/1500rpm
1.0 Power Factor

Winding 05	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI044D	6.6	6.6	6.5	6.5	6.0	6.0	5.5	5.5	4.8	4.8
PI044E	8.9	8.9	8.6	8.6	8.0	8.0	7.3	7.3	6.5	6.5
PI044F	11.0	11.0	10.8	10.8	10.1	10.1	9.1	9.1	8.0	8.0
PI044G	13.3	13.3	13.1	13.1	12.1	12.1	11.0	11.0	9.6	9.6
PI044H	15.5	15.5	15.2	15.2	14.0	14.0	12.8	12.8	11.3	11.3
PI144D	16.2	16.2	15.8	15.8	14.7	14.7	13.4	13.4	11.8	11.8
PI144E	20.2	20.2	19.8	19.8	18.4	18.4	16.7	16.7	14.7	14.7
PI144F	22.2	22.2	21.8	21.8	20.2	20.2	18.4	18.4	16.2	16.2
PI144G	24.3	24.3	23.8	23.8	22.0	22.0	20.2	20.2	17.6	17.6
PI144H	28.3	28.3	27.5	27.5	25.7	25.7	23.5	23.5	20.6	20.6
PI144J	33.0	33.0	32.4	32.4	29.4	29.4	26.9	26.9	23.5	23.5
PI144K	34.5	34.5	33.0	33.0	30.8	30.8	27.0	27.0	24.2	24.2



4 POLE Single Phase


Dedicated
Series 230V
Parallel 115V
50Hz/1500rpm
0.8 Power Factor

Winding 05	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI044D	5.5	4.4	5.4	4.3	5.0	4.0	4.6	3.7	4.0	3.2
PI044E	7.4	5.9	7.2	5.8	6.7	5.4	6.1	4.9	5.4	4.3
S0L1-J 1	8.3	6.6	8.0	6.4	7.5	6.0	6.8	5.4	N/A	N/A
PI044F	9.2	7.4	9.0	7.2	8.4	6.7	7.6	6.1	6.7	5.4
S0L1-S 1	11.0	8.8	10.7	8.6	10.0	8.0	9.1	7.3	N/A	N/A
PI044G	11.1	8.9	10.9	8.7	10.1	8.1	9.2	7.4	8.0	6.4
PI044H	13.0	10.4	12.7	10.2	11.7	9.4	10.7	8.6	9.4	7.5
PI144D	15.0	12.0	14.6	11.7	13.6	10.9	12.4	9.9	10.9	8.7
S0L2-K 1, 2	16.5	13.2	16.0	12.8	15.0	12.0	13.7	11.0	N/A	N/A
PI144E	18.7	15.0	18.3	14.6	17.0	13.6	15.5	12.4	13.6	10.9
PI144F	20.6	16.5	20.2	16.2	18.7	15.0	17.0	13.6	15.0	12.0
S0L2-U 1, 2	22.0	17.6	21.3	17.0	20.0	16.0	18.2	14.6	N/A	N/A
PI144G	22.5	18.0	22.0	17.6	20.4	16.3	18.7	15.0	16.3	13.0
PI144H	26.2	21.0	25.5	20.4	23.8	19.0	21.8	17.4	19.1	15.3
S1L2-K 1, 2	27.5	22.0	26.7	21.4	25.0	20.0	22.8	18.2	N/A	N/A
PI144J	30.6	24.5	30.0	24.0	27.2	21.8	24.9	19.9	21.8	17.4
PI144K	31.9	25.5	30.6	24.5	28.5	22.8	25.0	20.0	22.4	17.9
S1L2-R 1, 2	33.0	26.4	32.0	25.6	30.0	24.0	27.3	21.8	N/A	N/A



4 POLE Single Phase


Dedicated
Series 230V
Parallel 115V
50Hz/1500rpm
1.0 Power Factor

Winding 05	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI044D	6.6	6.6	6.5	6.5	6.0	6.0	5.5	5.5	4.8	4.8
PI044E	8.9	8.9	8.6	8.6	8.0	8.0	7.3	7.3	6.5	6.5
S0L1-J 1	8.9	8.9	8.6	8.6	8.1	8.1	7.4	7.4	N/A	N/A
PI044F	11.0	11.0	10.8	10.8	10.1	10.1	9.1	9.1	8.0	8.0
S0L1-S 1	11.9	11.9	11.6	11.6	10.8	10.8	9.8	9.8	N/A	N/A
PI044G	13.3	13.3	13.1	13.1	12.1	12.1	11.0	11.0	9.6	9.6
PI044H	15.5	15.5	15.2	15.2	14.0	14.0	12.8	12.8	11.3	11.3
PI144D	16.2	16.2	15.8	15.8	14.7	14.7	13.4	13.4	11.8	11.8
S0L2-K 1, 2	17.8	17.8	17.3	17.3	16.2	16.2	14.7	14.7	N/A	N/A
PI144E	20.2	20.2	19.8	19.8	18.4	18.4	16.7	16.7	14.7	14.7
PI144F	22.2	22.2	21.8	21.8	20.2	20.2	18.4	18.4	16.2	16.2
S0L2-U 1, 2	23.8	23.8	23.0	23.0	21.6	21.6	19.7	19.7	N/A	N/A
PI144G	24.3	24.3	23.8	23.8	22.0	22.0	20.2	20.2	17.6	17.6
PI144H	28.3	28.3	27.5	27.5	25.7	25.7	23.5	23.5	20.6	20.6
S1L2-K 1, 2	29.7	29.7	28.8	28.8	27.0	27.0	24.6	24.6	N/A	N/A
PI144J	33.0	33.0	32.4	32.4	29.4	29.4	26.9	26.9	23.5	23.5
PI144K	34.5	34.5	33.0	33.0	30.8	30.8	27.0	27.0	24.2	24.2
S1L2-R 1, 2	35.6	35.6	34.6	34.6	32.4	32.4	29.5	29.5	N/A	N/A



4 POLE Single Phase


Dedicated
Series 240V
Parallel 120V
50Hz/1500rpm
0.8 Power Factor

Winding 05	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI044D	5.5	4.4	5.4	4.3	5.0	4.0	4.6	3.7	4.0	3.2
PI044E	7.4	5.9	7.2	5.8	6.7	5.4	6.1	4.9	5.4	4.3
PI044F	9.2	7.4	9.0	7.2	8.4	6.7	7.6	6.1	6.7	5.4
PI044G	11.1	8.9	10.9	8.7	10.1	8.1	9.2	7.4	8.0	6.4
PI044H	12.9	10.3	12.7	10.2	11.7	9.4	10.7	8.6	9.4	7.5
PI144D	15.0	12.0	14.6	11.7	13.6	10.9	12.4	9.9	10.9	8.7
PI144E	18.7	15.0	18.3	14.6	17.0	13.6	15.5	12.4	13.6	10.9
PI144F	20.6	16.5	20.2	16.2	18.7	15.0	17.0	13.6	15.0	12.0
PI144G	22.5	18.0	22.0	17.6	20.4	16.3	18.7	15.0	16.3	13.0
PI144H	26.2	21.0	25.5	20.4	23.8	19.0	21.8	17.4	19.1	15.3
PI144J	30.6	24.5	30.0	24.0	27.2	21.8	24.9	19.9	21.8	17.4
PI144K	31.9	25.5	30.6	24.5	28.5	22.8	25.0	20.0	22.4	17.9

Dedicated
Series 240V
Parallel 120V
50Hz/1500rpm
1.0 Power Factor

Winding 05	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI044D	6.6	6.6	6.5	6.5	6.0	6.0	5.5	5.5	4.8	4.8
PI044E	8.9	8.9	8.6	8.6	8.0	8.0	7.3	7.3	6.5	6.5
PI044F	11.0	11.0	10.8	10.8	10.1	10.1	9.1	9.1	8.0	8.0
PI044G	13.3	13.3	13.1	13.1	12.1	12.1	11.0	11.0	9.6	9.6
PI044H	15.5	15.5	15.2	15.2	14.0	14.0	12.8	12.8	11.3	11.3
PI144D	16.2	16.2	15.8	15.8	14.7	14.7	13.4	13.4	11.8	11.8
PI144E	20.2	20.2	19.8	19.8	18.4	18.4	16.7	16.7	14.7	14.7
PI144F	22.2	22.2	21.8	21.8	20.2	20.2	18.4	18.4	16.2	16.2
PI144G	24.3	24.3	23.8	23.8	22.0	22.0	20.2	20.2	17.6	17.6
PI144H	28.3	28.3	27.5	27.5	25.7	25.7	23.5	23.5	20.6	20.6
PI144J	33.0	33.0	32.4	32.4	29.4	29.4	26.9	26.9	23.5	23.5
PI144K	34.5	34.5	33.0	33.0	30.8	30.8	27.0	27.0	24.2	24.2



4 POLE Single Phase


Reconnectable Double Delta 220V - 240V
**50Hz/1500rpm
0.8 Power Factor**

Winding 311	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI044D	5.0	4.0	4.9	3.9	4.5	3.6	4.1	3.3	3.6	2.9
PI044E	6.6	5.3	6.5	5.2	6.0	4.8	5.5	4.4	4.8	3.8
PI044F	8.3	6.6	8.1	6.5	7.5	6.0	6.8	5.4	6.0	4.8
PI044G	9.9	7.9	9.7	7.8	9.0	7.2	8.2	6.6	7.2	5.8
PI044H	11.6	9.3	11.3	9.0	10.5	8.4	9.6	7.7	8.4	6.7
PI144D	13.2	10.6	12.9	10.3	12.0	9.6	10.9	8.7	9.6	7.7
PI144E	16.5	13.2	16.1	12.9	15.0	12.0	13.7	11.0	12.0	9.6
PI144F	18.2	14.6	17.8	14.2	16.5	13.2	15.0	12.0	13.2	10.6
PI144G	19.8	15.8	19.4	15.5	18.0	14.4	16.5	13.2	14.4	11.5
PI144H	23.1	18.5	22.5	18.0	21.0	16.8	19.2	15.4	16.8	13.4
PI144J	27.0	21.6	26.4	21.1	24.0	19.2	21.9	17.5	19.2	15.4
PI144K	28.1	22.5	27.0	21.6	25.5	20.4	23.0	18.4	19.7	15.8
UCI224C	N/A	N/A	N/A	N/A	28.5	22.8	25.0	20.0	22.0	17.6
UCI224D	N/A	N/A	N/A	N/A	33.5	26.8	30.0	24.0	26.5	21.2
UCI224E	N/A	N/A	N/A	N/A	40.0	32.0	35.5	28.4	31.5	25.2
UCI224F	N/A	N/A	N/A	N/A	48.5	38.8	43.5	34.8	37.5	30.0
UCI224G	N/A	N/A	N/A	N/A	56.5	45.2	50.0	40.0	45.5	36.4
UCI274C	N/A	N/A	N/A	N/A	62.5	50.0	50.0	40.0	45.0	36.0
UCI274D	N/A	N/A	N/A	N/A	70.0	56.0	60.0	48.0	54.0	43.2
UCI274E	N/A	N/A	N/A	N/A	85.0	68.0	75.0	60.0	67.5	54.0
UCI274F	N/A	N/A	N/A	N/A	100.0	80.0	87.0	69.6	75.0	60.0
UCI274G	N/A	N/A	N/A	N/A	108.0	86.4	98.7	79.0	85.4	68.3
UCI274H	N/A	N/A	N/A	N/A	125.0	100.0	110.0	88.0	93.8	75.0
UCDI274J	N/A	N/A	N/A	N/A	138.0	110.4	126.0	100.8	108.0	86.4
UCDI274K	N/A	N/A	N/A	N/A	150.0	120.0	137.0	109.6	120.0	96.0
HCI444C	N/A	N/A	N/A	N/A	125.0	100.0	115.0	92.0	100.0	80.0
HCI444D	N/A	N/A	N/A	N/A	150.0	120.0	140.0	112.0	120.0	96.0
HCI444E	N/A	N/A	N/A	N/A	175.0	140.0	160.0	128.0	140.0	112.0
HCI444F	N/A	N/A	N/A	N/A	200.0	160.0	185.0	148.0	160.0	128.0
HCI544C	N/A	N/A	N/A	N/A	180.0	144.0	160.0	128.0	140.0	112.0
HCI544D	N/A	N/A	N/A	N/A	200.0	160.0	180.0	144.0	155.0	124.0
HCI544E	N/A	N/A	N/A	N/A	240.0	192.0	220.0	176.0	190.0	152.0
HCI544F	N/A	N/A	N/A	N/A	265.0	212.0	245.0	196.0	215.0	172.0



4 POLE Single Phase


Dedicated
Series 220V
Parallel 110V
60Hz/1800rpm
0.8 Power Factor

Winding 06	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI044D	6.4	5.1	6.2	5.0	5.8	4.6	5.2	4.2	4.6	3.7
PI044E	8.5	6.8	8.3	6.6	7.7	6.2	7.0	5.6	6.2	5.0
PI044F	10.6	8.5	10.4	8.3	9.6	7.7	8.8	7.0	7.7	6.2
PI044G	12.7	10.2	12.5	10.0	11.6	9.3	10.6	8.5	9.2	7.4
PI044H	14.8	11.8	14.6	11.7	13.5	10.8	12.3	9.8	10.8	8.6
PI144D	17.2	13.8	16.8	13.4	15.7	12.6	14.3	11.4	12.5	10.0
PI144E	21.5	17.2	21.1	16.9	19.6	15.7	17.8	14.2	15.7	12.6
PI144F	23.7	19.0	23.2	18.6	21.5	17.2	19.6	15.7	17.2	13.8
PI144G	25.8	20.6	25.3	20.2	23.5	18.8	21.5	17.2	18.8	15.0
PI144H	30.2	24.2	29.4	23.5	27.4	21.9	25.1	20.1	21.9	17.5
PI144J	35.2	28.2	34.5	27.6	31.3	25.0	28.6	22.9	25.1	20.1
PI144K	36.7	29.4	35.2	28.2	33.0	26.4	31.0	24.8	25.7	20.6
UCI224C	N/A	N/A	N/A	N/A	37.5	30.0	33.8	27.0	29.5	23.6
UCI224D	N/A	N/A	N/A	N/A	44.0	35.2	40.0	32.0	35.2	28.2
UCI224E	N/A	N/A	N/A	N/A	50.0	40.0	47.3	37.8	39.5	31.6
UCI224F	N/A	N/A	N/A	N/A	60.0	48.0	56.9	45.5	47.5	38.0
UCI224G	N/A	N/A	N/A	N/A	70.0	56.0	65.6	52.5	55.0	44.0
UCI274C	N/A	N/A	N/A	N/A	84.0	67.2	75.0	60.0	63.8	51.0
UCI274D	N/A	N/A	N/A	N/A	96.0	76.8	87.5	70.0	71.3	57.0
UCI274E	N/A	N/A	N/A	N/A	112.0	89.6	100.0	80.0	82.5	66.0
UCI274F	N/A	N/A	N/A	N/A	135.0	108.0	125.0	100.0	100.0	80.0
UCI274G	N/A	N/A	N/A	N/A	150.0	120.0	137.5	110.0	118.8	95.0
UCI274H	N/A	N/A	N/A	N/A	156.3	125.0	143.8	115.0	125.0	100.0



4 POLE Single Phase


Dedicated
Series 220V
Parallel 110V
60Hz/1800rpm
1.0 Power Factor

Winding 06	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI044D	10.3	10.3	10.1	10.1	9.4	9.4	8.4	8.4	7.5	7.5
PI044E	12.4	12.4	12.2	12.2	11.3	11.3	10.2	10.2	9.0	9.0
PI044F	14.2	14.2	14.0	14.0	12.9	12.9	11.6	11.6	10.3	10.3
PI044G	16.5	16.5	16.2	16.2	15.0	15.0	13.6	13.6	12.0	12.0
PI044H	19.3	19.3	18.9	18.9	17.5	17.5	15.9	15.9	14.0	14.0
PI144D	23.1	23.1	22.6	22.6	21.0	21.0	19.1	19.1	16.8	16.8
PI144E	27.5	27.5	26.9	26.9	25.0	25.0	22.8	22.8	20.0	20.0
PI144F	30.3	30.3	29.6	29.6	27.5	27.5	25.0	25.0	22.0	22.0
PI144G	33.0	33.0	32.3	32.3	30.0	30.0	27.3	27.3	24.0	24.0
PI144H	38.5	38.5	37.6	37.6	35.0	35.0	31.9	31.9	28.0	28.0
PI144J	44.0	44.0	43.0	43.0	40.0	40.0	36.4	36.4	32.0	32.0
PI144K	46.2	46.2	45.2	45.2	42.0	42.0	38.2	38.2	33.6	33.6
UCI224C	N/A	N/A	N/A	N/A	37.5	37.5	33.8	33.8	29.5	29.5
UCI224D	N/A	N/A	N/A	N/A	44.0	44.0	40.0	40.0	35.2	35.2
UCI224E	N/A	N/A	N/A	N/A	50.0	50.0	47.3	47.3	39.5	39.5
UCI224F	N/A	N/A	N/A	N/A	60.0	60.0	56.9	56.9	47.5	47.5
UCI224G	N/A	N/A	N/A	N/A	75.0	75.0	65.6	65.6	55.0	55.0
UCI274C	N/A	N/A	N/A	N/A	90.0	90.0	75.0	75.0	N/A	N/A
UCI274D	N/A	N/A	N/A	N/A	100.0	100.0	87.5	87.5	N/A	N/A
UCI274E	N/A	N/A	N/A	N/A	115.0	115.0	100.0	100.0	N/A	N/A
UCI274F	N/A	N/A	N/A	N/A	135.0	135.0	125.0	125.0	N/A	N/A
UCI274G	N/A	N/A	N/A	N/A	150.0	150.0	137.5	137.5	N/A	N/A
UCI274H	N/A	N/A	N/A	N/A	156.3	156.3	143.8	143.8	N/A	N/A



4 POLE Single Phase


Dedicated
Series 230V
Parallel 115V
60Hz/1800rpm
0.8 Power Factor

Winding 06	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI044D	10.3	8.2	10.1	8.1	9.4	7.5	8.4	6.7	7.5	6.0
PI044E	12.4	9.9	12.2	9.8	11.3	9.0	10.2	8.2	9.0	7.2
PI044F	14.2	11.4	14.0	11.2	12.9	10.3	11.6	9.3	10.3	8.2
PI044G	15.5	12.4	15.2	12.2	14.1	11.3	12.9	10.3	11.3	9.0
PI044H	16.5	13.2	16.2	13.0	15.0	12.0	13.5	10.8	12.0	9.6
PI144D	18.7	15.0	18.4	14.7	17.0	13.6	15.3	12.2	13.6	10.9
PI144E	23.2	18.6	22.8	18.2	21.1	16.9	19.0	15.2	16.9	13.5
PI144F	26.2	21.0	25.7	20.6	23.8	19.0	21.4	17.1	19.0	15.2
PI144G	29.9	23.9	29.4	23.5	27.2	21.8	24.5	19.6	21.8	17.4
PI144H	35.2	28.2	34.5	27.6	32.0	25.6	28.8	23.0	25.6	20.5
PI144J	38.2	30.6	36.8	29.4	34.0	27.2	32.3	25.8	26.9	21.5
PI144K	37.4	29.9	36.7	29.4	34.0	27.2	30.6	24.5	27.2	21.8
UCI224C	N/A	N/A	N/A	N/A	37.5	30.0	33.8	27.0	29.5	23.6
UCI224D	N/A	N/A	N/A	N/A	44.0	35.2	40.0	32.0	35.2	28.2
UCI224E	N/A	N/A	N/A	N/A	50.0	40.0	47.3	37.8	39.5	31.6
UCI224F	N/A	N/A	N/A	N/A	60.0	48.0	56.9	45.5	47.5	38.0
UCI224G	N/A	N/A	N/A	N/A	70.0	56.0	65.6	52.5	55.0	44.0
UCI274C	N/A	N/A	N/A	N/A	84.0	67.2	75.0	60.0	63.8	51.0
UCI274D	N/A	N/A	N/A	N/A	96.0	76.8	87.5	70.0	71.3	57.0
UCI274E	N/A	N/A	N/A	N/A	112.0	89.6	100.0	80.0	82.5	66.0
UCI274F	N/A	N/A	N/A	N/A	135.0	108.0	125.0	100.0	100.0	80.0
UCI274G	N/A	N/A	N/A	N/A	150.0	120.0	137.5	110.0	118.8	95.0
UCI274H	N/A	N/A	N/A	N/A	156.3	125.0	143.8	115.0	125.0	100.0



4 POLE Single Phase


Dedicated
Series 230V
Parallel 115V
60Hz/1800rpm
1.0 Power Factor

Winding 06	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI044D	10.3	8.2	10.1	8.1	9.4	7.5	8.4	6.7	7.5	6.0
PI044E	12.4	9.9	12.2	9.8	11.3	9.0	10.2	8.2	9.0	7.2
PI044F	14.2	11.4	14.0	11.2	12.9	10.3	11.6	9.3	10.3	8.2
PI044G	15.5	12.4	15.2	12.2	14.1	11.3	12.9	10.3	11.3	9.0
PI044H	16.5	13.2	16.2	13.0	15.0	12.0	13.5	10.8	12.0	9.6
PI144D	18.7	15.0	18.4	14.7	17.0	13.6	15.3	12.2	13.6	10.9
PI144E	23.2	18.6	22.8	18.2	21.1	16.9	19.0	15.2	16.9	13.5
PI144F	26.2	21.0	25.7	20.6	23.8	19.0	21.4	17.1	19.0	15.2
PI144G	29.9	23.9	29.4	23.5	27.2	21.8	24.5	19.6	21.8	17.4
PI144H	35.2	28.2	34.5	27.6	32.0	25.6	28.8	23.0	25.6	20.5
PI144J	38.2	30.6	36.8	29.4	34.0	27.2	32.3	25.8	26.9	21.5
PI144K	37.4	29.9	36.7	29.4	34.0	27.2	30.6	24.5	27.2	21.8
UCI224C	N/A	N/A	N/A	N/A	37.5	30.0	33.8	27.0	29.5	23.6
UCI224D	N/A	N/A	N/A	N/A	44.0	35.2	40.0	32.0	35.2	28.2
UCI224E	N/A	N/A	N/A	N/A	50.0	40.0	47.3	37.8	39.5	31.6
UCI224F	N/A	N/A	N/A	N/A	60.0	48.0	56.9	45.5	47.5	38.0
UCI224G	N/A	N/A	N/A	N/A	70.0	56.0	65.6	52.5	55.0	44.0
UCI274C	N/A	N/A	N/A	N/A	84.0	67.2	75.0	60.0	63.8	51.0
UCI274D	N/A	N/A	N/A	N/A	96.0	76.8	87.5	70.0	71.3	57.0
UCI274E	N/A	N/A	N/A	N/A	112.0	89.6	100.0	80.0	82.5	66.0
UCI274F	N/A	N/A	N/A	N/A	135.0	108.0	125.0	100.0	100.0	80.0
UCI274G	N/A	N/A	N/A	N/A	150.0	120.0	137.5	110.0	118.8	95.0
UCI274H	N/A	N/A	N/A	N/A	156.3	125.0	143.8	115.0	125.0	100.0



4 POLE Single Phase


Dedicated
Series 240V
Parallel 120V
60Hz/1800rpm
0.8 Power Factor

Winding 06	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI044D	6.9	5.5	6.8	5.4	6.3	5.0	5.7	4.6	5.0	4.0
PI044E	9.2	7.4	9.0	7.2	8.4	6.7	7.6	6.1	6.7	5.4
S0L1-J 1	9.8	7.8	9.5	7.6	9.0	7.2	8.1	6.5	7.2	5.8
PI044F	11.5	9.2	11.3	9.0	10.5	8.4	9.5	7.6	8.4	6.7
S0L1-S 1	13.1	10.5	12.7	10.2	12.0	9.6	10.8	8.6	9.6	7.7
PI044G	13.8	11.0	13.6	10.9	12.6	10.1	11.5	9.2	10.1	8.1
S0L2-G 1, 2	15.8	12.6	15.4	12.3	14.5	11.6	13.1	10.5	11.6	9.3
PI044H	16.1	12.9	15.8	12.6	14.7	11.8	13.4	10.7	11.7	9.4
PI144D	18.7	15.0	18.3	14.6	17.0	13.6	15.5	12.4	13.6	10.9
S0L2-M 1, 2	21.2	17.0	20.5	16.4	19.3	15.4	17.4	13.9	15.4	12.3
PI144E	23.4	18.7	22.9	18.3	21.3	17.0	19.4	15.5	17.0	13.6
PI144F	25.8	20.6	25.2	20.2	23.4	18.7	21.3	17.0	18.7	15.0
S0L2-U 1, 2	26.4	21.1	25.6	20.5	24.0	19.2	21.7	17.4	19.2	15.4
PI144G	28.1	22.5	27.5	22.0	25.5	20.4	23.4	18.7	20.4	16.3
S1L2-G 1, 2	30.0	24.0	28.6	22.9	27.0	21.6	24.4	19.5	21.6	17.3
S1L2-H 1, 2	31.9	25.5	30.7	24.6	29.0	23.2	26.2	21.0	23.2	18.6
PI144H	32.8	26.2	31.9	25.5	29.8	23.8	27.2	21.8	23.8	19.0
PI144J	38.3	30.6	37.5	30.0	34.1	27.3	31.1	24.9	27.2	21.8
S1L2-K 1, 2	38.2	30.6	36.8	29.4	34.7	27.8	31.4	25.1	27.8	22.2
PI144K	39.8	31.8	38.3	30.6	35.0	28.0	33.8	27.0	28.0	22.4
S1L2-N 1, 2	42.8	34.2	40.8	32.6	38.5	30.8	34.9	27.9	30.8	24.6
UCI224C	N/A	N/A	42.5	34.0	37.5	30.0	33.8	27.0	29.5	23.6
UCI224D	N/A	N/A	50.0	40.0	44.0	35.2	40.0	32.0	35.2	28.2
UCI224E	N/A	N/A	57.5	46.0	50.0	40.0	47.3	37.8	39.5	31.6
UCI224F	N/A	N/A	68.8	55.0	60.0	48.0	56.9	45.5	47.5	38.0
UCI224G	N/A	N/A	81.3	65.0	70.0	56.0	65.6	52.5	55.0	44.0
UCI274C	N/A	N/A	93.8	75.0	84.0	67.2	75.0	60.0	63.8	51.0
UCI274D	N/A	N/A	110.0	88.0	96.0	76.8	87.5	70.0	71.3	57.0
UCI274E	N/A	N/A	128.8	103.0	112.0	89.6	100.0	80.0	82.5	66.0
UCI274F	N/A	N/A	155.0	124.0	135.0	108.0	125.0	100.0	100.0	80.0
UCI274G	N/A	N/A	172.5	138.0	150.0	120.0	137.5	110.0	118.8	95.0
UCI274H	N/A	N/A	180.0	144.0	156.3	125.0	143.8	115.0	125.0	100.0
UCI274K	N/A	N/A	N/A	N/A	200.0	160.0	160.0	128.0	N/A	N/A
UCI274J	N/A	N/A	N/A	N/A	175.0	140.0	160.0	128.0	N/A	N/A

1. Available with single bearing only

2. Auxiliary winding option available (winding 706)



4 POLE Single Phase


Dedicated
Series 240V
Parallel 120V
60Hz/1800rpm
1.0 Power Factor

Winding 06	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI044D	10.3	10.3	10.1	10.1	9.4	9.4	8.4	8.4	7.5	7.5
PI044E	10.6	10.6	10.3	10.3	9.7	9.7	8.7	8.7	7.8	7.8
S0L1-J 1	12.4	12.4	12.2	12.2	11.3	11.3	10.2	10.2	9.0	9.0
PI044F	14.2	14.2	14.0	14.0	12.9	12.9	11.6	11.6	10.3	10.3
S0L1-S 1	14.1	14.1	13.7	13.7	13.0	13.0	11.7	11.7	10.4	10.4
PI044G	16.5	16.5	16.2	16.2	15.0	15.0	13.6	13.6	12.0	12.0
S0L2-G 1, 2	17.1	17.1	16.6	16.6	15.6	15.6	14.1	14.1	12.5	12.5
PI044H	19.3	19.3	18.9	18.9	17.5	17.5	15.9	15.9	14.0	14.0
PI144D	22.9	22.9	22.2	22.2	20.8	20.8	18.8	18.8	16.6	16.6
S0L2-M 1, 2	23.1	23.1	22.6	22.6	21.0	21.0	19.1	19.1	16.8	16.8
PI144E	27.5	27.5	26.9	26.9	25.0	25.0	22.8	22.8	20.0	20.0
PI144F	28.5	28.5	27.6	27.6	25.9	25.9	N/A	N/A	20.7	20.7
S0L2-U 1, 2	30.3	30.3	29.6	29.6	27.5	27.5	25.0	25.0	22.0	22.0
PI144G	32.4	32.4	30.9	30.9	29.2	29.2	26.4	26.4	23.3	23.3
S1L2-G 1, 2	33.0	33.0	32.3	32.3	30.0	30.0	27.3	27.3	24.0	24.0
S1L2-H 1, 2	34.4	34.4	33.2	33.2	31.3	31.3	28.3	28.3	25.0	25.0
PI144H	38.5	38.5	37.6	37.6	35.0	35.0	31.9	31.9	28.0	28.0
PI144J	41.3	41.3	39.8	39.8	37.5	37.5	34.0	34.0	30.0	30.0
S1L2-K 1, 2	44.0	44.0	43.0	43.0	40.0	40.0	36.4	36.4	32.0	32.0
PI144K	46.2	46.2	44.0	44.0	41.6	41.6	37.6	37.6	33.3	33.3
S1L2-N 1, 2	46.2	46.2	45.2	45.2	42.0	42.0	38.2	38.2	33.6	33.6
UCI224C	N/A	N/A	43.0	43.0	37.5	37.5	33.8	33.8	29.5	29.5
UCI224D	N/A	N/A	50.0	50.0	44.0	44.0	40.0	40.0	35.2	35.2
UCI224E	N/A	N/A	57.5	57.5	50.0	50.0	47.3	47.3	39.5	39.5
UCI224F	N/A	N/A	69.0	69.0	60.0	60.0	56.9	56.9	47.5	47.5
UCI224G	N/A	N/A	86.0	86.0	75.0	75.0	67.0	67.0	55.0	55.0
UCI274C	N/A	N/A	100.0	100.0	92.0	92.0	80.0	80.0	N/A	N/A
UCI274D	N/A	N/A	117.0	117.0	107.0	107.0	92.0	92.0	N/A	N/A
UCI274E	N/A	N/A	132.0	132.0	115.0	115.0	100.0	100.0	N/A	N/A
UCI274F	N/A	N/A	155.0	155.0	139.0	139.0	130.0	130.0	N/A	N/A

1. Available with single bearing only

2. Auxiliary winding option available (winding 706)



4 POLE Single Phase



**Reconnectable Double Delta 220V 60Hz/1800rpm
0.8 Power Factor**

Winding 311	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI044D	5.0	4.0	4.9	3.9	4.6	3.7	4.1	3.3	3.6	2.9
PI044E	6.7	5.4	6.6	5.3	6.1	4.9	5.5	4.4	4.9	3.9
PI044F	8.3	6.6	8.2	6.6	7.6	6.1	6.9	5.5	6.1	4.9
PI044G	10.0	8.0	9.8	7.8	9.1	7.3	8.3	6.6	7.3	5.8
PI044H	11.7	9.4	11.5	9.2	10.6	8.5	9.7	7.8	8.5	6.8
PI144D	13.4	10.7	13.1	10.5	12.1	9.7	11.1	8.9	9.7	7.8
PI144E	16.7	13.4	16.3	13.0	15.2	12.2	13.8	11.0	12.1	9.7
PI144F	18.4	14.7	18.0	14.4	16.7	13.4	15.2	12.2	13.4	10.7
PI144G	20.0	16.0	19.6	15.7	18.2	14.6	16.7	13.4	14.6	11.7
PI144H	23.4	18.7	22.8	18.2	21.3	17.0	19.4	15.5	17.0	13.6
PI144J	27.3	21.8	26.7	21.4	24.3	19.4	22.2	17.8	19.4	15.5
PI144K	30.4	24.3	29.3	23.4	27.0	21.6	25.0	20.0	21.8	17.4
UCI224C	N/A	N/A	N/A	N/A	30.5	24.4	27.5	22.0	23.5	18.8
UCI224D	N/A	N/A	N/A	N/A	36.5	29.2	32.1	25.7	27.8	22.2
UCI224E	N/A	N/A	N/A	N/A	41.3	33.0	38.1	30.5	32.3	25.8
UCI224F	N/A	N/A	N/A	N/A	50.0	40.0	45.6	36.5	39.4	31.5
UCI224G	N/A	N/A	N/A	N/A	56.9	45.5	53.1	42.5	45.6	36.5
UCI274C	N/A	N/A	N/A	N/A	61.3	49.0	53.1	42.5	45.6	36.5
UCI274D	N/A	N/A	N/A	N/A	72.0	57.6	66.0	52.8	54.0	43.2
UCI274E	N/A	N/A	N/A	N/A	84.0	67.2	76.5	61.2	65.6	52.5
UCI274F	N/A	N/A	N/A	N/A	97.5	78.0	87.5	70.0	75.0	60.0
UCI274G	N/A	N/A	N/A	N/A	110.5	88.4	102.8	82.2	87.4	69.9
UCI274H	N/A	N/A	N/A	N/A	127.5	102.0	120.0	96.0	100.0	80.0
UCDI274J	N/A	N/A	N/A	N/A	150.0	120.0	135.0	108.0	116.0	92.8
UCDI274K	N/A	N/A	N/A	N/A	155.0	124.0	142.0	113.6	124.0	99.2
HCI444C	N/A	N/A	N/A	N/A	130.0	104.0	120.0	96.0	105.0	84.0
HCI444D	N/A	N/A	N/A	N/A	155.0	124.0	145.0	116.0	125.0	100.0
HCI444E	N/A	N/A	N/A	N/A	185.0	148.0	165.0	132.0	145.0	116.0
HCI444F	N/A	N/A	N/A	N/A	210.0	168.0	195.0	156.0	170.0	136.0
HCI544C	N/A	N/A	N/A	N/A	192.0	153.6	175.0	140.0	153.0	122.4
HCI544D	N/A	N/A	N/A	N/A	210.0	168.0	188.0	150.4	163.0	130.4
HCI544E	N/A	N/A	N/A	N/A	250	200	228.0	182.4	200.0	160.0
HCI544F	N/A	N/A	N/A	N/A	269.0	215.2	250.0	200.0	220.0	176.0



4 POLE Single Phase



**Reconnectable Double Delta 230V 60Hz/1800rpm
0.8 Power Factor**

Winding 311	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI044D	5.2	4.2	5.1	4.1	4.8	3.8	4.3	3.4	3.8	3.0
PI044E	7.0	5.6	6.8	5.4	6.3	5.0	5.8	4.6	5.1	4.1
PI044F	8.7	7.0	8.6	6.9	7.9	6.3	7.2	5.8	6.3	5.0
PI044G	10.5	8.4	10.3	8.2	9.5	7.6	8.7	7.0	7.6	6.1
PI044H	12.2	9.8	12.0	9.6	11.1	8.9	10.1	8.1	8.9	7.1
PI144D	13.9	11.1	13.6	10.9	12.7	10.2	11.5	9.2	10.1	8.1
PI144E	17.4	13.9	17.0	13.6	15.8	12.6	14.4	11.5	12.7	10.2
PI144F	19.2	15.4	18.8	15.0	17.4	13.9	15.8	12.6	13.9	11.1
PI144G	20.9	16.7	20.4	16.3	19.0	15.2	17.4	13.9	15.2	12.2
PI144H	24.4	19.5	23.8	19.0	22.2	17.8	20.3	16.2	17.7	14.2
PI144J	28.5	22.8	27.9	22.3	25.3	20.2	23.1	18.5	20.3	16.2
PI144K	31.7	25.4	30.6	24.5	28.5	22.8	26.0	20.8	22.7	18.2
UCI224C	N/A	N/A	N/A	N/A	32.0	25.6	28.8	23.0	24.8	19.8
UCI224D	N/A	N/A	N/A	N/A	38.3	30.6	33.5	26.8	29.0	23.2
UCI224E	N/A	N/A	N/A	N/A	43.1	34.5	40.0	32.0	34.0	27.2
UCI224F	N/A	N/A	N/A	N/A	52.5	42.0	47.5	38.0	41.3	33.0
UCI224G	N/A	N/A	N/A	N/A	59.4	47.5	55.6	44.5	47.5	38.0
UCI274C	N/A	N/A	N/A	N/A	64.4	51.5	55.6	44.5	48.1	38.5
UCI274D	N/A	N/A	N/A	N/A	75.0	60.0	68.8	55.0	57.0	45.6
UCI274E	N/A	N/A	N/A	N/A	90.0	72.0	80.0	64.0	68.8	55.0
UCI274F	N/A	N/A	N/A	N/A	103.1	82.5	92.5	74.0	80.0	64.0
UCI274G	N/A	N/A	N/A	N/A	115.7	92.6	109.0	87.2	93.9	75.1
UCI274H	N/A	N/A	N/A	N/A	135.0	108.0	125.0	100.0	106.3	85.0
UCDI274J	N/A	N/A	N/A	N/A	157.0	125.6	145.0	116.0	122.0	97.6
UCDI274K	N/A	N/A	N/A	N/A	166.0	132.8	151.0	120.8	131.0	104.8
HCI444C	N/A	N/A	N/A	N/A	135.0	108.0	125.0	100.0	110.0	88.0
HCI444D	N/A	N/A	N/A	N/A	165.0	132.0	155.0	124.0	135.0	108.0
HCI444E	N/A	N/A	N/A	N/A	195.0	156.0	180.0	144.0	155.0	124.0
HCI444F	N/A	N/A	N/A	N/A	220.0	176.0	200.0	160.0	180.0	144.0
HCI544C	N/A	N/A	N/A	N/A	200.0	160.0	183.0	146.4	160.0	128.0
HCI544D	N/A	N/A	N/A	N/A	220.0	176.0	198.0	158.4	174.0	139.2
HCI544E	N/A	N/A	N/A	N/A	261	208.8	238.0	190.4	210.0	168.0
HCI544F	N/A	N/A	N/A	N/A	281.0	224.8	263.0	210.4	231.0	184.8



4 POLE Single Phase



**Reconnectable Double Delta 240V 60Hz/1800rpm
0.8 Power Factor**

Winding 311	Model	TEMPERATURE RISE									
		Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
		kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
S0L1-D	1	5.1	4.1	5.0	4.0	4.7	3.8	4.3	3.4	3.7	3.0
PI044D		5.4	4.3	5.3	4.2	5.0	4.0	4.5	3.6	4.0	3.2
S0L1-H	1	6.9	5.5	6.7	5.4	6.2	5.0	N/A	N/A	5.0	4.0
PI044E		7.3	5.8	7.1	5.7	6.6	5.3	6.0	4.8	5.3	4.2
S0L1-L	1	8.6	6.9	8.3	6.6	7.8	6.2	0.0	0.0	6.2	5.0
PI044F		9.1	7.3	8.9	7.1	8.3	6.6	7.5	6.0	6.6	5.3
S0L1-P	1	10.3	8.2	10.0	8.0	9.4	7.5	8.5	6.8	7.5	6.0
PI044G		10.9	8.7	10.7	8.6	9.9	7.9	9.0	7.2	7.9	6.3
S0L2-F	1	12.0	9.6	11.7	9.4	10.9	8.7	9.9	7.9	8.7	7.0
PI044H		12.7	10.2	12.5	10.0	11.6	9.3	10.6	8.5	9.2	7.4
S0L2-G	1, 2	13.7	11.0	13.4	10.7	12.5	10.0	11.4	9.1	10.0	8.0
PI144D		14.5	11.6	14.2	11.4	13.2	10.6	12.0	9.6	10.6	8.5
S0L2-M	1, 2	17.2	13.8	16.7	13.4	15.6	12.5	14.2	11.4	12.5	10.0
PI144E		18.2	14.6	17.8	14.2	16.5	13.2	15.0	12.0	13.2	10.6
PI144F		20.0	16.0	19.5	15.6	18.2	14.6	16.5	13.2	14.5	11.6
S0L2-P	1, 2	20.6	16.5	20.0	16.0	18.7	15.0	17.0	13.6	15.0	12.0
PI144G		21.8	17.4	21.3	17.0	19.8	15.8	18.2	14.6	15.8	12.6
S1L2-J	1, 2	24.0	19.2	23.4	18.7	21.8	17.4	19.9	15.9	17.5	14.0
PI144H		25.4	20.3	24.8	19.8	23.1	18.5	21.1	16.9	18.5	14.8
S1L2-K	1, 2	27.5	22.0	26.7	21.4	25.0	20.0	22.7	18.2	20.0	16.0
PI144J		29.7	23.8	29.0	23.2	26.4	21.1	24.1	19.3	21.1	16.9
PI144K		33.0	26.4	31.9	25.5	30.0	24.0	27.0	21.6	23.7	19.0
S1L2-R	1, 2	34.3	27.4	33.4	26.7	31.2	25.0	28.4	22.7	25.0	20.0
S1L2-Y	1, 2	42.9	34.3	41.7	33.4	39.0	31.2	35.5	28.4	31.2	25.0
UCI224C		N/A	N/A	N/A	N/A	33.5	26.8	30.0	24.0	26.0	20.8
UCI224D		N/A	N/A	N/A	N/A	40.0	32.0	35.0	28.0	30.5	24.4
UCI224E		N/A	N/A	N/A	N/A	45.0	36.0	41.9	33.5	35.6	28.5
UCI224F		N/A	N/A	N/A	N/A	56.0	44.8	50.0	40.0	43.8	35.0
UCI224G		N/A	N/A	N/A	N/A	62.5	50.0	58.8	47.0	50.0	40.0
UCI274C		N/A	N/A	N/A	N/A	67.5	54.0	58.5	46.8	50.6	40.5
UCI274D		N/A	N/A	N/A	N/A	78.8	63.0	72.0	57.6	60.0	48.0
UCI274E		N/A	N/A	N/A	N/A	96.0	76.8	84.0	67.2	72.0	57.6
UCI274F		N/A	N/A	N/A	N/A	108.8	87.0	97.5	78.0	84.0	67.2
UCI274G		N/A	N/A	N/A	N/A	123.4	98.7	115.7	92.6	100.3	80.2
UCI274H		N/A	N/A	N/A	N/A	142.5	114	131.3	105.0	112.5	90.0
UCDI274J		N/A	N/A	N/A	N/A	161.0	128.8	150.0	120.0	128.0	102.4
UCDI274K		N/A	N/A	N/A	N/A	175.0	140.0	160.0	128.0	140.0	112.0
HCI444C		N/A	N/A	N/A	N/A	140.0	112.0	130.0	104.0	115.0	92.0
HCI444D		N/A	N/A	N/A	N/A	170.0	136.0	160.0	128.0	140.0	112.0
HCI444E		N/A	N/A	N/A	N/A	200.0	160.0	185.0	148.0	160.0	128.0
HCI444F		N/A	N/A	N/A	N/A	230.0	184.0	210.0	168.0	185.0	148.0
HCI544C		N/A	N/A	N/A	N/A	210.0	168.0	190.0	152.0	168.0	134.4
HCI544D		N/A	N/A	N/A	N/A	230.0	184.0	208.0	166.4	180.0	144.0
HCI544E		N/A	N/A	N/A	N/A	273.0	218.4	250.0	200.0	220.0	176.0
HCI544F		N/A	N/A	N/A	N/A	295.0	236.0	275.0	220.0	243.0	194.4

1. Available with single bearing only

2. Auxiliary winding option available (winding 711)



4 POLE Three Phase



Star
Parallel Star
Delta

380V
190V
220V

50Hz/1500rpm
0.8 Power Factor

1 of 2

Winding 311/312/12	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI044D	8.3	6.6	8.1	6.5	7.5	6.0	6.8	5.4	6.0	4.8
PI044E	11.0	8.8	10.8	8.6	10.0	8.0	9.1	7.3	8.0	6.4
PI044F	13.8	11.0	13.5	10.8	12.5	10.0	11.4	9.1	10.0	8.0
PI044G	16.5	13.2	16.2	13.0	15.0	12.0	13.7	11.0	12.0	9.6
PI044H	19.3	15.4	18.9	15.1	17.5	14.0	16.0	12.8	14.0	11.2
PI144D	22.0	17.6	21.5	17.2	20.0	16.0	18.2	14.6	16.0	12.8
PI144E	27.5	22.0	26.9	21.5	25.0	20.0	22.8	18.2	20.0	16.0
PI144F	30.3	24.2	29.6	23.7	27.5	22.0	25.0	20.0	22.0	17.6
PI144G	33.0	26.4	32.3	25.8	30.0	24.0	27.5	22.0	24.0	19.2
PI144H	38.5	30.8	37.5	30.0	35.0	28.0	32.0	25.6	28.0	22.4
PI144J	45.0	36.0	44.0	35.2	40.0	32.0	36.5	29.2	32.0	25.6
PI144K	46.8	37.4	45.0	36.0	42.5	34.0	37.5	30.0	32.9	26.3
UCI224C	46.8	37.4	45.0	36.0	42.5	34.0	37.5	30.0	33.0	26.4
UCI224D	55.0	44.0	53.0	42.4	50.0	40.0	45.0	36.0	40.0	32.0
UCI224E	63.0	50.4	61.0	48.8	60.0	48.0	53.0	42.4	47.0	37.6
UCI224F	80.0	64.0	77.0	61.6	72.5	58.0	65.0	52.0	56.0	44.8
UCI224G	90.8	72.6	87.5	70.0	85.0	68.0	75.0	60.0	68.0	54.4
UCI274C	110.0	88.0	106.0	84.8	100.0	80.0	84.0	67.2	75.0	60.0
UCI274D	125.0	100.0	121.0	96.8	114.0	91.2	100.0	80.0	90.0	72.0
UCI274E	150.0	120.0	145.0	116.0	140.0	112.0	125.0	100.0	112.5	90.0
UCI274F	175.0	140.0	170.0	136.0	160.0	128.0	145.0	116.0	126.0	100.8
UCI274G	200.0	160.0	187.0	149.6	182.0	145.6	164.6	131.7	143.0	114.4
UCI274H	220.0	176.0	212.0	169.6	200.0	160.0	182.0	145.6	158.0	126.4
UCDI274J	260.0	208.0	250.0	200.0	230.0	184.0	210.0	168.0	180.0	144.0
UCDI274K	275.0	220.0	270.0	216.0	250.0	200.0	230.0	184.0	200.0	160.0
S4L1S-C	275.0	220.0	270.0	216.0	250.0	200.0	230.0	184.0	200.0	160.0
S4L1D-C *	275.0	220.0	270.0	216.0	250.0	200.0	230.0	184.0	200.0	160.0
S4L1S-D	330.0	264.0	320.0	256.0	300.0	240.0	280.0	224.0	240.0	192.0
S4L1D-D *	330.0	264.0	320.0	256.0	300.0	240.0	280.0	224.0	240.0	192.0
S4L1S-E	380.0	304.0	370.0	296.0	350.0	280.0	320.0	256.0	275.0	220.0
S4L1D-E *	380.0	304.0	370.0	296.0	350.0	280.0	320.0	256.0	275.0	220.0

* New S4 dedicated range with higher output ratings, single bearing with SAE1 & SAE0.5

1. Available with single bearing only
2. Auxiliary winding option available (winding 711)
3. Star connection only



4 POLE Three Phase



Star 380V
Parallel Star 190V
Delta 220V

50Hz/1500rpm
0.8 Power Factor

2 of 2

Winding 311/312/12	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
S4L1S-F	425.0	340.0	415.0	332.0	400.0	320.0	370.0	296.0	320.0	256.0
S4L1D-F *	425.0	340.0	415.0	332.0	400.0	320.0	370.0	296.0	320.0	256.0
S4L1D-G *	475.0	380.0	455.0	364.0	430.0	344.0	390.0	312.0	345.0	276.0
HCI544C	500.0	400.0	478.0	382.4	455.0	364.0	400.0	320.0	350.0	280.0
HCI544D	550.0	440.0	515.0	412.0	500.0	400.0	450.0	360.0	390.0	312.0
HCI544E	660.0	528.0	636.0	508.8	600.0	480.0	550.0	440.0	480.0	384.0
HCI544F	738.0	590.4	710.0	568.0	670.0	536.0	620.0	496.0	540.0	432.0
HCI634G	850.0	680.0	825.0	660.0	800.0	640.0	750.0	600.0	650.0	520.0
HCI634H	1000.0	800.0	960.0	768.0	910.0	728.0	830.0	664.0	740.0	592.0
HCI634J	1100.0	880.0	1060.0	848.0	1000.0	800.0	900.0	720.0	800.0	640.0
HCI634K	1220.0	976.0	1180.0	944.0	1110.0	888.0	1000.0	800.0	885.0	708.0
PI734A 3	1310.0	1048.0	1275.0	1020.0	1225.0	980.0	1140.0	912.0	1055.0	844.0
PI734B 3	1455.0	1164.0	1415.0	1132.0	1360.0	1088.0	1265.0	1012.0	1170.0	936.0
PI734C 3	1615.0	1292.0	1570.0	1256.0	1505.0	1204.0	1400.0	1120.0	1295.0	1036.0
PI734D 3	1715.0	1372.0	1675.0	1340.0	1615.0	1292.0	1500.0	1200.0	1380.0	1104.0
PI734E 3	1975.0	1580.0	1920.0	1536.0	1845.0	1476.0	1715.0	1372.0	1585.0	1268.0
PI734F 3	2165.0	1732.0	2105.0	1684.0	2020.0	1616.0	1880.0	1504.0	1735.0	1388.0
PI734G 3	2290.0	1832.0	2225.0	1780.0	2135.0	1708.0	1985.0	1588.0	1835.0	1468.0
PI734H 3	2500.0	2000.0	2410.0	1928.0	2250.0	1800.0	2100.0	1680.0	1825.0	1460.0
P80 LVSI804R 3	2515.0	2012.0	2445.0	1956.0	2290.0	1832.0	2100.0	1680.0	1830.0	1464.0
P80 LVSI804S 3	2915.0	2332.0	2835.0	2268.0	2650.0	2120.0	2430.0	1944.0	2125.0	1700.0
P80 LVSI804T 3	3180.0	2544.0	3095.0	2476.0	2895.0	2316.0	2660.0	2128.0	2325.0	1860.0
P80 LVSI804W 3	3715.0	2972.0	3610.0	2888.0	3375.0	2700.0	3155.0	2524.0	2740.0	2192.0
P80 LVSI804X 3	4080.0	3264.0	3970.0	3176.0	3715.0	2972.0	3470.0	2776.0	3015.0	2412.0

* New S4 dedicated range with higher output ratings, single bearing with SAE1 & SAE0.5



4 POLE Three Phase



Star
Parallel Star
Delta

400V
200V
230V

50Hz/1500rpm
0.8 Power Factor

1 of 2

Winding 311/312/12	Model	TEMPERATURE RISE									
		Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
		kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
S0L1-D	1	8.3	6.6	8.0	6.4	7.5	6.0	6.8	5.4	N/A	N/A
PI044D		8.3	6.6	8.1	6.5	7.5	6.0	6.8	5.4	6.0	4.8
S0L1-H	1	11.0	8.8	10.7	8.6	10.0	8.0	9.1	7.3	N/A	N/A
PI044E		11.0	8.8	10.8	8.6	10.0	8.0	9.1	7.3	8.0	6.4
S0L1-L	1	13.8	11.0	13.3	10.6	12.5	10.0	11.4	9.1	N/A	N/A
PI044F		13.8	11.0	13.5	10.8	12.5	10.0	11.4	9.1	10.0	8.0
S0L1-P	1	16.5	13.2	16.0	12.8	15.0	12.0	13.7	11.0	N/A	N/A
PI044G		16.5	13.2	16.2	13.0	15.0	12.0	13.7	11.0	12.0	9.6
S0L2-F	1, 2	19.3	15.4	18.7	15.0	17.5	14.0	15.9	12.7	N/A	N/A
PI044H		19.3	15.4	18.9	15.1	17.5	14.0	16.0	12.8	14.0	11.2
S0L2-G	1,2	22.0	17.6	21.3	17.0	20.0	16.0	18.2	14.6	N/A	N/A
PI144D		22.0	17.6	21.5	17.2	20.0	16.0	18.2	14.6	16.0	12.8
S0L2-M	1, 2	27.5	22.0	26.7	21.4	25.0	20.0	22.8	18.2	N/A	N/A
PI144E		27.5	22.0	26.9	21.5	25.0	20.0	22.8	18.2	20.0	16.0
PI144F		30.3	24.2	29.6	23.7	27.5	22.0	25.0	20.0	22.0	17.6
S0L2-P	1, 2	33.0	26.4	32.0	25.6	30.0	24.0	27.3	21.8	N/A	N/A
PI144G		33.0	26.4	32.3	25.8	30.0	24.0	27.5	22.0	24.0	19.2
PI144H		38.5	30.8	37.5	30.0	35.0	28.0	32.0	25.6	28.0	22.4
S1L2-J	1, 2	38.5	30.8	37.5	30.0	35.0	28.0	31.9	25.5	N/A	N/A
S1L2-K	1, 2	44.0	35.2	42.6	34.1	40.0	32.0	36.4	29.1	N/A	N/A
PI144J		45.0	36.0	44.0	35.2	40.0	32.0	36.5	29.2	32.0	25.6
UCI224C		46.8	37.4	45.0	36.0	42.5	34.0	37.5	30.0	33.0	26.4
PI144K		46.8	37.4	45.0	36.0	42.5	34.0	37.5	30.0	32.9	26.3
S1L2-N	1, 2	49.5	39.6	48.0	38.4	45.0	36.0	41.0	32.8	N/A	N/A
UCI224D		55.0	44.0	53.0	42.4	50.0	40.0	45.0	36.0	40.0	32.0
S1L2-R	1, 2	55.0	44.0	53.3	42.6	50.0	40.0	45.5	36.4	N/A	N/A
UCI224E		63.0	50.4	61.0	48.8	60.0	48.0	53.0	42.4	47.0	37.6
S1L2-Y	1, 2	68.8	55.0	66.6	53.3	62.5	50.0	56.9	45.5	N/A	N/A
UCI224F		80.0	64.0	77.0	61.6	72.5	58.0	65.0	52.0	56.0	44.8
UCI224G		90.8	72.6	87.5	70.0	85.0	68.0	75.0	60.0	68.0	54.4
UCI274C		110.0	88.0	106.0	84.8	100.0	80.0	84.0	67.2	75.0	60.0
UCI274D		130.0	104.0	127.0	101.6	120.0	96.0	108.0	86.4	95.0	76.0
UCI274E		150.0	120.0	145.0	116.0	140.0	112.0	125.0	100.0	112.5	90.0
UCI274F		175.0	140.0	170.0	136.0	160.0	128.0	145.0	116.0	126.0	100.8
UCI274G		200.0	160.0	187.0	149.6	182.0	145.6	164.6	131.7	143.0	114.4

1. Available with single bearing only
2. Auxiliary winding option available (winding 711)
3. Star connection only



4 POLE Three Phase



Star
Parallel Star
Delta

400V
200V
230V

50Hz/1500rpm
0.8 Power Factor

2 of 2

Winding 311/312/12	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
UCI274H	220.0	176.0	212.0	169.6	200.0	160.0	182.0	145.6	158.0	126.4
UCDI274J	260.0	208.0	250.0	200.0	230.0	184.0	210.0	168.0	180.0	144.0
UCI274K	275.0	220.0	265.0	212.0	250.0	200.0	229.0	183.2	200.0	160.0
S4L1S-C	275.0	220.0	270.0	216.0	250.0	200.0	230.0	184.0	200.0	160.0
S4L1D-C *	285.0	228.0	280.0	224.0	260.0	208.0	235.0	188.0	205.0	164.0
S4L1S-D	330.0	264.0	320.0	256.0	300.0	240.0	280.0	224.0	240.0	192.0
S4L1D-D *	340.0	272.0	330.0	264.0	310.0	248.0	285.0	228.0	245.0	196.0
S4L1S-E	400.0	320.0	370.0	296.0	350.0	280.0	320.0	256.0	275.0	220.0
S4L1D-E *	415.0	332.0	385.0	308.0	360.0	288.0	325.0	260.0	285.0	228.0
S4L1S-F	450.0	360.0	430.0	344.0	400.0	320.0	370.0	296.0	320.0	256.0
S4L1D-F *	465.0	372.0	445.0	356.0	415.0	332.0	380.0	304.0	330.0	264.0
S4L1D-G *	500.0	400.0	480.0	384.0	450.0	360.0	410.0	328.0	360.0	288.0
HCI544C	520.0	416.0	512.0	409.6	500.0	400.0	445.0	356.0	389.0	311.2
HCI544D	590.0	472.0	575.0	460.0	550.0	440.0	495.0	396.0	429.0	343.2
HCI544E	665.0	532.0	640.0	512.0	610.0	488.0	560.0	448.0	488.0	390.4
HCI544F	738.0	590.4	710.0	568.0	670.0	536.0	620.0	496.0	540.0	432.0
HCI634G	860.0	688.0	830.0	664.0	810.0	648.0	760.0	608.0	655.0	524.0
HCI634H	1010.0	808.0	980.0	784.0	940.0	752.0	860.0	688.0	765.0	612.0
HCI634J	1110.0	888.0	1070.0	856.0	1030.0	824.0	927.0	741.6	825.0	660.0
HCI634K	1230.0	984.0	1190.0	952.0	1135.0	908.0	1018.0	814.4	900.0	720.0
PI734A 3	1350.0	1080.0	1315.0	1052.0	1260.0	1008.0	1175.0	940.0	1085.0	868.0
PI734B 3	1500.0	1200.0	1460.0	1168.0	1400.0	1120.0	1305.0	1044.0	1205.0	964.0
PI734C 3	1660.0	1328.0	1615.0	1292.0	1550.0	1240.0	1445.0	1156.0	1335.0	1068.0
PI734D 3	1770.0	1416.0	1720.0	1376.0	1650.0	1320.0	1540.0	1232.0	1420.0	1136.0
PI734E 3	2035.0	1628.0	1980.0	1584.0	1900.0	1520.0	1770.0	1416.0	1635.0	1308.0
PI734F 3	2250.0	1800.0	2170.0	1736.0	2080.0	1664.0	1935.0	1548.0	1790.0	1432.0
PI734G 3	2360.0	1888.0	2295.0	1836.0	2200.0	1760.0	2050.0	1640.0	1895.0	1516.0
PI734H 3	2600.0	2080.0	2500.0	2000.0	2325.0	1860.0	2150.0	1720.0	1900.0	1520.0
P80 LVSI804R 3	2650.0	2120.0	2575.0	2060.0	2410.0	1928.0	2210.0	1768.0	1930.0	1544.0
P80 LVSI804S 3	3070.0	2456.0	2985.0	2388.0	2790.0	2232.0	2560.0	2048.0	2240.0	1792.0
P80 LVSI804T 3	3350.0	2680.0	3260.0	2608.0	3050.0	2440.0	2800.0	2240.0	2450.0	1960.0
P80 LVSI804W 3	3910.0	3128.0	3800.0	3040.0	3555.0	2844.0	3322.0	2657.6	2887.0	2309.6
P80 LVSI804X 3	4080.0	3264.0	4180.0	3344.0	3911.0	3128.8	3655.0	2924.0	3177.0	2541.6

* New S4 dedicated range with higher output ratings, single bearing with SAE1 & SAE0.5



4 POLE Three Phase



Star 415V
Parallel Star 208V
Delta 240V

50Hz/1500rpm
0.8 Power Factor

1 of 2

Winding 311/312/12	Model	TEMPERATURE RISE									
		Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
		kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
S0L1-D	1	8.3	6.6	8.0	6.4	7.5	6.0	6.8	5.4	N/A	N/A
PI044D		8.3	6.6	8.1	6.5	7.5	6.0	6.8	5.4	6.0	4.8
S0L1-H	1	11.0	8.8	10.7	8.6	10.0	8.0	9.1	7.3	N/A	N/A
PI044E		11.0	8.8	10.8	8.6	10.0	8.0	9.1	7.3	8.0	6.4
S0L1-L	1	13.8	11.0	13.3	10.6	12.5	10.0	11.4	9.1	N/A	N/A
PI044F		13.8	11.0	13.5	10.8	12.5	10.0	11.4	9.1	10.0	8.0
S0L1-P	1	16.5	13.2	16.0	12.8	15.0	12.0	13.7	11.0	N/A	N/A
PI044G		16.5	13.2	16.2	13.0	15.0	12.0	13.7	11.0	12.0	9.6
S0L2-F	1, 2	19.3	15.4	18.7	15.0	17.5	14.0	15.9	12.7	N/A	N/A
PI044H		19.3	15.4	18.9	15.1	17.5	14.0	16.0	12.8	14.0	11.2
S0L2-G	1, 2	22.0	17.6	21.5	17.2	20.0	16.0	18.2	14.6	16.0	12.8
PI144D		22.0	17.6	21.3	17.0	20.0	16.0	18.2	14.6	N/A	N/A
S0L2-M	1, 2	27.5	22.0	26.7	21.4	25.0	20.0	22.8	18.2	N/A	N/A
PI144E		27.5	22.0	26.9	21.5	25.0	20.0	22.8	18.2	20.0	16.0
PI144F		30.3	24.2	29.6	23.7	27.5	22.0	25.0	20.0	22.0	17.6
S0L2-P	1, 2	33.0	26.4	32.0	25.6	30.0	24.0	27.3	21.8	N/A	N/A
PI144G		33.0	26.4	32.3	25.8	30.0	24.0	27.5	22.0	24.0	19.2
PI144H		38.5	30.8	37.5	30.0	35.0	28.0	32.0	25.6	28.0	22.4
S1L2-J	1, 2	38.5	30.8	N/A	N/A	37.5	30.0	31.9	25.5	N/A	N/A
PI144J		45.0	36.0	44.0	35.2	40.0	32.0	36.5	29.2	32.0	25.6
PI144K		46.8	37.4	45.0	36.0	42.5	34.0	37.5	30.0	32.9	26.3
UCI224C		46.8	37.4	45.0	36.0	42.5	34.0	37.5	30.0	33.0	26.4
S1L2-K	1, 2	44.0	35.2	N/A	N/A	42.6	34.1	36.4	29.1	N/A	N/A
S1L2-N	1, 2	49.5	39.6	N/A	N/A	45.0	36.0	41.0	32.8	N/A	N/A
UCI224D		55.0	44.0	53.0	42.4	50.0	40.0	45.0	36.0	40.0	32.0
S1L2-R	1, 2	55.0	44.0	N/A	N/A	53.3	42.6	45.5	36.4	N/A	N/A
UCI224E		63.0	50.4	61.0	48.8	60.0	48.0	53.0	42.4	47.0	37.6
S1L2-Y	1, 2	68.8	55.0	N/A	N/A	66.6	53.3	56.9	45.5	N/A	N/A
UCI224F		80.0	64.0	77.0	61.6	72.5	58.0	65.0	52.0	56.0	44.8
UCI224G		90.8	72.6	87.5	70.0	85.0	68.0	75.0	60.0	68.0	54.4
UCI274C		110.0	88.0	106.0	84.8	100.0	80.0	84.0	67.2	80.0	64.0
UCI274D		125.0	100.0	121.0	96.8	114.0	91.2	100.0	80.0	90.0	72.0
UCI274E		150.0	120.0	145.0	116.0	140.0	112.0	125.0	100.0	112.5	90.0
UCI274F		175.0	140.0	170.0	136.0	160.0	128.0	145.0	116.0	128.0	102.4
UCI274G		200.0	160.0	187.0	149.6	182.0	145.6	164.6	131.7	144.0	115.2

1. Available with single bearing only
2. Auxiliary winding option available (winding 711)
3. Star connection only



4 POLE Three Phase



Star 415V
Parallel Star 208V
Delta 240V

50Hz/1500rpm
0.8 Power Factor

2 of 2

Winding 311/312/12	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
UCI274H	220.0	176.0	212.0	169.6	200.0	160.0	182.0	145.6	160.0	128.0
UCDI274J	260.0	208.0	250.0	200.0	230.0	184.0	210.0	168.0	180.0	144.0
UCDI274K	275.0	220.0	265.0	212.0	250.0	200.0	229.0	183.2	200.0	160.0
S4L1S-C	275.0	220.0	270.0	216.0	250.0	200.0	230.0	184.0	200.0	160.0
S4L1D-C *	285.0	228.0	280.0	224.0	260.0	208.0	235.0	188.0	205.0	164.0
S4L1S-D	330.0	264.0	320.0	256.0	300.0	240.0	280.0	224.0	240.0	192.0
S4L1D-D *	340.0	272.0	330.0	264.0	310.0	248.0	285.0	228.0	245.0	196.0
S4L1S-E	380.0	304.0	370.0	296.0	350.0	280.0	320.0	256.0	275.0	220.0
S4L1D-E *	400.0	320.0	385.0	308.0	360.0	288.0	325.0	260.0	285.0	228.0
S4L1S-F	440.0	352.0	430.0	344.0	400.0	320.0	370.0	296.0	320.0	256.0
S4L1D-F *	455.0	364.0	445.0	356.0	415.0	332.0	380.0	304.0	330.0	264.0
S4L1D-G *	500.0	400.0	480.0	384.0	450.0	360.0	410.0	328.0	360.0	288.0
HCI544C	500.0	400.0	478.0	382.4	455.0	364.0	400.0	320.0	350.0	280.0
HCI544D	550.0	440.0	550.0	440.0	500.0	400.0	450.0	360.0	400.0	320.0
HCI544E	660.0	528.0	660.0	528.0	600.0	480.0	550.0	440.0	480.0	384.0
HCI544F	738.0	590.4	715.0	572.0	670.0	536.0	620.0	496.0	540.0	432.0
HCI634G	850.0	680.0	825.0	660.0	800.0	640.0	750.0	600.0	650.0	520.0
HCI634H	1000.0	800.0	960.0	768.0	910.0	728.0	830.0	664.0	740.0	592.0
HCI634J	1110.0	888.0	1070.0	856.0	1030.0	824.0	927.0	741.6	825.0	660.0
HCI634K	1220.0	976.0	1180.0	944.0	1110.0	888.0	1000.0	800.0	885.0	708.0
PI734A 3	1350.0	1080.0	1315.0	1052.0	1260.0	1008.0	1175.0	940.0	1085.0	868.0
PI734B 3	1500.0	1200.0	1500.0	1200.0	1400.0	1120.0	1305.0	1044.0	1205.0	964.0
PI734C 3	1660.0	1328.0	1650.0	1320.0	1550.0	1240.0	1445.0	1156.0	1335.0	1068.0
PI734D 3	1770.0	1416.0	1720.0	1376.0	1650.0	1320.0	1540.0	1232.0	1420.0	1136.0
PI734E 3	2035.0	1628.0	1980.0	1584.0	1900.0	1520.0	1770.0	1416.0	1635.0	1308.0
PI734F 3	2250.0	1800.0	2170.0	1736.0	2080.0	1664.0	1935.0	1548.0	1790.0	1432.0
PI734G 3	2360.0	1888.0	2295.0	1836.0	2200.0	1760.0	2050.0	1640.0	1895.0	1516.0
PI734H 3	2600.0	2080.0	2500.0	2000.0	2325.0	1860.0	2150.0	1720.0	1900.0	1520.0
P80 LVSI804R 3	2650.0	2120.0	2575.0	2060.0	2410.0	1928.0	2210.0	1768.0	1930.0	1544.0
P80 LVSI804S 3	3070.0	2456.0	2985.0	2388.0	2790.0	2232.0	2560.0	2048.0	2240.0	1792.0
P80 LVSI804T 3	3350.0	2680.0	3260.0	2608.0	3050.0	2440.0	2800.0	2240.0	2450.0	1960.0
P80 LVSI804W 3	3910.0	3128.0	3800.0	3040.0	3555.0	2844.0	3322.0	2657.6	2887.0	2309.6
P80 LVSI804X 3	4300.0	3440.0	4180.0	3344.0	3911.0	3128.8	3655.0	2924.0	3177.0	2541.6

* New S4 dedicated range with higher output ratings, single bearing with SAE1 & SAE0.5

1. Available with single bearing only
2. Auxiliary winding option available (winding 711)
3. Star connection only



4 POLE Three Phase



Star
Parallel Star
Delta

440V
220V
254V

50Hz/1500rpm
0.8 Power Factor

1 of 2

Winding 311/312/12	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI044D	7.8	6.2	7.7	6.2	7.1	5.7	6.5	5.2	5.7	4.6
PI044E	10.5	8.4	10.3	8.2	9.5	7.6	8.6	6.9	7.6	6.1
PI044F	13.1	10.5	12.8	10.2	11.9	9.5	10.8	8.6	9.5	7.6
PI044G	15.7	12.6	15.4	12.3	14.3	11.4	13.0	10.4	11.4	9.1
PI044H	18.3	14.6	18.0	14.4	16.6	13.3	15.2	12.2	13.3	10.6
PI144D	20.9	16.7	20.4	16.3	19.0	15.2	17.3	13.8	15.2	12.2
PI144E	26.1	20.9	25.6	20.5	23.8	19.0	21.6	17.3	19.0	15.2
PI144F	28.7	23.0	28.1	22.5	26.1	20.9	23.8	19.0	20.9	16.7
PI144G	31.4	25.1	30.6	24.5	28.5	22.8	26.1	20.9	22.8	18.2
UCI224C	33.0	26.4	31.7	25.4	30.0	24.0	27.0	21.6	24.0	19.2
PI144H	36.6	29.3	35.6	28.5	33.3	26.6	30.4	24.3	26.6	21.3
UCI224D	41.2	33.0	39.1	31.3	37.5	30.0	33.6	26.9	30.5	24.4
PI144J	42.8	34.2	41.8	33.4	38.0	30.4	34.7	27.8	30.4	24.3
PI144K	44.5	35.6	42.8	34.2	40.4	32.3	35.6	28.5	31.3	25.0
UCI224E	47.3	37.8	45.8	36.6	45.0	36.0	40.3	32.2	35.7	28.6
UCI224F	60.5	48.4	58.0	46.4	55.0	44.0	48.7	39.0	42.0	33.6
UCI224G	80.1	64.1	76.9	61.5	75.0	60.0	67.4	53.9	59.3	47.4
S4L1S-C	275.0	220.0	270.0	216.0	250.0	200.0	230.0	184.0	200.0	160.0
S4L1D-C *	275.0	220.0	270.0	216.0	250.0	200.0	230.0	184.0	200.0	160.0
S4L1S-D	320.0	256.0	310.0	248.0	290.0	232.0	270.0	216.0	230.0	184.0
S4L1D-D *	320.0	256.0	310.0	248.0	290.0	232.0	270.0	216.0	230.0	184.0
S4L1S-E	380.0	304.0	370.0	296.0	350.0	280.0	320.0	256.0	275.0	220.0
S4L1D-E *	380.0	304.0	370.0	296.0	350.0	280.0	320.0	256.0	275.0	220.0
S4L1S-F	440.0	352.0	430.0	344.0	400.0	320.0	370.0	296.0	320.0	256.0
S4L1D-F *	440.0	352.0	430.0	344.0	400.0	320.0	370.0	296.0	320.0	256.0
S4L1D-G *	475.0	380.0	455.0	364.0	430.0	344.0	390.0	312.0	345.0	276.0
HCI544C	495.0	396.0	478.0	382.4	450.0	360.0	400.0	320.0	350.0	280.0
HCI544D	530.0	424.0	515.0	412.0	500.0	400.0	450.0	360.0	390.0	312.0
HC534E	660.0	528.0	636.0	508.8	600.0	480.0	550.0	440.0	480.0	384.0
HCI544F	715.0	572.0	690.0	552.0	650.0	520.0	600.0	480.0	520.0	416.0

* New S4 dedicated range with higher output ratings, single bearing with SAE1 & SAE0.5



4 POLE Three Phase



Star 440V
Parallel Star 220V
Delta 254V

50Hz/1500rpm
0.8 Power Factor

2 of 2

Winding 311/312/12	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
HCI634G	850.0	680.0	820.0	656.0	800.0	640.0	750.0	600.0	650.0	520.0
HCI634H	960.0	768.0	920.0	736.0	875.0	700.0	800.0	640.0	738.0	590.4
HCI634J	1100.0	880.0	1060.0	848.0	1010.0	808.0	900.0	720.0	800.0	640.0
HCI634K	1220.0	976.0	1180.0	944.0	1110.0	888.0	1000.0	800.0	885.0	708.0
PI734A 3	1325.0	1060.0	1290.0	1032.0	1235.0	988.0	1150.0	920.0	1065.0	852.0
PI734B 3	1470.0	1176.0	1430.0	1144.0	1375.0	1100.0	1280.0	1024.0	1180.0	944.0
PI734C 3	1630.0	1304.0	1590.0	1272.0	1520.0	1216.0	1415.0	1132.0	1310.0	1048.0
PI734D 3	1735.0	1388.0	1685.0	1348.0	1620.0	1296.0	1505.0	1204.0	1400.0	1120.0
PI734E 3	1995.0	1596.0	1940.0	1552.0	1865.0	1492.0	1735.0	1388.0	1615.0	1292.0
PI734F 3	2185.0	1748.0	2125.0	1700.0	2040.0	1632.0	1900.0	1520.0	1755.0	1404.0
PI734G 3	2310.0	1848.0	2250.0	1800.0	2160.0	1728.0	2005.0	1604.0	1855.0	1484.0
P80 LVSI804R 3	2490.0	1992.0	2420.0	1936.0	2265.0	1812.0	2075.0	1660.0	1815.0	1452.0
PI734H 3	2600.0	2080.0	2500.0	2000.0	2325.0	1860.0	2150.0	1720.0	1900.0	1520.0
P80 LVSI804S 3	2885.0	2308.0	2805.0	2244.0	2620.0	2096.0	2405.0	1924.0	2105.0	1684.0
P80 LVSI804T 3	3150.0	2520.0	3065.0	2452.0	2865.0	2292.0	2630.0	2104.0	2300.0	1840.0
P80 LVSI804W 3	3675.0	2940.0	3570.0	2856.0	3340.0	2672.0	3122.0	2497.6	2715.0	2172.0
P80 LVSI804X 3	4040.0	3232.0	3970.0	3176.0	3675.0	2940.0	3435.0	2748.0	2980.0	2384.0

* New S4 dedicated range with higher output ratings, single bearing with SAE1 & SAE0.5



4 POLE Three Phase



Star 660V-690V
Parallel Star 330V-345V
Delta 380V-400V

50Hz/1500rpm
0.8 Power Factor

Winding 25/26/65	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
UCI224C	41.0	32.8	39.5	31.6	37.5	30.0	34.5	27.6	30.0	24.0
UCI224D	55.0	44.0	53.0	42.4	50.0	40.0	45.0	36.0	40.0	32.0
UCI224F	71.5	57.2	69.0	55.2	65.0	52.0	60.0	48.0	52.0	41.6
UCI224G	85.0	68.0	82.0	65.6	80.0	64.0	73.5	58.8	64.0	51.2
UCI274C	110.0	88.0	106.0	84.8	100.0	80.0	84.0	67.2	75.0	60.0
UCI274D	125.0	100.0	121.0	96.8	114.0	91.2	100.0	80.0	90.0	72.0
UCI274E	150.0	120.0	145.0	116.0	140.0	112.0	125.0	100.0	112.5	90.0
UCI274F	175.0	140.0	170.0	136.0	160.0	128.0	145.0	116.0	126.0	100.8
UCI274G	189.0	151.2	182.0	145.6	175.0	140.0	160.0	128.0	138.8	111.0
UCI274H	220.0	176.0	212.0	169.6	200.0	160.0	182.0	145.6	158.0	126.4
S4L1S-C	275.0	220.0	270.0	216.0	250.0	200.0	230.0	184.0	200.0	160.0
S4L1S-D	330.0	264.0	320.0	256.0	300.0	240.0	280.0	224.0	240.0	192.0
S4L1S-E	370.0	296.0	355.0	284.0	340.0	272.0	310.0	248.0	265.0	212.0
S4L1S-F	440.0	352.0	430.0	344.0	400.0	320.0	370.0	296.0	320.0	256.0
HCI544C	468.0	374.4	450.0	360.0	425.0	340.0	375.0	300.0	325.0	260.0
HCI544D	530.0	424.0	515.0	412.0	500.0	400.0	450.0	360.0	390.0	312.0
HCI544E	610.0	488.0	590.0	472.0	560.0	448.0	510.0	408.0	445.0	356.0
HCI544F	738.0	590.4	710.0	568.0	670.0	536.0	620.0	496.0	540.0	432.0
HCI634G *	850.0	680.0	820.0	656.0	800.0	640.0	750.0	600.0	650.0	520.0
HCI634H *	990.0	792.0	950.0	760.0	900.0	720.0	820.0	656.0	730.0	584.0
HCI634J *	1100.0	880.0	1060.0	848.0	1000.0	800.0	900.0	720.0	800.0	640.0
HCI634K *	1150.0	920.0	1115.0	892.0	1050.0	840.0	945.0	756.0	820.0	656.0
PI734A 3	1350.0	1080.0	1315.0	1052.0	1260.0	1008.0	1175.0	940.0	1085.0	868.0
PI734B 3	1500.0	1200.0	1460.0	1168.0	1400.0	1120.0	1305.0	1044.0	1205.0	964.0
PI734C 3	1620.0	1296.0	1575.0	1260.0	1510.0	1208.0	1405.0	1124.0	1300.0	1040.0
PI734D 3	1770.0	1416.0	1720.0	1376.0	1650.0	1320.0	1535.0	1228.0	1420.0	1136.0
PI734E 3	1895.0	1516.0	1845.0	1476.0	1770.0	1416.0	1645.0	1316.0	1520.0	1216.0
PI734F 3	2230.0	1784.0	2170.0	1736.0	2080.0	1664.0	1935.0	1548.0	1790.0	1432.0
PI734G 3	2295.0	1836.0	2200.0	1760.0	2150.0	1720.0	2000.0	1600.0	1835.0	1468.0
P80 LVSI804T 3	3108.0	2486.4	3025.0	2420.0	2830.0	2264.0	2560.0	2048.0	2170.0	1736.0
P80 LVSI804W 3	3650.0	2920.0	3550.0	2840.0	3320.0	2656.0	3020.0	2416.0	2560.0	2048.0
P80 LVSI804Y 3	4172.0	3337.6	4065.0	3252.0	3800.0	3040.0	3535.0	2828.0	3080.0	2464.0

* Parallel star connection not available
3 Star connection only



4 POLE Three Phase



Star
Parallel Star
Delta

380V
190V
220V

60Hz/1800rpm
0.8 Power Factor

1 of 2

Winding 13/14	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI044D	10.2	8.2	9.9	7.9	9.4	7.5	8.5	6.8	7.5	6.0
PI044E	13.6	10.9	13.1	10.5	12.5	10.0	11.3	9.0	10.0	8.0
PI044F	16.4	13.1	15.8	12.6	15.0	12.0	13.5	10.8	12.0	9.6
PI044G	20.5	16.4	19.7	15.8	18.8	15.0	16.9	13.5	15.0	12.0
PI044H	22.9	18.3	22.1	17.7	21.0	16.8	18.9	15.1	16.8	13.4
PI144D	27.3	21.8	26.3	21.0	25.0	20.0	22.5	18.0	20.0	16.0
PI144E	32.7	26.2	31.5	25.2	30.0	24.0	27.0	21.6	24.0	19.2
PI144F	36.0	28.8	34.7	27.8	33.0	26.4	29.7	23.8	26.4	21.1
PI144G	40.9	32.7	39.4	31.5	37.5	30.0	33.8	27.0	30.0	24.0
PI144H	47.7	38.2	46.0	36.8	43.8	35.0	39.4	31.5	35.0	28.0
PI144J	51.8	41.4	49.9	39.9	47.5	38.0	42.8	34.2	38.0	30.4
PI144K	60.0	48.0	57.8	46.2	55.0	44.0	49.5	39.6	44.0	35.2
UCI224C	60.0	48.0	58.1	46.5	55.0	44.0	48.0	38.4	42.0	33.6
UCI224D	66.3	53.0	65.0	52.0	62.5	50.0	56.0	44.8	48.5	38.8
UCI224E	75.0	60.0	73.8	59.0	70.0	56.0	65.0	52.0	55.0	44.0
UCI224F	92.0	73.6	89.4	71.5	85.0	68.0	75.0	60.0	65.0	52.0
UCI224G	106.3	85.0	102.5	82.0	100.0	80.0	93.8	75.0	81.3	65.0
UCI274C	132.0	105.6	127.0	101.6	120.0	96.0	110.0	88.0	95.0	76.0
UCI274D	142.5	114.0	137.5	110.0	131.3	105.0	120.0	96.0	100.0	80.0
UCI274E	175.0	140.0	170.0	136.0	160.0	128.0	140.0	112.0	120.0	96.0
UCI274F	190.0	152.0	186.0	148.8	180.0	144.0	160.0	128.0	137.5	110.0
UCI274G	212.5	170.0	207.5	166.0	200.0	160.0	187.5	150.0	162.5	130.0
UCI274H	256.3	205.0	250.0	200.0	237.5	190.0	218.8	175.0	187.5	150.0
UCDI274J	325.0	260.0	319.0	255.2	300.0	240.0	275.0	220.0	240.0	192.0
S4L1S-C	330.0	264.0	320.0	256.0	300.0	240.0	275.0	220.0	240.0	192.0
S4L1S-D	385.0	308.0	375.0	300.0	350.0	280.0	315.0	252.0	270.0	216.0
HCI544C	540.0	432.0	520.0	416.0	500.0	400.0	460.0	368.0	400.0	320.0
S4L1S-F	550.0	440.0	535.0	428.0	500.0	400.0	465.0	372.0	400.0	320.0
HCI544D	673.0	538.4	655.0	524.0	625.0	500.0	563.0	450.4	495.0	396.0
HCI544E	730.0	584.0	710.0	568.0	675.0	540.0	620.0	496.0	535.0	428.0
HCI544F	906.0	724.8	875.0	700.0	825.0	660.0	750.0	600.0	660.0	528.0



4 POLE Three Phase



Star 380V
Parallel Star 190V
Delta 220V

60Hz/1800rpm
0.8 Power Factor

2 of 2

Winding 13/14	Model	TEMPERATURE RISE									
		Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
		kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
HCI634G	*	950.0	760.0	913.0	730.4	875.0	700.0	813.0	650.4	710.0	568.0
HCI634H	*	1080.0	864.0	1050.0	840.0	1000.0	800.0	910.0	728.0	790.0	632.0
HCI634J	*	1350.0	1080.0	1300.0	1040.0	1250.0	1000.0	1150.0	920.0	1000.0	800.0
HCI634K	*	1500.0	1200.0	1455.0	1164.0	1375.0	1100.0	1260.0	1008.0	1090.0	872.0
PI734A	3	1505.0	1204.0	1460.0	1168.0	1405.0	1124.0	1310.0	1048.0	1210.0	968.0
PI734B	3	1670.0	1336.0	1625.0	1300.0	1560.0	1248.0	1455.0	1164.0	1345.0	1076.0
PI734C	3	1895.0	1516.0	1845.0	1476.0	1770.0	1416.0	1650.0	1320.0	1525.0	1220.0
PI734D	3	2050.0	1640.0	1995.0	1596.0	1915.0	1532.0	1785.0	1428.0	1650.0	1320.0
PI734F	3	2680.0	2144.0	2605.0	2084.0	2505.0	2004.0	2330.0	1864.0	2155.0	1724.0
P80 LVSI804R	3	3105.0	2484.0	3015.0	2412.0	2825.0	2260.0	2590.0	2072.0	2260.0	1808.0
P80 LVSI804S	3	3570.0	2856.0	3470.0	2776.0	3250.0	2600.0	2975.0	2380.0	2630.0	2104.0
P80 LVSI804T	3	3740.0	2992.0	3630.0	2904.0	3400.0	2720.0	3130.0	2504.0	2750.0	2200.0
P80 LVSI804W	3	4120.0	3296.0	4000.0	3200.0	3750.0	3000.0	3450.0	2760.0	3030.0	2424.0



4 POLE Three Phase



Star 416V
Parallel Star 208V
Delta 240V

60Hz/1800rpm
0.8 Power Factor

1 of 2

Winding 311/312/12	Model	TEMPERATURE RISE									
		Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
		kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
S0L1-D	1	8.7	7.0	8.5	6.8	7.9	6.3	7.2	5.8	6.3	5.0
PI044D		9.1	7.3	8.9	7.1	8.3	6.6	7.5	6.0	6.6	5.3
S0L1-H	1	11.6	9.3	11.3	9.0	10.6	8.5	9.6	7.7	8.4	6.7
PI044E		12.1	9.7	11.9	9.5	11.0	8.8	10.0	8.0	8.8	7.0
S0L1-L	1	14.5	11.6	14.1	11.3	13.2	10.6	12.0	9.6	10.6	8.5
PI044F		15.1	12.1	14.9	11.9	13.8	11.0	12.5	10.0	11.0	8.8
S0L1-P	1	17.4	13.9	16.9	13.5	15.8	12.6	14.4	11.5	12.7	10.2
PI044G		18.2	14.6	17.8	14.2	16.5	13.2	15.1	12.1	13.2	10.6
S0L2-F	1, 2	20.3	16.2	19.8	15.8	18.5	14.8	16.8	13.4	14.8	11.8
PI044H		21.2	17.0	20.8	16.6	19.3	15.4	17.6	14.1	15.4	12.3
S0L2-G	1, 2	23.2	18.6	22.6	18.1	21.1	16.9	19.2	15.4	16.9	13.5
PI144D		24.2	19.4	23.7	19.0	22.0	17.6	20.0	16.0	17.6	14.1
S0L2-M	1, 2	29.0	23.2	28.2	22.6	26.4	21.1	24.0	19.2	21.1	16.9
PI144E		30.3	24.2	29.6	23.7	27.5	22.0	25.0	20.0	22.0	17.6
PI144F		33.3	26.6	32.6	26.1	30.3	24.2	27.5	22.0	24.2	19.4
S0L2-P	1, 2	34.8	27.8	33.9	27.1	31.7	25.4	28.8	23.0	25.3	20.2
PI144G		36.3	29.0	35.5	28.4	33.0	26.4	30.3	24.2	26.4	21.1
S1L2-J	1, 2	40.7	32.6	39.5	31.6	37.0	29.6	33.6	26.9	29.6	23.7
PI144H		42.4	33.9	41.3	33.0	38.5	30.8	35.2	28.2	30.8	24.6
S1L2-K	1, 2	46.5	37.2	45.2	36.2	42.2	33.8	38.4	30.7	N/A	N/A
PI144J		49.5	39.6	48.4	38.7	44.0	35.2	40.2	32.2	35.2	28.2
S1L2-N	1, 2	52.3	41.8	50.8	40.6	47.5	38.0	43.2	34.6	38.0	30.4
PI144K		55.0	44.0	53.1	42.5	50.0	40.0	45.0	36.0	39.5	31.6
UCI224C		55.0	44.0	53.1	42.5	50.0	40.0	45.0	36.0	38.8	31.0
S1L2-R	1, 2	58.1	46.5	56.5	45.2	52.8	42.2	48.0	38.4	42.2	33.8
UCI224D		65.0	52.0	62.5	50.0	60.0	48.0	52.5	42.0	45.5	36.4
S1L2-Y	1, 2	72.6	58.1	70.6	56.5	66.0	52.8	60.1	48.1	52.8	42.2
UCI224E		72.5	58.0	70.0	56.0	67.5	54.0	62.5	50.0	53.1	42.5
UCI224F		91.9	73.5	88.8	71.0	83.8	67.0	75.0	60.0	65.3	52.2
UCI224G		101.3	81.0	98.1	78.5	93.8	75.0	87.5	70.0	75.0	60.0
UCI274C		120.0	96.0	116.3	93.0	112.5	90.0	97.5	78.0	84.4	67.5
UCI274D		142.5	114.0	137.5	110.0	131.3	105.0	120.0	96.0	100.0	80.0
UCI274E		175.0	140.0	170.0	136.0	160.0	128.0	140.0	112.0	120.0	96.0
UCI274F		192.5	154.0	187.5	150.0	181.3	145.0	162.5	130.0	140.0	112.0

1. Available with single bearing only

2. Auxiliary winding option available (winding 711)

3. Star connection only



4 POLE Three Phase



Star 416V
Parallel Star 208V
Delta 240V

60Hz/1800rpm
0.8 Power Factor

2 of 2

Winding 311/312/12	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
UCI274G	218.5	174.8	213.0	170.4	205.0	164.0	192.8	154.2	167.0	133.6
UCI274H	256.3	205.0	250.0	200.0	237.5	190.0	218.8	175.0	187.5	150.0
UCDI274J	294.0	235.2	288.0	230.4	269.0	215.2	250.0	200.0	213.0	170.4
S4L1S-C	310.0	248.0	300.0	240.0	288.0	230.4	260.0	208.0	230.0	184.0
S4L1D-C *	310.0	248.0	300.0	240.0	288.0	230.4	260.0	208.0	230.0	184.0
UCDI274K	312.0	249.6	304.0	243.2	291.0	232.8	267.0	213.6	233.0	186.4
S4L1S-D	375.0	300.0	365.0	292.0	344.0	275.2	315.0	252.0	275.0	220.0
S4L1D-D *	375.0	300.0	365.0	292.0	344.0	275.2	315.0	252.0	275.0	220.0
S4L1S-E	435.0	348.0	420.0	336.0	400.0	320.0	365.0	292.0	315.0	252.0
S4L1D-E *	435.0	348.0	420.0	336.0	400.0	320.0	365.0	292.0	315.0	252.0
S4L1S-F	500.0	400.0	485.0	388.0	455.0	364.0	420.0	336.0	365.0	292.0
S4L1D-F *	500.0	400.0	485.0	388.0	455.0	364.0	420.0	336.0	365.0	292.0
S4L1D-G *	565.0	452.0	535.0	428.0	500.0	400.0	455.0	364.0	400.0	320.0
HCI544C	569.0	455.2	550.0	440.0	525.0	420.0	481.0	384.8	420.0	336.0
HCI544D	606.0	484.8	588.0	470.4	575.0	460.0	519.0	415.2	450.0	360.0
HCI544E	738.0	590.4	719.0	575.2	681.0	544.8	625.0	500.0	550.0	440.0
HCI544F	806.0	644.8	781.0	624.8	738.0	590.4	688.0	550.4	605.0	484.0
HCI634G	950.0	760.0	913.0	730.4	875.0	700.0	813.0	650.4	710.0	568.0
HCI634H	1125.0	900.0	1088.0	870.4	1025.0	820.0	913.0	730.4	790.0	632.0
HCI634J	1250.0	1000.0	1206.0	964.8	1150.0	920.0	1063.0	850.4	925.0	740.0
HCI634K	1400.0	1120.0	1350.0	1080.0	1275.0	1020.0	1188.0	950.4	1030.0	824.0
PI734A 3	1465.0	1172.0	1425.0	1140.0	1375.0	1100.0	1275.0	1020.0	1180.0	944.0
PI734B 3	1630.0	1304.0	1590.0	1272.0	1525.0	1220.0	1415.0	1132.0	1310.0	1048.0
PI734C 3	1820.0	1456.0	1770.0	1416.0	1705.0	1364.0	1590.0	1272.0	1465.0	1172.0
PI734D 3	1940.0	1552.0	1890.0	1512.0	1815.0	1452.0	1690.0	1352.0	1565.0	1252.0
PI734E 3	2215.0	1772.0	2155.0	1724.0	2070.0	1656.0	1935.0	1548.0	1780.0	1424.0
PI734F 3	2505.0	2004.0	2435.0	1948.0	2345.0	1876.0	2190.0	1752.0	2015.0	1612.0
PI734G 3	2590.0	2072.0	2515.0	2012.0	2420.0	1936.0	2255.0	1804.0	2080.0	1664.0
PI734H 3	2740.0	2192.0	2640.0	2112.0	2500.0	2000.0	2320.0	1856.0	2050.0	1640.0
P80 LVSI804R 3	2860.0	2288.0	2780.0	2224.0	2600.0	2080.0	2385.0	1908.0	2080.0	1664.0
P80 LVSI804S 3	3195.0	2556.0	3105.0	2484.0	2900.0	2320.0	2665.0	2132.0	2325.0	1860.0
P80 LVSI804T 3	3490.0	2792.0	3390.0	2712.0	3170.0	2536.0	2910.0	2328.0	2600.0	2080.0
P80 LVSI804W 3	3940.0	3152.0	3841.0	3072.8	3590.0	2872.0	3350.0	2680.0	2915.0	2332.0
P80 LVSI804X 3	4300.0	3440.0	4130.0	3304.0	3870.0	3096.0	3615.0	2892.0	3140.0	2512.0

* New S4 dedicated range with higher output ratings, single bearing with SAE1 & SAE0.5



4 POLE Three Phase



Star 440V
Parallel Star 220V
Delta 254V

60Hz/1800rpm
0.8 Power Factor

1 of 2

Winding 311/312/12	Model	TEMPERATURE RISE									
		Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
		kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
S0L1-D	1	9.2	7.4	9.0	7.2	8.4	6.7	7.6	6.1	6.7	5.4
PI044D		9.7	7.8	9.5	7.6	8.8	7.0	8.0	6.4	7.1	5.7
S0L1-H	1	12.3	9.8	12.0	9.6	11.2	9.0	10.2	8.2	9.0	7.2
PI044E		12.9	10.3	12.7	10.2	11.8	9.4	10.7	8.6	9.4	7.5
S0L1-L	1	15.4	12.3	15.0	12.0	14.0	11.2	12.7	10.2	11.2	9.0
PI044F		16.2	13.0	15.9	12.7	14.7	11.8	13.4	10.7	11.8	9.4
S0L1-P	1,2	18.5	14.8	18.0	14.4	16.8	13.4	15.3	12.2	13.4	10.7
PI044G		19.4	15.5	19.0	15.2	17.6	14.1	16.1	12.9	14.1	11.3
S0L2-F	1,2	21.5	17.2	21.0	16.8	19.6	15.7	17.8	14.2	15.7	12.6
PI044H		22.6	18.1	22.2	17.8	20.6	16.5	18.8	15.0	16.5	13.2
S0L2-G	1,2	24.6	19.7	24.0	19.2	22.4	17.9	20.4	16.3	17.9	14.3
PI144D		25.9	20.7	25.3	20.2	23.5	18.8	21.4	17.1	18.8	15.0
S0L2-M	1,2	30.8	24.6	29.9	23.9	28.0	22.4	25.5	20.4	22.4	17.9
PI144E		32.3	25.8	31.6	25.3	30.0	24.0	26.7	21.4	23.5	18.8
PI144F		35.5	28.4	34.8	27.8	32.3	25.8	29.4	23.5	25.9	20.7
S0L2-P	1,2	36.9	29.5	35.9	28.7	33.6	26.9	30.6	24.5	26.9	21.5
PI144G		38.8	31.0	37.9	30.3	35.3	28.2	32.3	25.8	28.2	22.6
S1L2-J	1,2	43.1	34.5	41.9	33.5	39.2	31.4	35.7	28.6	31.3	25.0
PI144H		45.2	36.2	44.1	35.3	41.1	32.9	37.6	30.1	32.9	26.3
S1L2-K	1,2	49.3	39.4	47.9	38.3	44.8	35.8	40.7	32.6	35.8	28.6
S1L2-L	1,2	49.3	39.4	47.9	38.3	44.8	35.8	40.7	32.6	35.8	28.6
PI144J		52.9	42.3	51.7	41.4	47.0	37.6	42.9	34.3	37.6	30.1
S1L2-M	1,2	55.4	44.3	53.9	43.1	50.4	40.3	45.8	36.6	40.3	32.2
S1L2-N	1,2	55.4	44.3	53.9	43.1	50.4	40.3	45.8	36.6	40.3	32.2
PI144K		56.3	45.0	55.0	44.0	52.5	42.0	46.3	37.0	40.6	32.5
UCI224C		56.3	45.0	55.0	44.0	52.5	42.0	46.3	37.0	40.0	32.0
S1L2-R	1,2	61.0	48.8	59.3	47.4	55.4	44.3	50.5	40.4	44.4	35.5
UCI224D		66.3	53.0	65.0	52.0	62.5	50.0	55.0	44.0	47.5	38.0
S1L2-Y	1,2	76.2	61.0	74.2	59.4	69.3	55.4	63.1	50.5	55.4	44.3
UCI224E		75.0	60.0	73.8	59.0	70.0	56.0	65.0	52.0	55.0	44.0
UCI224F		95.0	76.0	92.5	74.0	87.5	70.0	78.1	62.5	68.0	54.4
UCI224G		106.3	85.0	102.5	82.0	97.5	78.0	90.0	72.0	77.5	62.0
UCI274C		127.5	102.0	125.0	100.0	117.5	94.0	106.3	85.0	92.5	74.0
UCI274D		150.0	120.0	145.0	116.0	137.5	110.0	125.0	100.0	108.8	87.0
UCI274E		181.3	145.0	175.0	140.0	167.5	134.0	143.8	115.0	122.5	98.0
UCI274F		206.3	165.0	200.0	160.0	190.0	152.0	172.5	138.0	150.0	120.0
UCI274G		234.0	187.2	228.8	183.0	218.5	174.8	199.0	159.2	173.6	138.9

1. Available with single bearing only
2. Auxiliary winding option available (winding 711)
3. Star connection only



4 POLE Three Phase



Star 440V
Parallel Star 220V
Delta 254V

60Hz/1800rpm
0.8 Power Factor

2 of 2

Winding 311/312/12	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
UCI274H	265.0	212.0	258.8	207.0	245.0	196.0	225.0	180.0	195.0	156.0
UCDI274J	306.0	244.8	300.0	240.0	281.0	224.8	264.0	211.2	219.0	175.2
UCDI274K	320.0	256.0	312.5	250.0	299.0	239.2	275.0	220.0	240.0	192.0
S4L1S-C	330.0	264.0	320.0	256.0	300.0	240.0	275.0	220.0	240.0	192.0
S4L1D-C *	345.0	276.0	330.0	264.0	310.0	248.0	280.0	224.0	245.0	196.0
S4L1S-D	395.0	316.0	385.0	308.0	360.0	288.0	335.0	268.0	290.0	232.0
S4L1D-D *	410.0	328.0	400.0	320.0	370.0	296.0	340.0	272.0	295.0	236.0
S4L1S-E	455.0	364.0	445.0	356.0	420.0	336.0	385.0	308.0	335.0	268.0
S4L1D-E *	470.0	376.0	460.0	368.0	435.0	348.0	395.0	316.0	345.0	276.0
S4L1S-F	530.0	424.0	515.0	412.0	480.0	384.0	445.0	356.0	385.0	308.0
S4L1D-F *	550.0	440.0	535.0	428.0	500.0	400.0	460.0	368.0	400.0	320.0
S4L1D-G *	600.0	480.0	575.0	460.0	535.0	428.0	485.0	388.0	425.0	340.0
HC544C	600.0	480.0	581.0	464.8	550.0	440.0	500.0	400.0	440.0	352.0
HC544D	644.0	515.2	625.0	500.0	594.0	475.2	538.0	430.4	470.0	376.0
HC544E	769.0	615.2	750.0	600.0	713.0	570.4	650.0	520.0	570.0	456.0
HC544F	844.0	675.2	819.0	655.2	775.0	620.0	719.0	575.2	632.0	505.6
HC634G	1000.0	800.0	969.0	775.2	925.0	740.0	844.0	675.2	735.0	588.0
HC634H	1163.0	930.4	1125.0	900.0	1063.0	850.4	963.0	770.4	850.0	680.0
HC634J	1300.0	1040.0	1250.0	1000.0	1200.0	960.0	1100.0	880.0	950.0	760.0
HC634K	1463.0	1170.4	1413.0	1130.4	1338.0	1070.4	1238.0	990.4	1075.0	860.0
PI734A 3	1605.0	1284.0	1560.0	1248.0	1500.0	1200.0	1395.0	1116.0	1290.0	1032.0
PI734B 3	1740.0	1392.0	1690.0	1352.0	1625.0	1300.0	1510.0	1208.0	1400.0	1120.0
PI734C 3	1945.0	1556.0	1890.0	1512.0	1815.0	1452.0	1690.0	1352.0	1565.0	1252.0
PI734D 3	2070.0	1656.0	2015.0	1612.0	1935.0	1548.0	1800.0	1440.0	1665.0	1332.0
PI734E 3	2365.0	1892.0	2300.0	1840.0	2210.0	1768.0	2055.0	1644.0	1900.0	1520.0
PI734F 3	2675.0	2140.0	2600.0	2080.0	2500.0	2000.0	2325.0	1860.0	2150.0	1720.0
PI734G 3	2715.0	2172.0	2635.0	2108.0	2535.0	2028.0	2360.0	1888.0	2180.0	1744.0
PI734H 3	2855.0	2284.0	2750.0	2200.0	2570.0	2056.0	2385.0	1908.0	2110.0	1688.0
P80 LVSI804R 3	3025.0	2420.0	2940.0	2352.0	2750.0	2200.0	2520.0	2016.0	2200.0	1760.0
P80 LVSI804S 3	3380.0	2704.0	3285.0	2628.0	3070.0	2456.0	2820.0	2256.0	2455.0	1964.0
P80 LVSI804T 3	3690.0	2952.0	3590.0	2872.0	3355.0	2684.0	3080.0	2464.0	2750.0	2200.0
P80 LVSI804W 3	4170.0	3336.0	4060.0	3248.0	3800.0	3040.0	3550.0	2840.0	3085.0	2468.0
P80 LVSI804X 3	4490.0	3592.0	4370.0	3496.0	4090.0	3272.0	3820.0	3056.0	3300.0	2640.0

* New S4 dedicated range with higher output ratings, single bearing with SAE1 & SAE0.5



4 POLE Three Phase



Star 460V
Parallel Star 230V
Delta 266V

60Hz/1800rpm
0.8 Power Factor

1 of 2

Winding 311/312/12	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI044D	10.0	8.0	9.8	7.8	9.1	7.3	8.2	6.6	7.3	5.8
PI044E	13.3	10.6	13.1	10.5	12.1	9.7	11.0	8.8	9.7	7.8
PI044F	16.7	13.4	16.4	13.1	15.2	12.2	13.8	11.0	12.1	9.7
PI044G	20.0	16.0	19.6	15.7	18.2	14.6	16.6	13.3	14.6	11.7
PI044H	23.3	18.6	22.9	18.3	21.2	17.0	19.4	15.5	17.0	13.6
PI144D	26.7	21.4	26.1	20.9	24.3	19.4	22.1	17.7	19.4	15.5
PI144E	33.3	26.6	32.6	26.1	30.3	24.2	27.6	22.1	24.3	19.4
PI144F	36.7	29.4	35.9	28.7	33.3	26.6	30.3	24.2	26.7	21.4
PI144G	40.0	32.0	39.1	31.3	36.4	29.1	33.3	26.6	29.1	23.3
PI144H	46.7	37.4	45.5	36.4	42.4	33.9	38.8	31.0	34.0	27.2
PI144J	54.6	43.7	53.4	42.7	48.5	38.8	44.3	35.4	38.8	31.0
PI144K	56.3	45.0	55.0	44.0	52.5	42.0	46.3	37.0	40.6	32.5
UCI22C	56.3	45.0	55.0	44.0	52.5	42.0	46.3	37.0	40.0	32.0
UCI22D	66.3	53.0	65.0	52.0	62.5	50.0	56.0	44.8	48.5	38.8
UCI22E	75.0	60.0	73.8	59.0	72.5	58.0	65.0	52.0	57.5	46.0
UCI22F	95.0	76.0	92.5	74.0	87.5	70.0	78.1	62.5	68.0	54.4
UCI22G	106.3	85.0	102.5	82.0	100.0	80.0	93.8	75.0	81.3	65.0
UCI27C	127.5	102.0	125.0	100.0	117.5	94.0	106.3	85.0	92.5	74.0
UCI27D	150.0	120.0	145.0	116.0	137.5	110.0	125.0	100.0	108.8	87.0
UCI27E	181.3	145.0	175.0	140.0	167.5	134.0	143.8	115.0	122.5	98.0
UCI27F	206.3	165.0	200.0	160.0	190.0	152.0	172.5	138.0	150.0	120.0
UCI27G	234.0	187.2	228.8	183.0	218.5	174.8	199.0	159.2	173.6	138.9
UCI27H	265.0	212.0	258.8	207.0	245.0	196.0	225.0	180.0	195.0	156.0
UCDI27J	319.0	255.2	313.0	250.4	294.0	235.2	275.0	220.0	231.0	184.8
UCDI27K	343.8	275.0	331.3	265.0	312.5	250.0	286.5	229.2	250.0	200.0
S4L1S-C	345.0	276.0	335.0	268.0	315.0	252.0	290.0	232.0	250.0	200.0
S4L1D-C *	345.0	276.0	335.0	268.0	315.0	252.0	290.0	232.0	250.0	200.0
S4L1S-D	415.0	332.0	400.0	320.0	375.0	300.0	345.0	276.0	300.0	240.0
S4L1D-D *	415.0	332.0	400.0	320.0	375.0	300.0	345.0	276.0	300.0	240.0
S4L1S-E	475.0	380.0	460.0	368.0	440.0	352.0	400.0	320.0	350.0	280.0

* New S4 dedicated range with higher output ratings, single bearing with SAE1 & SAE0.5



4 POLE Three Phase



Star 460V
Parallel Star 230V
Delta 266V

60Hz/1800rpm
0.8 Power Factor

2 of 2

Winding 311/312/12	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
S4L1D-E *	475.0	380.0	460.0	368.0	440.0	352.0	400.0	320.0	350.0	280.0
S4L1S-F	550.0	440.0	535.0	428.0	500.0	400.0	465.0	372.0	400.0	320.0
S4L1D-F *	550.0	440.0	535.0	428.0	500.0	400.0	465.0	372.0	400.0	320.0
S4L1D-G *	600.0	480.0	575.0	460.0	540.0	432.0	490.0	392.0	430.0	344.0
HCI544C	631.0	504.8	613.0	490.4	581.0	464.8	531.0	424.8	465.0	372.0
HCI544D	673.0	538.4	655.0	524.0	625.0	500.0	563.0	450.4	495.0	396.0
HCI544E	798.0	638.4	780.0	624.0	731.0	584.8	663.0	530.4	580.0	464.0
HCI544F	878.0	702.4	848.0	678.4	800.0	640.0	731.0	584.8	642.0	513.6
HCI634G	1044.0	835.2	1008.0	806.4	963.0	770.4	888.0	710.4	765.0	612.0
HCI634H	1175.0	940.0	1138.0	910.4	1075.0	860.0	1000.0	800.0	875.0	700.0
HCI634J	1350.0	1080.0	1300.0	1040.0	1250.0	1000.0	1150.0	920.0	1000.0	800.0
HCI634K	1519.0	1215.2	1469.0	1175.2	1388.0	1110.4	1275.0	1020.0	1100.0	880.0
PI734A 3	1615.0	1292.0	1570.0	1256.0	1510.0	1208.0	1405.0	1124.0	1300.0	1040.0
PI734B 3	1775.0	1420.0	1725.0	1380.0	1655.0	1324.0	1540.0	1232.0	1425.0	1140.0
PI734C 3	1985.0	1588.0	1930.0	1544.0	1855.0	1484.0	1725.0	1380.0	1595.0	1276.0
PI734D 3	2115.0	1692.0	2055.0	1644.0	1975.0	1580.0	1840.0	1472.0	1700.0	1360.0
PI734E 3	2415.0	1932.0	2345.0	1876.0	2255.0	1804.0	2100.0	1680.0	1940.0	1552.0
PI734F 3	2730.0	2184.0	2650.0	2120.0	2550.0	2040.0	2370.0	1896.0	2195.0	1756.0
PI734G 3	2810.0	2248.0	2725.0	2180.0	2625.0	2100.0	2445.0	1956.0	2255.0	1804.0
PI734H 3	2935.0	2348.0	2850.0	2280.0	2640.0	2112.0	2450.0	1960.0	2170.0	1736.0
P80 LVSI804R 3	3163.0	2530.4	3066.0	2452.8	2875.0	2300.0	2635.0	2108.0	2300.0	1840.0
P80 LVSI804S 3	3531.0	2824.8	3436.0	2748.8	3210.0	2568.0	2948.0	2358.4	2569.0	2055.2
P80 LVSI804T 3	3857.0	3085.6	3753.0	3002.4	3508.0	2806.4	3220.0	2576.0	2875.0	2300.0
P80 LVSI804W 3	4360.0	3488.0	4245.0	3396.0	3969.0	3175.2	3710.0	2968.0	3224.0	2579.2
P80 LVSI804X 3	4696.0	3756.8	4571.0	3656.8	4278.0	3422.4	3998.0	3198.4	3474.0	2779.2

* New S4 dedicated range with higher output ratings, single bearing with SAE1 & SAE0.5



4 POLE Three Phase



Star 480V
Parallel Star 240V
Delta 277V

60Hz/1800rpm
0.8 Power Factor

1 of 2

Winding 311/312/12	Model	TEMPERATURE RISE									
		Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
		kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
S0L1-D	1	10.0	8.0	9.6	7.7	9.0	7.2	8.2	6.6	7.2	5.8
PI044D		10.3	8.2	10.1	8.1	9.4	7.5	8.5	6.8	7.5	6.0
PI044E		13.8	11.0	13.5	10.8	12.5	10.0	11.4	9.1	10.0	8.0
S0L1-H	1	13.2	10.6	12.8	10.2	13.0	10.4	10.9	8.7	9.6	7.7
S0L1-L	1	16.5	13.2	16.0	12.8	15.0	12.0	13.7	11.0	12.0	9.6
PI044F		17.2	13.8	16.9	13.5	15.6	12.5	14.3	11.4	12.5	10.0
S0L2-P	1	19.8	15.8	19.2	15.4	18.0	14.4	16.4	13.1	14.4	11.5
PI044G		20.6	16.5	20.3	16.2	18.8	15.0	17.1	13.7	15.0	12.0
S0L2-F	1.2	23.1	18.5	22.4	17.9	21.0	16.8	19.1	15.3	16.8	13.4
PI044H		24.1	19.3	23.6	18.9	21.9	17.5	20.0	16.0	17.5	14.0
S0L2-G	1.2	26.4	21.1	25.6	20.5	24.0	19.2	21.8	17.4	19.2	15.4
PI044D		27.5	22.0	26.9	21.5	25.0	20.0	22.8	18.2	20.0	16.0
S0L2-M	1.2	33.0	26.4	32.0	25.6	30.0	24.0	27.3	21.8	24.0	19.2
PI144E		34.4	27.5	33.6	26.9	31.3	25.0	28.4	22.7	25.0	20.0
PI144F		37.8	30.2	37.0	29.6	34.4	27.5	31.3	25.0	27.5	22.0
S0L2-P	1.2	39.6	31.7	38.4	30.7	36.0	28.8	32.8	26.2	28.8	23.0
PI144G		41.3	33.0	40.3	32.2	37.5	30.0	34.4	27.5	30.0	24.0
S1L2-J	1.2	46.2	37.0	45.0	36.0	42.0	33.6	38.2	30.6	33.6	26.9
PI144H		48.1	38.5	46.9	37.5	43.8	35.0	40.0	32.0	35.0	28.0
S1L2-K	1.2	52.8	42.2	51.2	41.0	48.0	38.4	43.7	35.0	38.4	30.7
PI144J		56.3	45.0	55.0	44.0	50.0	40.0	45.6	36.5	40.0	32.0
S1L2-N	1.2	59.4	47.5	57.6	46.1	54.0	43.2	49.1	39.3	43.2	34.6
PI144K		60.0	48.0	58.1	46.5	55.0	44.0	48.0	38.4	42.1	33.7
UCI224C		60.0	48.0	58.1	46.5	55.0	44.0	48.0	38.4	42.0	33.6
S1L2-R	1.2	66.0	52.8	64.0	51.2	60.0	48.0	54.6	43.7	48.0	38.4
UCI224D		71.3	57.0	68.8	55.0	65.0	52.0	58.0	46.4	50.0	40.0
S1L2-Y	1.2	82.5	66.0	80.0	64.0	75.0	60.0	68.2	54.6	60.0	48.0
UCI224E		80.0	64.0	78.8	63.0	75.0	60.0	68.0	54.4	60.0	48.0
UCI224F		102.5	82.0	100.0	80.0	93.8	75.0	82.5	66.0	71.8	57.4
UCI224G		113.8	91.0	110.0	88.0	103.8	83.0	95.0	76.0	82.5	66.0
UCI274C		137.5	110.0	132.5	106.0	125.0	100.0	112.5	90.0	97.5	78.0
UCI274D		158.8	127.0	156.3	125.0	146.3	117.0	131.3	105.0	110.0	88.0
UCI274E		193.8	155.0	187.5	150.0	178.8	143.0	160.0	128.0	138.0	110.4
UCI274F		218.8	175.0	212.5	170.0	206.3	165.0	187.5	150.0	160.0	128.0

1. Available with single bearing only
2. Auxiliary winding option available (winding 711)
3. Star connection only



4 POLE Three Phase



Star 480V
Parallel Star 240V
Delta 277V

60Hz/1800rpm
0.8 Power Factor

2 of 2

Winding 311/312/12	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
UCI274G	253.3	202.6	250.0	200.0	231.4	185.1	212.2	169.8	180.0	144.0
UCI274H	280.0	224.0	275.0	220.0	255.0	204.0	235.0	188.0	204.0	163.2
UCDI274J	325.0	260.0	319.0	255.2	300.0	240.0	275.0	220.0	235.0	188.0
UCDI274K	343.8	275.0	331.3	265.0	312.5	250.0	288.0	230.4	250.0	200.0
S4L1S-C	345.0	276.0	335.0	268.0	315.0	252.0	290.0	232.0	250.0	200.0
S4L1D-C *	355.0	284.0	350.0	280.0	325.0	260.0	295.0	236.0	260.0	208.0
S4L1S-D	415.0	332.0	400.0	320.0	375.0	300.0	345.0	276.0	300.0	240.0
S4L1D-D *	430.0	344.0	415.0	332.0	390.0	312.0	355.0	284.0	310.0	248.0
S4L1S-E	475.0	380.0	460.0	368.0	440.0	352.0	400.0	320.0	350.0	280.0
S4L1D-E *	490.0	392.0	475.0	380.0	455.0	364.0	410.0	328.0	360.0	288.0
S4L1S-F	550.0	440.0	535.0	428.0	500.0	400.0	465.0	372.0	400.0	320.0
S4L1D-F *	575.0	460.0	555.0	444.0	520.0	416.0	480.0	384.0	415.0	332.0
S4L1D-G *	625.0	500.0	600.0	480.0	560.0	448.0	510.0	408.0	445.0	356.0
HCI544C	644.0	515.2	625.0	500.0	594.0	475.2	538.0	430.4	470.0	376.0
HC534D	694.0	555.2	675.0	540.0	644.0	515.2	588.0	470.4	515.0	412.0
HC534E	819.0	655.2	800.0	640.0	750.0	600.0	675.0	540.0	594.0	475.2
HCI544F	906.0	724.8	875.0	700.0	825.0	660.0	750.0	600.0	660.0	528.0
HCI634G	1088.0	870.4	1046.0	836.8	1000.0	800.0	913.0	730.4	790.0	632.0
HCI634H	1219.0	975.2	1188.0	950.4	1125.0	900.0	1025.0	820.0	900.0	720.0
HCI634J	1400.0	1120.0	1350.0	1080.0	1300.0	1040.0	1188.0	950.4	1035.0	828.0
HCI634K	1575.0	1260.0	1525.0	1220.0	1438.0	1150.4	1313.0	1050.4	1125.0	900.0
PI734A 3	1630.0	1304.0	1585.0	1268.0	1525.0	1220.0	1415.0	1132.0	1310.0	1048.0
PI734B 3	1810.0	1448.0	1760.0	1408.0	1690.0	1352.0	1575.0	1260.0	1455.0	1164.0
PI734C 3	2025.0	1620.0	1970.0	1576.0	1890.0	1512.0	1760.0	1408.0	1625.0	1300.0
PI734D 3	2160.0	1728.0	2100.0	1680.0	2015.0	1612.0	1875.0	1500.0	1735.0	1388.0
PI734E 3	2465.0	1972.0	2395.0	1916.0	2300.0	1840.0	2140.0	1712.0	2000.0	1600.0
PI734F 3	2785.0	2228.0	2705.0	2164.0	2600.0	2080.0	2420.0	1936.0	2240.0	1792.0
PI734G 3	2945.0	2356.0	2860.0	2288.0	2750.0	2200.0	2560.0	2048.0	2365.0	1892.0
PI734H 3	3120.0	2496.0	3000.0	2400.0	2800.0	2240.0	2600.0	2080.0	2300.0	1840.0
P80 LVSI804R 3	3300.0	2640.0	3200.0	2560.0	3000.0	2400.0	2750.0	2200.0	2400.0	1920.0
P80 LVSI804S 3	3685.0	2948.0	3585.0	2868.0	3350.0	2680.0	3075.0	2460.0	2680.0	2144.0
P80 LVSI804T 3	4025.0	3220.0	3915.0	3132.0	3660.0	2928.0	3360.0	2688.0	3000.0	2400.0
P80 LVSI804W 3	4550.0	3640.0	4430.0	3544.0	4142.0	3313.6	3871.0	3096.8	3364.0	2691.2
P80 LVSI804X 3	4900.0	3920.0	4770.0	3816.0	4464.0	3571.2	4172.0	3337.6	3625.0	2900.0

* New S4 dedicated range with higher output ratings, single bearing with SAE1 & SAE0.5

1. Available with single bearing only
2. Auxiliary winding option available (winding 711)
3. Star connection only



4 POLE Three Phase



Star
Parallel Star
Delta

600V
300V
346V

60Hz/1800rpm
0.8 Power Factor

1 of 2

Winding 07/17	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI044D	10.2	8.2	9.9	7.9	9.4	7.5	8.5	6.8	7.5	6.0
PI044E	13.6	10.9	13.1	10.5	12.5	10.0	11.3	9.0	10.0	8.0
PI044F	17.0	13.6	16.4	13.1	15.6	12.5	14.0	11.2	12.5	10.0
PI044G	20.5	16.4	19.7	15.8	18.8	15.0	16.9	13.5	15.0	12.0
PI044H	23.9	19.1	23.0	18.4	21.9	17.5	19.7	15.8	17.5	14.0
PI144D	27.3	21.8	26.3	21.0	25.0	20.0	22.5	18.0	20.0	16.0
PI144E	34.1	27.3	32.9	26.3	31.3	25.0	28.2	22.6	25.0	20.0
PI144F	37.5	30.0	36.1	28.9	34.4	27.5	31.0	24.8	27.5	22.0
PI144G	40.9	32.7	39.4	31.5	37.5	30.0	33.8	27.0	30.0	24.0
PI144H	47.7	38.2	46.0	36.8	43.8	35.0	39.4	31.5	35.0	28.0
PI144J	54.5	43.6	52.5	42.0	50.0	40.0	45.0	36.0	40.0	32.0
PI144K	60.0	48.0	57.8	46.2	55.0	44.0	49.5	39.6	44.0	35.2
UCI22C	60.0	48.0	58.1	46.5	55.0	44.0	48.0	38.4	42.0	33.6
UCI224D	71.3	57.0	68.8	55.0	65.0	52.0	58.0	46.4	50.0	40.0
UCI224E	80.0	64.0	78.8	63.0	75.0	60.0	68.0	54.4	60.0	48.0
UCI224F	102.5	82.0	98.8	79.0	94.0	75.2	82.5	66.0	71.8	57.4
UCI224G	113.8	91.0	110.0	88.0	103.8	83.0	95.0	76.0	82.5	66.0
UCI274C	132.0	105.6	127.0	101.6	120.0	96.0	110.0	88.0	95.0	76.0
UCI274D	158.8	127.0	155.0	124.0	146.3	117.0	131.3	105.0	110.0	88.0
UCI274E	193.8	155.0	187.5	150.0	178.8	143.0	160.0	128.0	138.0	110.4
UCI274F	218.8	175.0	212.5	170.0	206.3	165.0	187.5	150.0	160.0	128.0
UCI274G	246.3	197.0	240.0	192.0	225.0	180.0	206.3	165.0	175.0	140.0
UCI274H	280.0	224.0	275.0	220.0	255.0	204.0	235.0	188.0	204.0	163.2
UCDI274J	334.0	267.2	328.0	262.4	305.0	244.0	281.0	224.8	244.0	195.2
S4L1S-C	345.0	276.0	335.0	268.0	315.0	252.0	290.0	232.0	250.0	200.0
S4L1S-D	415.0	332.0	400.0	320.0	375.0	300.0	345.0	276.0	300.0	240.0
S4L1S-E	475.0	380.0	460.0	368.0	440.0	352.0	400.0	320.0	350.0	280.0
S4L1S-F	550.0	440.0	535.0	428.0	500.0	400.0	465.0	372.0	400.0	320.0
HCI544C	615.0	492.0	595.0	476.0	563.0	450.4	515.0	412.0	448.0	358.4
HCI544D	694.0	555.2	675.0	540.0	644.0	515.2	588.0	470.4	515.0	412.0
HCI544E	790.0	632.0	770.0	616.0	725.0	580.0	658.0	526.4	570.0	456.0
HCI544F	906.0	724.8	875.0	700.0	825.0	660.0	750.0	600.0	660.0	528.0



4 POLE Three Phase



Star 480V
Parallel Star 240V
Delta 277V

60Hz/1800rpm
0.8 Power Factor

2 of 2

Winding 07/17	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
HCI634G *	1088.0	870.4	1046.0	836.8	1000.0	800.0	913.0	730.4	790.0	632.0
HCI634H *	1163.0	930.4	1125.0	900.0	1063.0	850.4	963.0	770.4	850.0	680.0
HCI634J *	1400.0	1120.0	1350.0	1080.0	1300.0	1040.0	1188.0	950.4	1035.0	828.0
HCI634K *	1575.0	1260.0	1525.0	1220.0	1438.0	1150.4	1313.0	1050.4	1125.0	900.0
PI734A 3	1630.0	1304.0	1585.0	1268.0	1525.0	1220.0	1415.0	1132.0	1310.0	1048.0
PI734B 3	1810.0	1448.0	1760.0	1408.0	1690.0	1352.0	1575.0	1260.0	1455.0	1164.0
PI734C 3	2025.0	1620.0	1970.0	1576.0	1890.0	1512.0	1760.0	1408.0	1625.0	1300.0
PI734D 3	2160.0	1728.0	2100.0	1680.0	2015.0	1612.0	1875.0	1500.0	1735.0	1388.0
PI734E 3	2465.0	1972.0	2395.0	1916.0	2300.0	1840.0	2140.0	1712.0	1980.0	1584.0
PI734F 3	2785.0	2228.0	2705.0	2164.0	2600.0	2080.0	2420.0	1936.0	2240.0	1792.0
PI734G 3	2945.0	2356.0	2860.0	2288.0	2750.0	2200.0	2560.0	2048.0	2365.0	1892.0
P80 LVSI804S 3	3420.0	2736.0	3325.0	2660.0	3110.0	2488.0	2820.0	2256.0	2370.0	1896.0
P80 LVSI804W 3	4550.0	3640.0	4430.0	3544.0	4142.0	3313.6	3871.0	3096.8	3364.0	2691.2
P80 LVSI804X 3	4900.0	3920.0	4770.0	3816.0	4464.0	3571.2	4172.0	3337.6	3625.0	2900.0



4 POLE Three Phase



Star 660V-690V
Parallel Star 330V-345V
Delta 380V-400V

60Hz/1800rpm
0.8 Power Factor

Winding 27/28	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
UCI274E	172.0	137.6	167.0	133.6	160.0	128.0	147.0	117.6	128.0	102.4
UCI274H	263.0	210.4	259.0	207.2	240.0	192.0	220.0	176.0	192.0	153.6
S4L1S-C	345.0	276.0	335.0	268.0	315.0	252.0	290.0	232.0	250.0	200.0
S4L1S-D	375.0	300.0	365.0	292.0	340.0	272.0	315.0	252.0	275.0	220.0
S4L1S-E	420.0	336.0	410.0	328.0	385.0	308.0	355.0	284.0	310.0	248.0
S4L1S-F	520.0	416.0	500.0	400.0	475.0	380.0	435.0	348.0	380.0	304.0
HCI544C	600.0	480.0	580.0	464.0	550.0	440.0	500.0	400.0	440.0	352.0
HCI544D	655.0	524.0	633.0	506.4	600.0	480.0	545.0	436.0	480.0	384.0
HCI544E	790.0	632.0	765.0	612.0	725.0	580.0	659.0	527.2	580.0	464.0
HCI544F	818.0	654.4	790.0	632.0	750.0	600.0	682.0	545.6	600.0	480.0
HCI634G *	1035.0	828.0	995.0	796.0	950.0	760.0	870.0	696.0	760.0	608.0
HCI634K *	1500.0	1200.0	1440.0	1152.0	1405.0	1124.0	1305.0	1044.0	1195.0	956.0
PI734A 3	1588.0	1270.4	1538.0	1230.4	1450.0	1160.0	1330.0	1064.0	1160.0	928.0
PI734B 3	1665.0	1332.0	1600.0	1280.0	1560.0	1248.0	1450.0	1160.0	1330.0	1064.0
PI734C 3	1960.0	1568.0	1880.0	1504.0	1840.0	1472.0	1710.0	1368.0	1570.0	1256.0
PI734D 3	2065.0	1652.0	1985.0	1588.0	1940.0	1552.0	1800.0	1440.0	1655.0	1324.0
PI734E 3	2185.0	1748.0	2100.0	1680.0	2050.0	1640.0	1910.0	1528.0	1750.0	1400.0
PI734F 3	2520.0	2016.0	2415.0	1932.0	2360.0	1888.0	2200.0	1760.0	2015.0	1612.0



6 POLE Three Phase



Star 380V-440V **50Hz/1000rpm**
Delta 220V-254V **0.8 Power Factor**

Winding 312	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
HCI636G	300.0	240.0	291.0	232.8	280.0	224.0	260.0	208.0	225.0	180.0
HCI636H	407.0	325.6	395.0	316.0	380.0	304.0	350.0	280.0	300.0	240.0
HCI636J	482.0	385.6	468.0	374.4	450.0	360.0	420.0	336.0	360.0	288.0
HCI636K	610.0	488.0	593.0	474.4	570.0	456.0	525.0	420.0	450.0	360.0
PI736B 3	750.0	600.0	730.0	584.0	700.0	560.0	650.0	520.0	565.0	452.0
PI736D 3	985.0	788.0	960.0	768.0	920.0	736.0	850.0	680.0	740.0	592.0
PI736F 3	1390.0	1112.0	1355.0	1084.0	1300.0	1040.0	1200.0	960.0	1040.0	832.0

Star 380V **60Hz/1200rpm**
Delta 220V **0.8 Power Factor**

Winding 312	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
HCI636G	321.0	256.8	312.0	249.6	300.0	240.0	275.0	220.0	235.0	188.0
HCI636H	428.0	342.4	416.0	332.8	400.0	320.0	370.0	296.0	310.0	248.0
HCI636J	513.0	410.4	499.0	399.2	480.0	384.0	450.0	360.0	390.0	312.0
HCI636K	652.0	521.6	634.0	507.2	610.0	488.0	565.0	452.0	480.0	384.0
PI736B 3	790.0	632.0	765.0	612.0	750.0	600.0	690.0	552.0	600.0	480.0
PI736D 3	1025.0	820.0	990.0	792.0	960.0	768.0	885.0	708.0	765.0	612.0
PI736F 3	1465.0	1172.0	1425.0	1140.0	1370.0	1096.0	1255.0	1004.0	1090.0	872.0



6 POLE Three Phase



Star 416V **60Hz/1200rpm**
Delta 240V **0.8 Power Factor**

Winding 312	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
HCI636G	354.0	283.2	344.0	275.2	331.0	264.8	306.0	244.8	260.0	208.0
HCI636H	482.0	385.6	468.0	374.4	450.0	360.0	413.0	330.4	350.0	280.0
HCI636J	568.0	454.4	552.0	441.6	531.0	424.8	500.0	400.0	430.0	344.0
HCI636K	722.0	577.6	702.0	561.6	675.0	540.0	625.0	500.0	535.0	428.0
PI736B 3	870.0	696.0	845.0	676.0	815.0	652.0	750.0	600.0	650.0	520.0
PI736D 3	1125.0	900.0	1095.0	876.0	1050.0	840.0	970.0	776.0	840.0	672.0
PI736F 3	1605.0	1284.0	1560.0	1248.0	1500.0	1200.0	1375.0	1100.0	1195.0	956.0

Star 440V-480V **60Hz/1200rpm**
Delta 254V-277V **0.8 Power Factor**

Winding 312	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
HCI636G	375.0	300.0	364.0	291.2	350.0	280.0	325.0	260.0	280.0	224.0
HCI636H	508.0	406.4	494.0	395.2	475.0	380.0	438.0	350.4	375.0	300.0
HCI636J	602.0	481.6	586.0	468.8	563.0	450.4	525.0	420.0	450.0	360.0
HCI636K	763.0	610.4	742.0	593.6	713.0	570.4	656.0	524.8	560.0	448.0
PI736B 3	940.0	752.0	910.0	728.0	875.0	700.0	815.0	652.0	705.0	564.0
PI736D 3	1230.0	984.0	1200.0	960.0	1150.0	920.0	1065.0	852.0	920.0	736.0
PI736F 3	1740.0	1392.0	1690.0	1352.0	1625.0	1300.0	1500.0	1200.0	1300.0	1040.0



6 POLE Three Phase



Star 600V **60Hz/1200rpm**
Delta 346V **0.8 Power Factor**

Winding 07	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
HCI636G	375.0	300.0	364.0	291.2	350.0	280.0	325.0	260.0	280.0	224.0
HCI636H	508.0	406.4	494.0	395.2	475.0	380.0	438.0	350.4	380.0	304.0
HCI636J	602.0	481.6	586.0	468.8	563.0	450.4	525.0	420.0	450.0	360.0
HCI636K	763.0	610.4	742.0	593.6	713.0	570.4	656.0	524.8	570.0	456.0
PI736B 3	940.0	752.0	910.0	728.0	875.0	700.0	815.0	652.0	705.0	564.0
PI736D 3	1230.0	984.0	1200.0	960.0	1150.0	920.0	1065.0	852.0	920.0	736.0
PI736F 3	1740.0	1392.0	1690.0	1352.0	1625.0	1300.0	1500.0	1200.0	1300.0	1040.0



4 POLE Medium Voltage



50Hz/1500rpm

Power Factor		0.8			
Connection		Star (3 Phase, 6 wire)			
Temp. Rise/Ambient		Class H 150/40°C	Class H 125/40°C	Class F 105/40°C	Class B 80/40°C
Rating		Standby	Continuous	Continuous	Continuous
Voltage		3300-3450V	3300-3450V	3300-3450V	3300-3450V
Winding No.		51	51	51	51
P80 MVS1 804R	kVA	2835	2650	2400	2100
	kW	2268	2120	1920	1680
P80 MVS1 804S	kVA	3100	2900	2660	2330
	kW	2480	2320	2128	1864
P80 MVS1 804T	kVA	3370	3160	2940	2590
	kW	2696	2528	2352	2072
P80 MVS1 804W	kVA	3960	3718	3475	3114
	kW	3168	2974	2780	2491
P80 MVS1 804X	kVA	4520	4253	3975	3562
	kW	3616	3402	3180	2850

60Hz/1800rpm

Power Factor		0.8			
Connection		Star (3 Phase, 6 wire)			
Temp Rise/Ambient		Class H 150/40°C	Class H 125/40°C	Class F 105/40°C	Class B 80/40°C
Rating		Standby	Continuous	Continuous	Continuous
Voltage		4000-4160V	4000-4160V	4000-4160V	4000-4160V
Winding No.		51	51	51	51
P80 MVS1 804R	kVA	3370	3150	2880	2520
	kW	2696	2520	2304	2016
P80 MVS1 804S	kVA	3775	3530	3250	2820
	kW	3020	2824	2600	2256
P80 MVS1 804T	kVA	4160	3900	3630	3180
	kW	3328	3120	2904	2544
P80 MVS1 804W	kVA	4780	4494	4200	3650
	kW	3824	3595	3360	2920
P80 MVS1 804X	kVA	5520	5190	4850	4215
	kW	4416	4152	3880	3372



4 POLE High Voltage



50Hz/1500rpm

Power Factor		0.8								
Connection		Star (3 Phase, 6 wire)								
Temp Rise/Ambient		Class H 125/40°C			Class F 105/40°C			Class B 80/40°C		
Rating		Standby			Continuous			Continuous		
Voltage		6000V	6300V	6600V	6000V	6300V	6600V	6000V	6300V	6600V
Winding No.		71	61	61	71	61	61	71	61	61
P80 HVSI 804R	kVA	2400	2291	2400	2250	2148	2250	1950	1861	1950
	kW	1920	1833	1920	1800	1718	1800	1560	1489	1560
P80 HVSI 804S	kVA	2695	2573	2695	2520	2405	2520	2200	2100	2200
	kW	2156	2058	2156	2016	1924	2016	1760	1680	1760
P80 HVSI 804T	kVA	3075	2935	3075	2875	2744	2875	2480	2368	2480
	kW	2460	2348	2460	2300	2195	2300	1984	1894	1984
P80 HVSI 804W	kVA	3640	3475	3640	3410	3255	3410	2970	2835	2970
	kW	2912	2780	2912	2728	2604	2728	2376	2268	2376
P80 HVSI 804X	kVA	4140	3952	4140	3875	3699	3875	3370	3226	3380
	kW	3312	3162	3312	3100	2959	3100	2696	2581	2704

Power Factor		0.8								
Connection		Star (3 Phase, 6 wire)								
Temp Rise/Ambient		Class H 125/40°C			Class F 105/40°C			Class B 80/40°C		
Rating		Standby			Continuous			Continuous		
Voltage		10000V	10500V	11000V	10000V	10500V	11000V	10000V	10500V	11000V
Winding No.		81	83	83	81	83	83	81	83	83
P80 HVSI 804R	kVA	2430	2320	2430	2270	2168	2270	2000	1909	2000
	kW	1944	1856	1944	1816	1734	1816	1600	1527	1600
P80 HVSI 804S	kVA	2690	2568	2690	2515	2401	2515	2200	2100	2200
	kW	2152	2054	2152	2012	1921	2012	1760	1680	1760
P80 HVSI 804T	kVA	3035	2897	3035	2840	2711	2840	2500	2386	2500
	kW	2428	2318	2428	2272	2169	2272	2000	1909	2000
P80 HVSI 804W	kVA	3470	3312	3470	3259	3111	3259	2830	2701	2830
	kW	2776	2650	2776	2607	2489	2607	2264	2161	2264
P80 HVSI 804X	kVA	3960	3780	3960	3724	3555	3724	3240	3093	3240
	kW	3168	3024	3168	2980	2844	2980	2592	2474	2592



4 POLE High Voltage



60Hz/1800rpm

Power Factor		0.8								
Connection		Star (3 Phase, 6 wire)								
Temp Rise/Ambient		Class H 125/40°C			Class F 105/40°C			Class B 80/40°C		
Rating		Standby			Continuous			Continuous		
Voltage		7200V	11400V	12470V	7200V	11400V	12470V	7200V	11400V	12470V
Winding No.		71	81	87	71	81	87	71	81	87
P80 HVSI 804R	kVA	3075	2770	2840	2875	2588	2650	2510	2280	2312
	kW	2460	2216	2272	2300	2070	2120	2008	1824	1850
P80 HVSI 804S	kVA	3360	3065	3090	3140	2868	2900	2750	2505	2535
	kW	2688	2452	2472	2512	2294	2320	2200	2004	2028
P80 HVSI 804T	kVA	3775	3460	N/A	3530	3238	N/A	3080	2850	N/A
	kW	3020	2768	N/A	2824	2590	N/A	2464	2280	N/A
P80 HVSI 804W	kVA	4490	3950	N/A	4200	3715	N/A	3660	3226	N/A
	kW	3592	3160	N/A	3360	2970	N/A	2928	2581	N/A
P80 HVSI 804X	kVA	5080	4510	N/A	4750	4245	N/A	4130	3694	N/A
	kW	4064	3608	N/A	3800	3396	N/A	3304	2955	N/A

Power Factor		0.8								
Connection		Star (3 Phase, 6 wire)								
Temp Rise/Ambient		Class H 125/40°C			Class F 105/40°C			Class B 80/40°C		
Rating		Standby			Continuous			Continuous		
Voltage		12470V	13200V	13800V	12470V	13200V	13800V	12470V	13200V	13800V
Winding No.		91	91	91	91	91	91	91	91	91
P80 HVSI 804R	kVA	2570	2720	2840	2400	2535	2650	2080	2200	2312
	kW	2056	2176	2272	1920	2030	2120	1664	1760	1850
P80 HVSI 804S	kVA	2900	3070	3200	2710	2870	3000	2355	2490	2625
	kW	2320	2456	2560	2168	2296	2400	1884	1992	2100
P80 HVSI 804T	kVA	3185	3375	3530	2980	3155	3300	2590	2740	2880
	kW	2548	2700	2824	2384	2524	2640	2072	2192	2304
P80 HVSI 804W	kVA	3580	3790	3960	3365	3560	3724	2930	3100	3240
	kW	2864	3032	3168	2692	2848	2979	2344	2488	2592
P80 HVSI 804X	kVA	4050	4295	4490	3810	4030	4214	3300	3500	3660
	kW	3240	3436	3592	3048	3224	3371	2640	2800	2928



Notes

[illegible]

Application Engineering

Application Engineering generally owns the technical relationship with our customers and therefore is the first point of contact. The team's aim is to 'Delight our Customers' by providing a world class customer service by striving to understand customer needs and best matched products to suit each individual customer application.

Application teams are based in the US, Europe, India and China, sharing a common email enquiry database. Due to this, there are always Application Engineers available to support customer requirements and deliver the best technical product selection that STAMFORD and AvK branded products can offer.

Key deliverables include:

Provide technical data and support for Cummins Generator Technologies products

- Technical data, drawings, application guidance notes
- Size alternators for different load applications - motors, lighting, non-linear (UPS, VSD, SCR)

Advise and discuss all aspects of alternator application, control and installation

Discuss needs, resolve issues, and review specifications

- Provide qualified technical recommendations to ensure fit for purpose products
- Assist with design and development of complete generating set systems

Provide bespoke application engineering training to suit customer requirements

- Application sizing
- Generator selection considerations
- Changing market requirements such as Grid codes or Marine standards

Collaborate with customers in customer focused 6 Sigma projects

Provide Voice of Customer and application field knowledge into new product introduction or product improvement programs.

Application Engineering support customers as they venture into new market segments and integrate product designs to ensure superior fit to market. The team work closely with the Application Validation team to validate and fully understand the operating boundaries of our products to ensure the right machines meet the harsh, increasingly challenging environments in which our customers operate in. For Applications Support: **applications@cummins.com**





Follow us @stamfordavk



Cummins Generator Technologies



youtube.com/stamfordavk

news.stamford-avk.com

For Applications Support:
applications@cummins.com

For Customer Service:
service-engineers@cumminsgeneratortechnologies.com

For general enquiries:
info@cumminsgeneratortechnologies.com

Copyright 2016, Cummins Generator Technologies Ltd. All rights reserved.
Cummins and the Cummins logo are registered trade marks of Cummins Inc.
STAMFORD, AvK and MARKON are registered trade marks of Cummins Generator Technologies Ltd.

Part No. A056R159 Rev. 01

