

STAMFORD®

STAMFORD® Alternator Ratings Book

Industrial



Edition 2



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	0.970	0.965	0.955
50	0.940	0.930	0.910
55	0.910	0.895	0.865
60	0.880	0.860	0.820

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

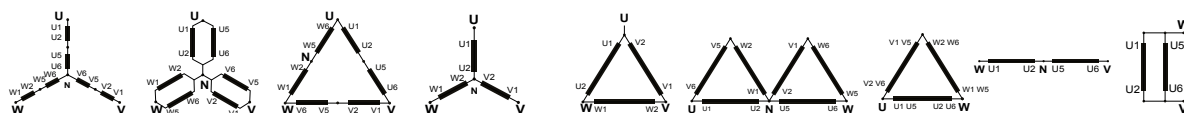


Winding Configurations and Winding Numbers

NOTICE
Additional parts may be required to achieve reconnections

CAUTION
Misconnections 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)	$\frac{\text{Volts} \times \text{Amps} \times \text{PF}}{1000}$	$\frac{\text{Volts} \times \text{Amps} \times \text{PF} \times \sqrt{3}}{1000}$
kilowatts electrical (kW)	$kVA \times \text{PF}$	$kVA \times \text{PF}$
kilowatts mechanical (kWm)	$\frac{kVA \times \text{PF}}{\text{Alternator Efficiency}}$	$\frac{kVA \times \text{PF}}{\text{Alternator Efficiency}}$
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)	$\frac{120 \times \text{Frequency}}{\# \text{ Poles}}$	$\frac{120 \times \text{Frequency}}{\# \text{ Poles}}$
% 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.
- # 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



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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 190V
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

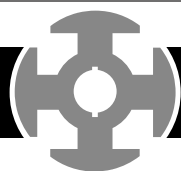
Winding 311	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI042D	16.1	12.9	15.8	12.6	14.6	11.7	13.2	10.6	11.7	9.4
PI042E	19.4	15.5	19.0	15.2	17.6	14.1	15.8	12.6	14.1	11.3
PI042F	22.2	17.8	21.8	17.4	20.1	16.1	18.1	14.5	16.1	12.9
PI042G	25.7	20.6	25.2	20.2	23.3	18.6	21.0	16.8	18.6	14.9
PI142D	29.2	23.4	28.6	22.9	26.5	21.2	23.9	19.1	21.2	17.0
PI142E	36.1	28.9	35.5	28.4	32.9	26.3	29.6	23.7	26.3	21.0
PI142F	40.8	32.6	40.1	32.1	37.1	29.7	33.4	26.7	29.7	23.8
PI142G	46.6	37.3	45.8	36.6	42.4	33.9	38.2	30.6	33.9	27.1
PI142H	54.8	43.8	53.8	43.0	49.8	39.8	44.8	35.8	39.8	31.8
PI142J	58.3	46.6	57.2	45.8	53.0	42.4	47.7	38.2	42.4	33.9



4 POLE Single Phase


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

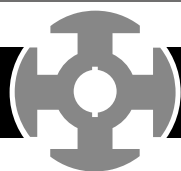
Winding 05	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI044D	5.5	4.4	5.4	4.3	5.0	4.0	4.6	3.7	4.0	3.2
PI044E	7.4	5.9	7.2	5.8	6.7	5.4	6.1	4.9	5.4	4.3
PI044F	9.2	7.4	9.0	7.2	8.4	6.7	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
UCI224C	N/A	N/A	N/A	N/A	28.0	22.4	25.0	20.0	22.0	17.6
UCI224D	N/A	N/A	N/A	N/A	35.0	28.0	31.5	25.2	27.5	22.0
UCI224E	N/A	N/A	N/A	N/A	40.0	32.0	36.0	28.8	31.6	25.3
UCI224F	N/A	N/A	N/A	N/A	50.0	40.0	45.0	36.0	40.0	32.0
UCI224G	N/A	N/A	N/A	N/A	60.0	48.0	54.0	43.2	47.5	38.0
UCI274C	N/A	N/A	N/A	N/A	66.0	52.8	60.0	48.0	52.5	42.0
UCI274D	N/A	N/A	N/A	N/A	74.0	59.2	66.3	53.0	58.0	46.4
UCI274E	N/A	N/A	N/A	N/A	94.0	75.2	84.0	67.2	75.0	60.0
UCI274F	N/A	N/A	N/A	N/A	110.0	88.0	100.0	80.0	87.5	70.0
UCI274G	N/A	N/A	N/A	N/A	120.0	96.0	108.0	86.4	95.0	76.0
UCI274H	N/A	N/A	N/A	N/A	140.0	112.0	125.0	100.0	110.0	88.0



4 POLE Single Phase


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
UCI224C	N/A	N/A	N/A	N/A	28.0	28.0	25.0	25.0	22.0	22.0
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
UCI224D	N/A	N/A	N/A	N/A	35.0	35.0	31.5	31.5	27.5	27.5
UCI224E	N/A	N/A	N/A	N/A	40.0	40.0	36.0	36.0	31.6	31.6
UCI224F	N/A	N/A	N/A	N/A	50.0	50.0	45.0	45.0	40.0	40.0
UCI224G	N/A	N/A	N/A	N/A	60.0	60.0	54.0	54.0	47.5	47.5
UCI274C	N/A	N/A	N/A	N/A	66.0	66.0	60.0	60.0	N/A	N/A
UCI274D	N/A	N/A	N/A	N/A	74.0	74.0	66.3	66.3	N/A	N/A
UCI274E	N/A	N/A	N/A	N/A	94.0	94.0	84.0	84.0	N/A	N/A
UCI274F	N/A	N/A	N/A	N/A	110.0	110.0	100.0	100.0	N/A	N/A
UCI274G	N/A	N/A	N/A	N/A	120.0	120.0	108.0	108.0	N/A	N/A
UCI274H	N/A	N/A	N/A	N/A	140.0	140.0	125.0	125.0	N/A	N/A



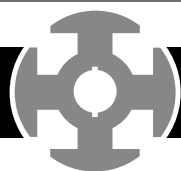
4 POLE Single Phase


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
UCI224C	N/A	N/A	N/A	N/A	28.0	22.4	25.0	20.0	22.0	17.6
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
UCI224D	N/A	N/A	N/A	N/A	35.0	28.0	31.5	25.2	27.5	22.0
UCI224E	N/A	N/A	N/A	N/A	40.0	32.0	36.0	28.8	31.6	25.3
UCI224F	N/A	N/A	N/A	N/A	50.0	40.0	45.0	36.0	40.0	32.0
UCI224G	N/A	N/A	N/A	N/A	60.0	48.0	54.0	43.2	47.5	38.0
UCI274C	N/A	N/A	N/A	N/A	66.0	52.8	60.0	48.0	52.5	42.0
UCI274D	N/A	N/A	N/A	N/A	74.0	59.2	66.3	53.0	58.0	46.4
UCI274E	N/A	N/A	N/A	N/A	94.0	75.2	84.0	67.2	75.0	60.0
UCI274F	N/A	N/A	N/A	N/A	110.0	88.0	100.0	80.0	87.5	70.0
UCI274G	N/A	N/A	N/A	N/A	120.0	96.0	108.0	86.4	95.0	76.0
UCI274H	N/A	N/A	N/A	N/A	140.0	112.0	125.0	100.0	110.0	88.0

1. Available with single bearing only

2. Auxiliary winding option available (winding 705)

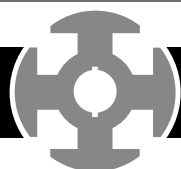


4 POLE Single Phase



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

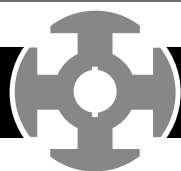
Winding 05	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI044D	6.6	6.6	6.5	6.5	6.0	6.0	5.5	5.5	4.8	4.8
PI044E	8.9	8.9	8.6	8.6	8.0	8.0	7.3	7.3	6.5	6.5
S0L1-J 1	8.9	8.9	8.6	8.6	8.1	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
UCI224C	N/A	N/A	N/A	N/A	28.0	28.0	25.0	25.0	22.0	22.0
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
UCI224D	N/A	N/A	N/A	N/A	35.0	35.0	31.5	31.5	27.5	27.5
UCI224E	N/A	N/A	N/A	N/A	40.0	40.0	36.0	36.0	31.6	31.6
UCI224F	N/A	N/A	N/A	N/A	50.0	50.0	45.0	45.0	40.0	40.0
UCI224G	N/A	N/A	N/A	N/A	60.0	60.0	54.0	54.0	47.5	47.5
UCI274C	N/A	N/A	N/A	N/A	66.0	66.0	60.0	60.0	N/A	N/A
UCI274D	N/A	N/A	N/A	N/A	74.0	74.0	66.3	66.3	N/A	N/A
UCI274E	N/A	N/A	N/A	N/A	94.0	94.0	84.0	84.0	N/A	N/A
UCI274F	N/A	N/A	N/A	N/A	110.0	110.0	100.0	100.0	N/A	N/A
UCI274G	N/A	N/A	N/A	N/A	120.0	120.0	108.0	108.0	N/A	N/A
UCI274H	N/A	N/A	N/A	N/A	140.0	140.0	125.0	125.0	N/A	N/A



4 POLE Single Phase


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

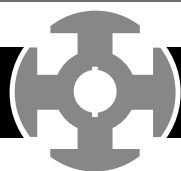
Winding 05	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI044D	5.5	4.4	5.4	4.3	5.0	4.0	4.6	3.7	4.0	3.2
PI044E	7.4	5.9	7.2	5.8	6.7	5.4	6.1	4.9	5.4	4.3
PI044F	9.2	7.4	9.0	7.2	8.4	6.7	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
UCI224C	N/A	N/A	N/A	N/A	28.0	22.4	25.0	20.0	22.0	17.6
PI144K	31.9	25.5	30.6	24.5	28.5	22.8	25.0	20.0	22.4	17.9
UCI224D	N/A	N/A	N/A	N/A	35.0	28.0	31.5	25.2	27.5	22.0
UCI224E	N/A	N/A	N/A	N/A	40.0	32.0	36.0	28.8	31.6	25.3
UCI224F	N/A	N/A	N/A	N/A	50.0	40.0	45.0	36.0	40.0	32.0
UCI224G	N/A	N/A	N/A	N/A	60.0	48.0	54.0	43.2	47.5	38.0
UCI274C	N/A	N/A	N/A	N/A	66.0	52.8	60.0	48.0	52.5	42.0
UCI274D	N/A	N/A	N/A	N/A	74.0	59.2	66.3	53.0	58.0	46.4
UCI274E	N/A	N/A	N/A	N/A	94.0	75.2	84.0	67.2	75.0	60.0
UCI274F	N/A	N/A	N/A	N/A	110.0	88.0	100.0	80.0	87.5	70.0
UCI274G	N/A	N/A	N/A	N/A	120.0	96.0	108.0	86.4	95.0	76.0
UCI274H	N/A	N/A	N/A	N/A	140.0	112.0	125.0	100.0	110.0	88.0



4 POLE Single Phase


Dedicated
Series 240V 50Hz/1500rpm
Parallel 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
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
UCI224C	N/A	N/A	N/A	N/A	28.0	28.0	25.0	25.0	22.0	22.0
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
UCI224D	N/A	N/A	N/A	N/A	35.0	35.0	31.5	31.5	27.5	27.5
UCI224E	N/A	N/A	N/A	N/A	40.0	40.0	36.0	36.0	31.6	31.6
UCI224F	N/A	N/A	N/A	N/A	50.0	50.0	45.0	45.0	40.0	40.0
UCI224G	N/A	N/A	N/A	N/A	60.0	60.0	54.0	54.0	47.5	47.5
UCI274C	N/A	N/A	N/A	N/A	66.0	66.0	60.0	60.0	N/A	N/A
UCI274D	N/A	N/A	N/A	N/A	74.0	74.0	66.3	66.3	N/A	N/A
UCI274E	N/A	N/A	N/A	N/A	94.0	94.0	84.0	84.0	N/A	N/A
UCI274F	N/A	N/A	N/A	N/A	110.0	110.0	100.0	100.0	N/A	N/A
UCI274G	N/A	N/A	N/A	N/A	120.0	120.0	108.0	108.0	N/A	N/A
UCI274H	N/A	N/A	N/A	N/A	140.0	140.0	125.0	125.0	N/A	N/A



4 POLE Single Phase


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

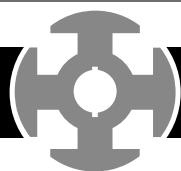
Winding 311	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI044D	5.0	4.0	4.9	3.9	4.5	3.6	4.1	3.3	3.6	2.9
PI044E	6.6	5.3	6.5	5.2	6.0	4.8	5.5	4.4	4.8	3.8
PI044F	8.3	6.6	8.1	6.5	7.5	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
S4L1S-C	N/A	N/A	N/A	N/A	125.0	100.0	115.0	92.0	100.0	80.0
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
S4L1S-D	N/A	N/A	N/A	N/A	150.0	120.0	140.0	112.0	120.0	96.0
S4L1S-E	N/A	N/A	N/A	N/A	175.0	140.0	160.0	128.0	140.0	112.0
HCI544C	N/A	N/A	N/A	N/A	180.0	144.0	160.0	128.0	140.0	112.0
S4L1S-F	N/A	N/A	N/A	N/A	200.0	160.0	185.0	148.0	160.0	128.0
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

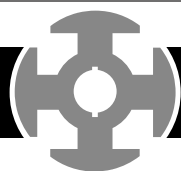
Winding 06	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI044D	6.4	5.1	6.2	5.0	5.8	4.6	5.2	4.2	4.6	3.7
PI044E	8.5	6.8	8.3	6.6	7.7	6.2	7.0	5.6	6.2	5.0
PI044F	10.6	8.5	10.4	8.3	9.6	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 60Hz/1800rpm
Parallel 110V 1.0 Power Factor

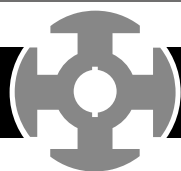
Winding 06	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI044D	8.3	8.3	8.1	8.1	7.5	7.5	6.8	6.8	6.0	6.0
PI044E	11.0	11.0	10.8	10.8	10.0	10.0	9.1	9.1	8.0	8.0
PI044F	13.8	13.8	13.5	13.5	12.5	12.5	11.3	11.3	10.0	10.0
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

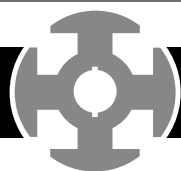
Winding 06	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PI044D	6.6	5.3	6.5	5.2	6.0	4.8	5.5	4.4	4.8	3.8
PI044E	8.8	7.0	8.7	7.0	8.0	6.4	7.3	5.8	6.4	5.1
PI044F	11.1	8.9	10.9	8.7	10.1	8.1	9.2	7.4	8.0	6.4
PI044G	13.3	10.6	13.0	10.4	12.1	9.7	11.0	8.8	9.6	7.7
PI044H	15.5	12.4	15.2	12.2	14.1	11.3	12.9	10.3	11.3	9.0
PI144D	18.0	14.4	17.6	14.1	16.3	13.0	14.9	11.9	13.1	10.5
PI144E	22.5	18.0	22.0	17.6	20.4	16.3	18.6	14.9	16.3	13.0
PI144F	24.7	19.8	24.2	19.4	22.5	18.0	20.4	16.3	18.0	14.4
PI144G	27.0	21.6	26.4	21.1	24.5	19.6	22.5	18.0	19.6	15.7
PI144H	31.5	25.2	30.6	24.5	28.6	22.9	26.2	21.0	22.9	18.3
PI144J	36.8	29.4	36.0	28.8	32.7	26.2	29.8	23.8	26.2	21.0
PI144K	38.2	30.6	36.8	29.4	34.0	27.2	32.3	25.8	26.9	21.5
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 60Hz/1800rpm
Parallel 115V 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	8.3	8.3	8.1	8.1	7.5	7.5	6.8	6.8	6.0	6.0
PI044E	11.0	11.0	10.8	10.8	10.0	10.0	9.1	9.1	8.0	8.0
PI044F	13.8	13.8	13.5	13.5	12.5	12.5	11.3	11.3	10.0	10.0
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



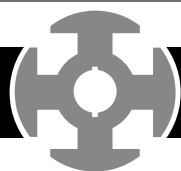
4 POLE Single Phase


Dedicated
Series 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
S1L2-K 1,2	36.9	29.5	35.6	28.5	33.5	26.8	30.4	24.3	26.8	21.4
PI144J	38.3	30.6	37.5	30.0	34.1	27.3	31.1	24.9	27.2	21.8
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	40.6	32.4	38.6	30.9	36.5	29.2	33.0	26.4	29.2	23.4
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
UCDI274J	N/A	N/A	N/A	N/A	175.0	140.0	160.0	128.0	N/A	N/A
UCDI274K	N/A	N/A	N/A	N/A	200.0	160.0	160.0	128.0	N/A	N/A

1. Available with single bearing only

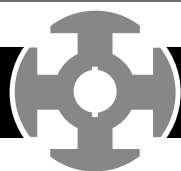
2. Auxiliary winding option available (winding 706)



4 POLE Single Phase


Dedicated
Series 240V 60Hz/1800rpm
Parallel 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
PI044D	8.3	8.3	8.1	8.1	7.5	7.5	6.8	6.8	6.0	6.0
S0L1-J 1	10.6	10.6	10.3	10.3	9.7	9.7	8.7	8.7	7.8	7.8
PI044E	11.0	11.0	10.8	10.8	10.0	10.0	9.1	9.1	8.0	8.0
PI044F	13.8	13.8	13.5	13.5	12.5	12.5	11.3	11.3	10.0	10.0
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
S0L2-M 1,2	22.9	22.9	22.2	22.2	20.8	20.8	18.8	18.8	16.6	16.6
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
S0L2-U 1,2	28.5	28.5	27.6	27.6	25.9	25.9	23.5	23.5	20.7	20.7
PI144F	30.3	30.3	29.6	29.6	27.5	27.5	25.0	25.0	22.0	22.0
S1L2-G 1,2	32.4	32.4	30.9	30.9	29.2	29.2	26.4	26.4	23.3	23.3
PI144G	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
S1L2-K 1,2	41.3	41.3	39.8	39.8	37.5	37.5	34.0	34.0	30.0	30.0
S1L2-N 1,2	44.4	44.4	42.3	42.3	40.0	40.0	36.2	36.2	32.0	32.0
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	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	100.0	100.0	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
UCI274G	N/A	N/A	173.0	173.0	150.0	150.0	140.0	140.0	N/A	N/A
UCI274H	N/A	N/A	180.0	180.0	160.0	160.0	147.0	147.0	N/A	N/A
UCDI274J	N/A	N/A	N/A	N/A	175.0	175.0	160.0	160.0	N/A	N/A
UCDI274K	N/A	N/A	N/A	N/A	200.0	200.0	165.0	165.0	N/A	N/A

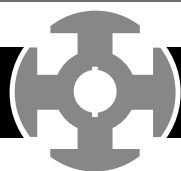


4 POLE Single Phase



**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
S4L1S-C	N/A	N/A	N/A	N/A	130.0	104.0	120.0	96.0	105.0	84.0
S4L1S-D	N/A	N/A	N/A	N/A	155.0	124.0	145.0	116.0	125.0	100.0
S4L1S-E	N/A	N/A	N/A	N/A	185.0	148.0	165.0	132.0	145.0	116.0
S4L1S-F	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	250.0	200.0	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

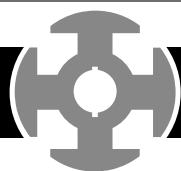


4 POLE Single Phase



**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
S4L1S-C	N/A	N/A	N/A	N/A	135.0	108.0	125.0	100.0	110.0	88.0
S4L1S-D	N/A	N/A	N/A	N/A	165.0	132.0	155.0	124.0	135.0	108.0
S4L1S-E	N/A	N/A	N/A	N/A	195.0	156.0	180.0	144.0	155.0	124.0
S4L1S-F	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	261.0	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**

1 of 2

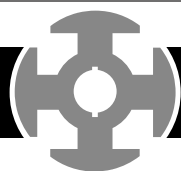
Winding 311	TEMPERATURE RISE									
	Standby 163/27		Standby 150/40		Continuous 125/40 (H)		Continuous 105/40 (F)		Continuous 80/40 (B)	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
S0L1-D	5.1	4.1	5.0	4.0	4.7	3.8	4.3	3.4	3.7	3.0
PI044D	5.4	4.3	5.3	4.2	5.0	4.0	4.5	3.6	4.0	3.2
S0L1-H	6.9	5.5	6.7	5.4	6.2	5.0	5.7	4.6	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	8.6	6.9	8.3	6.6	7.8	6.2	N/A	N/A	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	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	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	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	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	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	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	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
S1L2-N	30.9	24.7	30.0	24.0	28.1	22.5	25.6	20.5	22.5	18.0
PI144K	33.0	26.4	31.9	25.5	30.0	24.0	27.0	21.6	23.7	19.0
S1L2-R	34.3	27.4	33.4	26.7	31.2	25.0	28.4	22.7	25.0	20.0
S1L2-Y	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



4 POLE Single Phase


Reconnectable Double Delta 240V
**60Hz/1800rpm
0.8 Power Factor**
2 of 2

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
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	114.0	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
S4L1S-C	N/A	N/A	N/A	N/A	140.0	112.0	130.0	104.0	115.0	92.0
S4L1S-D	N/A	N/A	N/A	N/A	170.0	136.0	160.0	128.0	140.0	112.0
S4L1S-E	N/A	N/A	N/A	N/A	200.0	160.0	185.0	148.0	160.0	128.0
S4L1S-F	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



4 POLE Three Phase



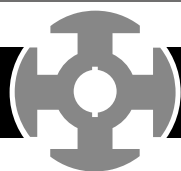
Star 380V
Parallel Star 190V
Delta 220V

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
S0L1-D 1	7.6	6.1	7.2	5.8	6.9	5.5	6.2	5.0	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	10.1	8.1	9.8	7.8	9.2	7.4	8.3	6.6	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	12.6	10.1	12.2	9.8	11.4	9.1	10.4	8.3	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	15.1	12.1	14.7	11.8	13.7	11.0	12.5	10.0	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	17.7	14.2	17.1	13.7	16.0	12.8	14.6	11.7	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	20.1	16.1	19.5	15.6	18.3	14.6	16.7	13.4	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	25.2	20.2	24.4	19.5	22.9	18.3	20.8	16.6	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
S0L2-P 1,2	30.2	24.2	29.3	23.4	27.5	22.0	25.0	20.0	N/A	N/A
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
S1L2-J 1,2	35.3	28.2	34.3	27.4	32.0	25.6	29.2	23.4	N/A	N/A
PI144H	38.5	30.8	37.5	30.0	35.0	28.0	32.0	25.6	28.0	22.4
S1L2-K 1,2	40.3	32.2	39.0	31.2	36.6	29.3	33.3	26.6	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
S1L2-N 1,2	45.3	36.2	44.0	35.2	41.2	33.0	37.5	30.0	N/A	N/A
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-R 1,2	50.4	40.3	48.8	39.0	45.8	36.6	41.7	33.4	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-Y 1,2	63.0	50.4	61.0	48.8	57.2	45.8	52.1	41.7	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
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

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

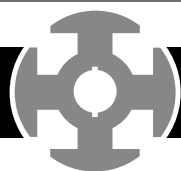
50Hz/1500rpm
0.8 Power Factor

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
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	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 *	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
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 3	850.0	680.0	825.0	660.0	800.0	640.0	750.0	600.0	650.0	520.0
HCI634H 3	1000.0	800.0	960.0	768.0	910.0	728.0	830.0	664.0	740.0	592.0
HCI634J 3	1100.0	880.0	1060.0	848.0	1000.0	800.0	900.0	720.0	800.0	640.0
HCI634K 3	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

1. Available with single bearing only
2. Auxiliary winding option available (winding 711)
3. Star connection only (reconnectable winding 311 available on request for HCI6)



4 POLE Three Phase



Star 400V
 Parallel Star 200V
 Delta 230V

50Hz/1500rpm
 0.8 Power Factor

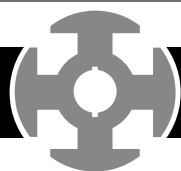
1 of 2

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
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
S1L2-J 1,2	38.5	30.8	37.5	30.0	35.0	28.0	31.9	25.5	N/A	N/A
PI144H	38.5	30.8	37.5	30.0	35.0	28.0	32.0	25.6	28.0	22.4
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
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-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 (reconnectable winding 311 available on request for HCI6)



4 POLE Three Phase



Star 400V
Parallel Star 200V
Delta 230V

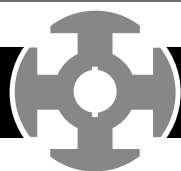
50Hz/1500rpm
0.8 Power Factor

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
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	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 3	860.0	688.0	830.0	664.0	810.0	648.0	760.0	608.0	655.0	524.0
HCI634H 3	1010.0	808.0	980.0	784.0	940.0	752.0	860.0	688.0	765.0	612.0
HCI634J 3	1110.0	888.0	1070.0	856.0	1030.0	824.0	927.0	741.6	825.0	660.0
HCI634K 3	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

1. Available with single bearing only
2. Auxiliary winding option available (winding 711)
3. Star connection only (reconnectable winding 311 available on request for HCI6)



4 POLE Three Phase



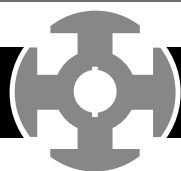
Star 415V
Parallel Star 208V
Delta 240V

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
	PI044E	11.0	8.8	10.8	8.6	10.0	8.0	9.1	7.3	8.0	6.4
	S0L1-H 1	11.0	8.8	10.7	8.6	10.0	8.0	9.1	7.3	N/A	N/A
	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
	PI044G	16.5	13.2	16.2	13.0	15.0	12.0	13.7	11.0	12.0	9.6
	S0L1-P 1	16.5	13.2	16.0	12.8	15.0	12.0	13.7	11.0	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-F 1,2	19.3	15.4	18.7	15.0	17.5	14.0	15.9	12.7	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-G 1,2	22.0	17.6	21.3	17.0	20.0	16.0	18.2	14.6	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
	S0L2-M 1,2	27.5	22.0	26.7	21.4	25.0	20.0	22.8	18.2	N/A	N/A
	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
	S0L2-P 1,2	33.0	26.4	32.0	25.6	30.0	24.0	27.3	21.8	N/A	N/A
	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
	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-N 1,2	49.5	39.6	48.0	38.4	45.0	36.0	41.0	32.8	N/A	N/A
	S1L2-R 1,2	55.0	44.0	53.3	42.6	50.0	40.0	45.5	36.4	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
	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	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

1. Available with single bearing only
2. Auxiliary winding option available (winding 711)
3. Star connection only (reconnectable winding 311 available on request for HCl6)



4 POLE Three Phase



Star 415V
Parallel Star 208V
Delta 240V

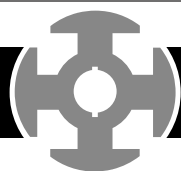
50Hz/1500rpm
0.8 Power Factor

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	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	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	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 3	850.0	680.0	825.0	660.0	800.0	640.0	750.0	600.0	650.0	520.0
HCI634H 3	1000.0	800.0	960.0	768.0	910.0	728.0	830.0	664.0	740.0	592.0
HCI634J 3	1110.0	888.0	1070.0	856.0	1030.0	824.0	927.0	741.6	825.0	660.0
HCI634K 3	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	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	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 (reconnectable winding 311 available on request for HCI6)



4 POLE Three Phase



Star 440V
Parallel Star 220V
Delta 254V

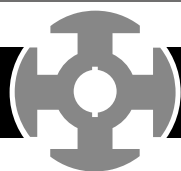
50Hz/1500rpm
0.8 Power Factor

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
HCI544E	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

1. Available with single bearing only
2. Auxiliary winding option available (winding 711)
3. Star connection only (reconnectable winding 311 available on request for HCI6)



4 POLE Three Phase



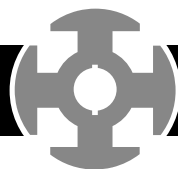
Star 440V
Parallel Star 220V
Delta 254V

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 3	850.0	680.0	820.0	656.0	800.0	640.0	750.0	600.0	650.0	520.0
HCI634H 3	960.0	768.0	920.0	736.0	875.0	700.0	800.0	640.0	738.0	590.4
HCI634J 3	1100.0	880.0	1060.0	848.0	1010.0	808.0	900.0	720.0	800.0	640.0
HCI634K 3	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



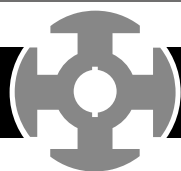
Star 660V-690V
Parallel Star 330V-345V
Delta 380V-400V

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 3	850.0	680.0	820.0	656.0	800.0	640.0	750.0	600.0	650.0	520.0
HCI634H 3	990.0	792.0	950.0	760.0	900.0	720.0	820.0	656.0	730.0	584.0
HCI634J 3	1100.0	880.0	1060.0	848.0	1000.0	800.0	900.0	720.0	800.0	640.0
HCI634K 3	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

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

* Parallel star connection not available
 3 Star connection only



4 POLE Three Phase

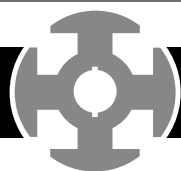


Star 380V
Parallel Star 190V
Delta 220V

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
UCDI274K	276.0	220.8	269.0	215.2	258.0	206.4	236.0	188.8	206.0	164.8
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
S4L1S-E	395.0	316.0	380.0	304.0	365.0	292.0	330.0	264.0	290.0	232.0
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



4 POLE Three Phase



Star 380V
Parallel Star 190V
Delta 220V

60Hz/1800rpm
0.8 Power Factor

2 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
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
HCI634G 3	950.0	760.0	913.0	730.4	875.0	700.0	813.0	650.4	710.0	568.0
HCI634H 3	1080.0	864.0	1050.0	840.0	1000.0	800.0	910.0	728.0	790.0	632.0
HCI634J 3	1350.0	1080.0	1300.0	1040.0	1250.0	1000.0	1150.0	920.0	1000.0	800.0
HCI634K 3	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
PI734E 3	1950.0	1560.0	1895.0	1516.0	1825.0	1460.0	1695.0	1356.0	1570.0	1256.0
PI734D 3	2050.0	1640.0	1995.0	1596.0	1915.0	1532.0	1785.0	1428.0	1650.0	1320.0
PI734G 3	2330.0	1864.0	2265.0	1812.0	2180.0	1744.0	2025.0	1620.0	1875.0	1500.0
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

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



4 POLE Three Phase



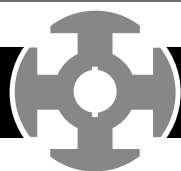
Star 416V
 Parallel Star 208V
 Delta 240V

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	33.8	27.0
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
UCI224C		55.0	44.0	53.1	42.5	50.0	40.0	45.0	36.0	38.8	31.0
PI144K		55.0	44.0	53.1	42.5	50.0	40.0	45.0	36.0	39.5	31.6
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 (reconnectable winding 311 available on request for HCl6)



4 POLE Three Phase



Star 416V
Parallel Star 208V
Delta 240V

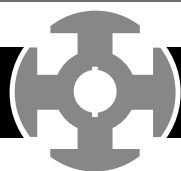
60Hz/1800rpm
0.8 Power Factor

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 3	950.0	760.0	913.0	730.4	875.0	700.0	813.0	650.4	710.0	568.0
HCI634H 3	1125.0	900.0	1088.0	870.4	1025.0	820.0	913.0	730.4	790.0	632.0
HCI634J 3	1250.0	1000.0	1206.0	964.8	1150.0	920.0	1063.0	850.4	925.0	740.0
HCI634K 3	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

1. Available with single bearing only
2. Auxiliary winding option available (winding 711)
3. Star connection only (reconnectable winding 311 available on request for HCI6)



4 POLE Three Phase



Star 440V
Parallel Star 220V
Delta 254V

60Hz/1800rpm
0.8 Power Factor

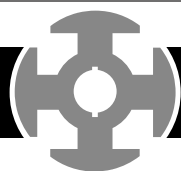
1 of 2

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
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	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
PI144J	52.9	42.3	51.7	41.4	47.0	37.6	42.9	34.3	37.6	30.1
S1L2-N 1,2	55.4	44.3	53.9	43.1	50.4	40.3	45.8	36.6	40.3	32.2
UCI224C	56.3	45.0	55.0	44.0	52.5	42.0	46.3	37.0	40.0	32.0
PI144K	56.3	45.0	55.0	44.0	52.5	42.0	46.3	37.0	40.6	32.5
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

1. Available with single bearing only

2. Auxiliary winding option available (winding 711)

3. Star connection only (reconnectable winding 311 available on request for HCl6)



4 POLE Three Phase



Star 440V
 Parallel Star 220V
 Delta 254V

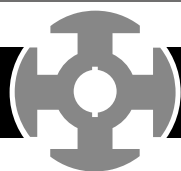
60Hz/1800rpm
 0.8 Power Factor

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
UCI274G	234.0	187.2	228.8	183.0	218.5	174.8	199.0	159.2	173.6	138.9
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
HCI544C	600.0	480.0	581.0	464.8	550.0	440.0	500.0	400.0	440.0	352.0
HCI544D	644.0	515.2	625.0	500.0	594.0	475.2	538.0	430.4	470.0	376.0
HCI544E	769.0	615.2	750.0	600.0	713.0	570.4	650.0	520.0	570.0	456.0
HCI544F	844.0	675.2	819.0	655.2	775.0	620.0	719.0	575.2	632.0	505.6
HCI634G 3	1000.0	800.0	969.0	775.2	925.0	740.0	844.0	675.2	735.0	588.0
HCI634H 3	1163.0	930.4	1125.0	900.0	1063.0	850.4	963.0	770.4	850.0	680.0
HCI634J 3	1300.0	1040.0	1250.0	1000.0	1200.0	960.0	1100.0	880.0	950.0	760.0
HCI634K 3	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

1. Available with single bearing only
 2. Auxiliary winding option available (winding 711)
 3. Star connection only (reconnectable winding 311 available on request for HCI6)



4 POLE Three Phase



Star 460V
Parallel Star 230V
Delta 266V

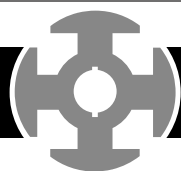
60Hz/1800rpm
0.8 Power Factor

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
UCI224C	56.3	45.0	55.0	44.0	52.5	42.0	46.3	37.0	40.0	32.0
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	72.5	58.0	65.0	52.0	57.5	46.0
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	100.0	80.0	93.8	75.0	81.3	65.0
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
UCI274H	265.0	212.0	258.8	207.0	245.0	196.0	225.0	180.0	195.0	156.0
UCDI274J	319.0	255.2	313.0	250.4	294.0	235.2	275.0	220.0	231.0	184.8
UCDI274K	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

1. Available with single bearing only
2. Auxiliary winding option available (winding 711)
3. Star connection only (reconnectable winding 311 available on request for HCl6)



4 POLE Three Phase



Star 460V
Parallel Star 230V
Delta 266V

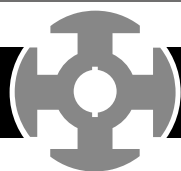
60Hz/1800rpm
0.8 Power Factor

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 3	1044.0	835.2	1008.0	806.4	963.0	770.4	888.0	710.4	765.0	612.0
HCI634H 3	1175.0	940.0	1138.0	910.4	1075.0	860.0	1000.0	800.0	875.0	700.0
HCI634J 3	1350.0	1080.0	1300.0	1040.0	1250.0	1000.0	1150.0	920.0	1000.0	800.0
HCI634K 3	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

1. Available with single bearing only
2. Auxiliary winding option available (winding 711)
3. Star connection only (reconnectable winding 311 available on request for HCI6)



4 POLE Three Phase



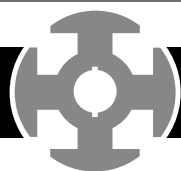
Star 480V
Parallel Star 240V
Delta 277V

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
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
S0L1-H 1	13.2	10.6	12.8	10.2	12.0	9.6	10.9	8.7	9.6	7.7
PI044E	13.8	11.0	13.5	10.8	12.5	10.0	11.4	9.1	10.0	8.0
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
S0L1-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
PI144D	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
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-N 1,2	59.4	47.5	57.6	46.1	54.0	43.2	49.1	39.3	43.2	34.6
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
UCI224E	80.0	64.0	78.8	63.0	75.0	60.0	68.0	54.4	60.0	48.0
S1L2-Y 1,2	82.5	66.0	80.0	64.0	75.0	60.0	68.2	54.6	60.0	48.0
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 (reconnectable winding 311 available on request for HCl6)



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	562.5	450.0	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
HCI544D	694.0	555.2	675.0	540.0	644.0	515.2	588.0	470.4	515.0	412.0
HCI544E	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 3	1088.0	870.4	1046.0	836.8	1000.0	800.0	913.0	730.4	790.0	632.0
HCI634H 3	1219.0	975.2	1188.0	950.4	1125.0	900.0	1025.0	820.0	900.0	720.0
HCI634J 3	1400.0	1120.0	1350.0	1080.0	1300.0	1040.0	1188.0	950.4	1035.0	828.0
HCI634K 3	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 (reconnectable winding 311 available on request for HCI6)



4 POLE Three Phase



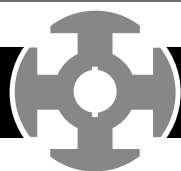
Star 600V
 Parallel Star 300V
 Delta 346V

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
UCI224C	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

* Parallel Star connection not available
 3 Star connection only



4 POLE Three Phase

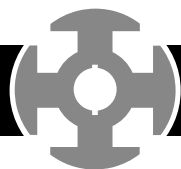


Star 600V
Parallel Star 300V
Delta 346V

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 3	1088.0	870.4	1046.0	836.8	1000.0	800.0	913.0	730.4	790.0	632.0
HCI634H 3	1163.0	930.4	1125.0	900.0	1063.0	850.4	963.0	770.4	850.0	680.0
HCI634J 3	1400.0	1120.0	1350.0	1080.0	1300.0	1040.0	1188.0	950.4	1035.0	828.0
HCI634K 3	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 3	1035.0	828.0	995.0	796.0	950.0	760.0	870.0	696.0	760.0	608.0
PI734A 3	1500.0	1200.0	1440.0	1152.0	1405.0	1124.0	1305.0	1044.0	1195.0	956.0
HCI634K 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
HC636G 3	300.0	240.0	291.0	232.8	280.0	224.0	260.0	208.0	225.0	180.0
HC636H 3	407.0	325.6	395.0	316.0	380.0	304.0	350.0	280.0	300.0	240.0
HC636J 3	482.0	385.6	468.0	374.4	450.0	360.0	420.0	336.0	360.0	288.0
HC636K 3	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
HC636G 3	321.0	256.8	312.0	249.6	300.0	240.0	275.0	220.0	235.0	188.0
HC636H 3	428.0	342.4	416.0	332.8	400.0	320.0	370.0	296.0	310.0	248.0
HC636J 3	513.0	410.4	499.0	399.2	480.0	384.0	450.0	360.0	390.0	312.0
HC636K 3	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
HC636G 3	354.0	283.2	344.0	275.2	331.0	264.8	306.0	244.8	260.0	208.0
HC636H 3	482.0	385.6	468.0	374.4	450.0	360.0	413.0	330.4	350.0	280.0
HC636J 3	568.0	454.4	552.0	441.6	531.0	424.8	500.0	400.0	430.0	344.0
HC636K 3	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
HC636G 3	375.0	300.0	364.0	291.2	350.0	280.0	325.0	260.0	280.0	224.0
HC636H 3	508.0	406.4	494.0	395.2	475.0	380.0	438.0	350.4	375.0	300.0
HC636J 3	602.0	481.6	586.0	468.8	563.0	450.4	525.0	420.0	450.0	360.0
HC636K 3	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

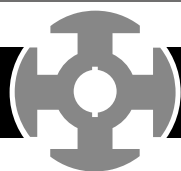


6 POLE Three Phase



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
HC636G 3	375.0	300.0	364.0	291.2	350.0	280.0	325.0	260.0	280.0	224.0
HC636H 3	508.0	406.4	494.0	395.2	475.0	380.0	438.0	350.4	380.0	304.0
HC636J 3	602.0	481.6	586.0	468.8	563.0	450.4	525.0	420.0	450.0	360.0
HC636K 3	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

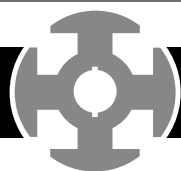


50Hz/1500rpm

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	Countinuous
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	Countinuous
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



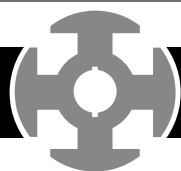
4 POLE High Voltage



50Hz/1500rpm

Power Factor		0.8								
Connection		Star (3 Phase, 6 wire)								
Temp Rise/Ambient		Class F 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 F 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 F 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 F 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



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Notes



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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 I 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 specification
 - 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
 - Alternator selection considerations
 - Changing market requirements such as grid codes or marine standards
- 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.



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