

Edition **H1**

Ratings Book for Sinocox Alternator

Terminal Connection

Variable voltage can be achieved by reconnecting the leads of alternator



Personnel Injury

All operations which may possibly touch the alternator's terminals by hand, such as reconnection or trouble-shooting can not be conducted if the alternator is running. Lock out and Tag out is highly recommended.



Equipment Damage

Misconnection of terminals may result in permanent damage of the alternator. Please follow the diagrams for a specific application or contact Sinocox for assistance

Frequency	50 Hz								
Connenction	Series (1-Phase)	Parallel (1-Phase)	Star (3-Phase)	Delta (3-Phase)	Series Star (3-Phase)	Parallel Star (3-Phase)	Series Delta (3-Phase)	Double Delta (1-Phase)	Open Delta (1-Phase)
Diagram									
Leads	4	4	6	6	12	12	12	12	12
Winding Number #41	220-240	110-120							
Winding Number #63			660-690	380-400					
Winding Number #65			380-440	220-254					
Winding Number#123					660-690	330-345	380-400		
Winding Number#125					380-440	190-220	220-254	220-240	220-240

Frequency	60 Hz								
Connenction	Series (1-Phase)	Parallel (1-Phase)	Star (3-Phase)	Delta (3-Phase)	Series Star (3-Phase)	Parallel Star (3-Phase)	Series Delta (3-Phase)	Double Delta (1-Phase)	Open Delta (1-Phase)
Diagram									
Leads	4	4	6	6	12	12	12	12	12
Winding Number #42	220-240	110-120							
Winding Number #61			600	346					
Winding Number #62			380-416	220-240					
Winding Number #64			660-690	380-400					
Winding Number #65			416-480	240-277					
Winding Number#121					380-416	190-208	220-240		
Winding Number#122					600	300	346		
Winding Number#124					660-690	330-345	380-400		
Winding Number#125					416-480	208-240	240-277	220-240	220-240
Winding Number#126					380-440	190-220	220-254		

Rating Definitions

All ratings are defined below 1000 meters above sea level, and all ratings are based on Rise by Resistance measurement method

Base Continuous Rating

Base continuous rating is named according To ISO8528-S – BR, or Duty type S1 under EN60034-1, IEC34-1 or continuous duty under NEMA MG1-22.
Alternators are capable of supporting the rated kVA at specified ambient and power factor for continuous use without

Peak standby rating (40°C ambient temperature)

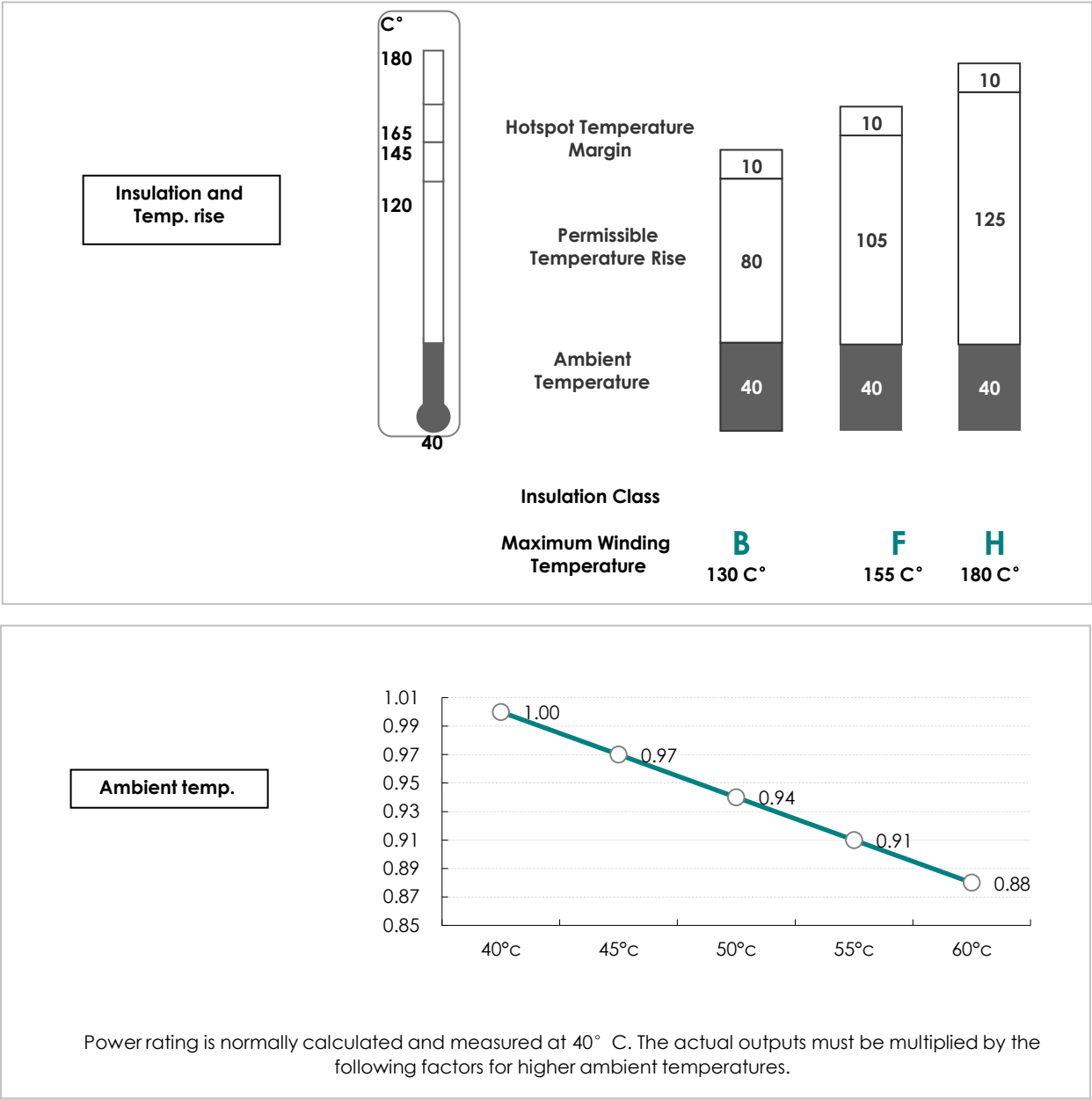
Peak standby rating is defined in ISO8528-3 – PR, or S10 in EN60034-1 and Standby Rating in NEMA MG1-22.
Running at constant load without over load for a limited duration of maximum 500hours per year, with a possibility of temperature rising above class

Peak standby rating (27°C ambient temperature)

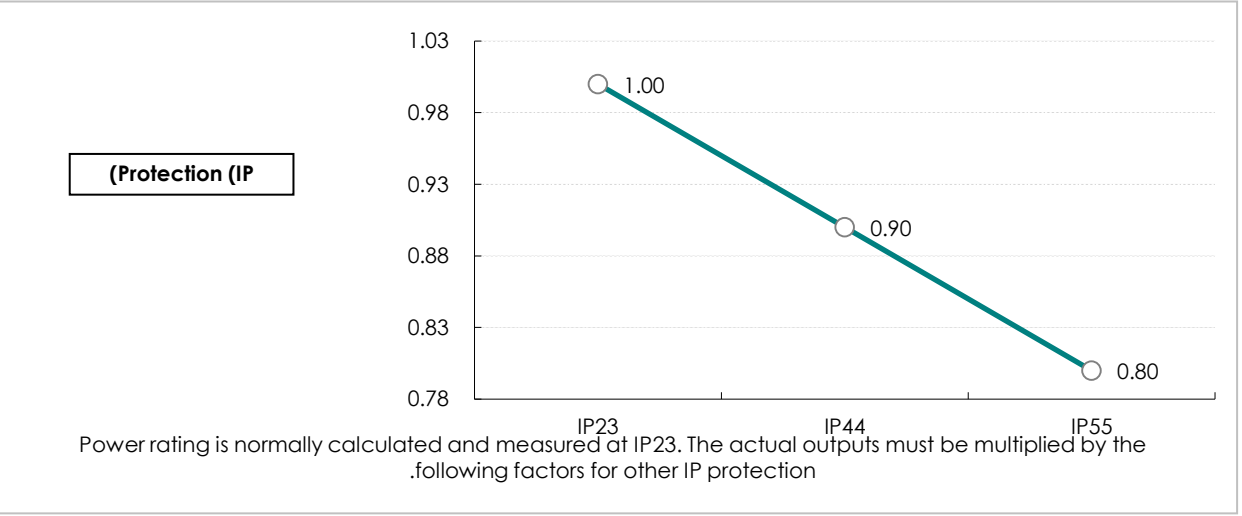
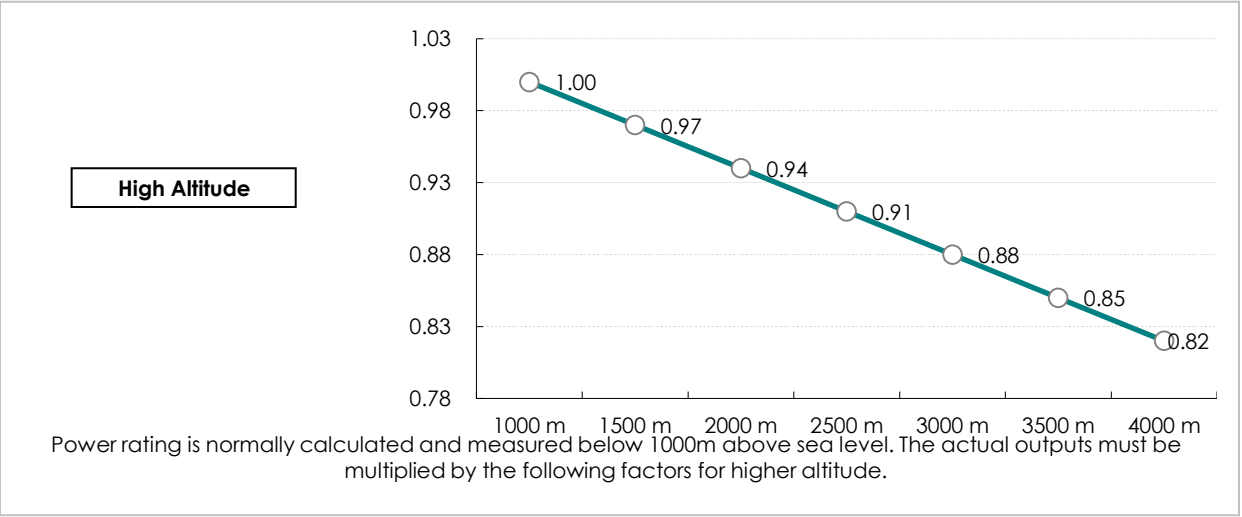
According to EN60034-1, with customer's agreement in advance, an increasing of power rating may be achieved for a decrease in ambient temperature. The rating listed at 27° C allow for more temperature rise against 40° C ambient temperature so as to gain m

Rating Adjustment

The power rating of alternator is mainly subject to the design and physical size, however, it also impacted by different separate element or their combinations



Power factor	Lagging Power Factor	1.0	0.9	0.8	0.7	0.6
	Factor	1.0	1.0	1.0	0.92	0.85



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40° C Ambient Temp.	F Class	105° C Temp. Rise	50 Hz Frequency	2 Pole	SMF Industrial
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	3-Phase (12 Leads)				1-Phase (12 leads/Reconnectable)											
Winding Number	#125		#125		#125		#125		#125		#125		#125		#125	
Power Factor	0.8		0.8		0.8		0.8		0.8		1.0		1.0		1.0	
Y Series Star	380-415		440													
YY Parallel Star	190-208		220													
△ Series Delta	220-240		254													
△△ Double Delta					220		230		240		220		230		240	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
SMF162C	11.5	9.2	11.0	8.8	6.9	5.5	6.9	5.5	6.9	5.5	6.9	6.9	6.9	6.9	6.9	6.9
SMF162D	13.8	11.0	13.3	10.7	8.3	6.6	8.3	6.6	8.3	6.6	8.3	8.3	8.3	8.3	8.3	8.3
SMF162E	16.1	12.9	15.2	12.1	9.7	7.7	9.7	7.7	9.7	7.7	9.7	9.7	9.7	9.7	9.7	9.7
SMF162F	23.0	18.4	20.7	16.6	13.8	11.0	13.8	11.0	13.8	11.0	13.8	13.8	13.8	13.8	13.8	13.8
SMF182C	27.6	22.1	24.8	19.9	16.6	13.2	16.6	13.2	16.6	13.2	16.6	16.6	16.6	16.6	16.6	16.6
SMF182D	32.2	25.8	28.3	22.7	19.3	15.5	19.3	15.5	19.3	15.5	19.3	19.3	19.3	19.3	19.3	19.3
SMF182E	34.5	27.6	32.2	25.8	20.7	16.6	20.7	16.6	20.7	16.6	20.7	20.7	20.7	20.7	20.7	20.7
SMF182F	38.0	30.4	35.0	28.0	22.8	18.2	22.8	18.2	22.8	18.2	22.8	22.8	22.8	22.8	22.8	22.8

	1-Phase(4 leads/Dedicated)												
Winding Number	#41		#41		#41		#41		#41		#41		
Power Factor	0.8		0.8		0.8		1.0		1.0		1.0		
Series	220		230		240		220		230		240		
Parallel	110		115		120		110		115		120		
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	
SMF162C	7.7	6.2	7.7	6.2	7.7	6.2	8.6	8.6	8.6	8.6	9.0	9.0	
SMF162D	9.2	7.4	9.2	7.4	9.2	7.4	10.4	10.4	10.4	10.4	10.8	10.8	
SMF162E	10.9	8.7	10.9	8.7	10.9	8.7	12.4	12.4	12.4	12.4	13.0	13.0	
SMF162F	15.5	12.4	15.5	12.4	15.5	12.4	16.1	16.1	16.6	16.6	17.3	17.3	
SMF182C	18.4	14.7	18.4	14.7	18.4	14.7	18.4	18.4	18.4	18.4	18.4	18.4	
SMF182D	21.6	17.3	21.6	17.3	21.6	17.3	21.6	21.6	21.6	21.6	21.6	21.6	
SMF182E	23.0	18.4	23.0	18.4	23.0	18.4	23.0	23.0	23.0	23.0	23.0	23.0	
SMF182F	25.5	20.4	25.5	20.4	25.5	20.4	28.0	28.0	28.0	28.0	28.0	28.0	

40° C	H	125° C	50 Hz	2	SMF
Ambient Temp.	Class	Temp. Rise	Frequency	Pole	Industrial

	3-Phase (12 Leads)				1-Phase (12 leads/Reconnectable)											
Winding Number	#125		#125		#125		#125		#125		#125		#125		#125	
Power Factor	0.8		0.8		0.8		0.8		0.8		1.0		1.0		1.0	
Y Series Star	380-415		440													
YY Parallel Star	190-208		220													
△ Series Delta	220-240		254													
△△ Double Delta					220		230		240		220		230		240	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
SMF162C	12.5	10.0	12.0	9.6	7.5	6.0	7.5	6.0	7.5	6.0	7.5	7.5	7.5	7.5	7.5	7.5
SMF162D	15.0	12.0	14.5	11.6	9.0	7.2	9.0	7.2	9.0	7.2	9.0	9.0	9.0	9.0	9.0	9.0
SMF162E	17.5	14.0	16.5	13.2	10.5	8.4	10.5	8.4	10.5	8.4	10.5	10.5	10.5	10.5	10.5	10.5
SMF162F	25.0	20.0	22.5	18.0	15.0	12.0	15.0	12.0	15.0	12.0	15.0	15.0	15.0	15.0	15.0	15.0
SMF182C	30.0	24.0	27.0	21.6	18.0	14.4	18.0	14.4	18.0	14.4	18.0	18.0	18.0	18.0	18.0	18.0
SMF182D	35.0	28.0	30.8	24.6	21.0	16.8	21.0	16.8	21.0	16.8	21.0	21.0	21.0	21.0	21.0	21.0
SMF182E	37.5	30.0	35.0	28.0	22.5	18.0	22.5	18.0	22.5	18.0	22.5	22.5	22.5	22.5	22.5	22.5
SMF182F	40.0	32.0	37.0	29.5	24.0	19.2	24.0	19.2	24.0	19.2	24.0	24.0	24.0	24.0	24.0	24.0

	1-Phase(4 leads/Dedicated)												
Winding Number	#41		#41		#41		#41		#41		#41		
Power Factor	0.8		0.8		0.8		1.0		1.0		1.0		
Series	220		230		240		220		230		240		
Parallel	110		115		120		110		115		120		
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	
SMF162C	8.4	6.7	8.4	6.7	8.4	6.7	9.6	9.6	9.6	9.6	10.0	10.0	
SMF162D	10.0	8.0	10.0	8.0	10.0	8.0	11.5	11.5	11.5	11.5	12.0	12.0	
SMF162E	11.8	9.4	11.8	9.4	11.8	9.4	13.5	13.5	13.5	13.5	13.5	13.5	
SMF162F	16.8	13.4	16.8	13.4	16.8	13.4	17.5	17.5	17.5	17.5	17.5	17.5	
SMF182C	20.0	16.0	20.0	16.0	20.0	16.0	20.0	20.0	20.0	20.0	20.0	20.0	
SMF182D	23.5	18.8	23.5	18.8	23.5	18.8	23.5	23.5	23.5	23.5	23.5	23.5	
SMF182E	25.0	20.0	25.0	20.0	25.0	20.0	25.0	25.0	25.0	25.0	25.0	25.0	
SMF182F	27.0	21.6	27.0	21.6	27.0	21.6	30.0	30.0	30.0	30.0	30.0	30.0	

40° C

Ambient Temp.

H

Class

150° C

Temp. Rise

50 Hz

Frequency

2

Pole

SMF

Industrial

	3-Phase (12 Leads)				1-Phase (12 leads/Reconnectable)											
Winding Number	#125		#125		#125		#125		#125		#125		#125		#125	
Power Factor	0.8		0.8		0.8		0.8		0.8		1.0		1.0		1.0	
Y Series Star	380-415		440													
YY Parallel Star	190-208		220													
△ Series Delta	220-240		254													
△△ Double Delta					220		230		240		220		230		240	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
SMF162C	13.5	10.8	13.0	10.4	8.1	6.5	8.1	6.5	8.1	6.5	8.1	8.1	8.1	8.1	8.1	8.1
SMF162D	16.2	13.0	15.7	12.5	9.7	7.8	9.7	7.8	9.7	7.8	9.7	9.7	9.7	9.7	9.7	9.7
SMF162E	18.9	15.1	17.8	14.3	11.3	9.1	11.3	9.1	11.3	9.1	11.3	11.3	11.3	11.3	11.3	11.3
SMF162F	27.0	21.6	24.3	19.4	16.2	13.0	16.2	13.0	16.2	13.0	16.2	16.2	16.2	16.2	16.2	16.2
SMF182C	32.4	25.9	29.2	23.3	19.4	15.6	19.4	15.6	19.4	15.6	19.4	19.4	19.4	19.4	19.4	19.4
SMF182D	37.8	30.2	33.3	26.6	22.7	18.1	22.7	18.1	22.7	18.1	22.7	22.7	22.7	22.7	22.7	22.7
SMF182E	40.5	32.4	37.8	30.2	24.3	19.4	24.3	19.4	24.3	19.4	24.3	24.3	24.3	24.3	24.3	24.3
SMF182F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

	1-Phase(4 leads/Dedicated)												
Winding Number	#41		#41		#41		#41		#41		#41		
Power Factor	0.8		0.8		0.8		1.0		1.0		1.0		
Series	220		230		240		220		230		240		
Parallel	110		115		120		110		115		120		
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	
SMF162C	9.1	7.3	9.1	7.3	9.1	7.3	10.4	10.4	10.4	10.4	10.4	10.4	
SMF162D	10.8	8.6	10.8	8.6	10.8	8.6	12.4	12.4	12.4	12.4	12.4	12.4	
SMF162E	12.7	10.2	12.7	10.2	12.7	10.2	14.6	14.6	14.6	14.6	14.6	14.6	
SMF162F	18.1	14.5	18.1	14.5	18.1	14.5	18.9	18.9	18.9	18.9	18.9	18.9	
SMF182C	21.6	17.3	21.6	17.3	21.6	17.3	21.6	21.6	21.6	21.6	21.6	21.6	
SMF182D	25.4	20.3	25.4	20.3	25.4	20.3	25.4	25.4	25.4	25.4	25.4	25.4	
SMF182E	27.0	21.6	27.0	21.6	27.0	21.6	27.0	27.0	27.0	27.0	27.0	27.0	
SMF182F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

27° C

Ambient Temp.

H

Class

163° C

Temp. Rise

50 Hz

Frequency

2

Pole

SMF

Industrial

	3-Phase (12 Leads)				1-Phase (12 leads/Reconnectable)											
Winding Number	#125		#125		#125		#125		#125		#125		#125		#125	
Power Factor	0.8		0.8		0.8		0.8		0.8		1.0		1.0		1.0	
Y Series Star	380-415		440													
YY Parallel Star	190-208		220													
△ Series Delta	220-240		254													
△△ Double Delta					220		230		240		220		230		240	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
SMF162C	13.8	11.0	13.2	10.6	8.3	6.6	8.3	6.6	8.3	6.6	8.3	8.3	8.3	8.3	8.3	8.3
SMF162D	16.5	13.2	16.0	12.8	9.9	7.9	9.9	7.9	9.9	7.9	9.9	9.9	9.9	9.9	9.9	9.9
SMF162E	19.3	15.4	18.2	14.5	11.6	9.3	11.6	9.3	11.6	9.3	11.6	11.6	11.6	11.6	11.6	11.6
SMF162F	27.5	22.0	24.8	19.8	16.5	13.2	16.5	13.2	16.5	13.2	16.5	16.5	16.5	16.5	16.5	16.5
SMF182C	33.0	26.4	29.7	23.8	19.8	15.9	19.8	15.9	19.8	15.9	19.8	19.8	19.8	19.8	19.8	19.8
SMF182D	38.6	30.8	33.9	27.1	23.1	18.5	23.1	18.5	23.1	18.5	23.1	23.1	23.1	23.1	23.1	23.1
SMF182E	41.3	33.0	38.6	30.8	24.8	19.8	24.8	19.8	24.8	19.8	24.8	24.8	24.8	24.8	24.8	24.8
SMF182F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

	1-Phase(4 leads/Dedicated)															
Winding Number	#41		#41		#41		#41		#41		#41					
Power Factor	0.8		0.8		0.8		1.0		1.0		1.0					
Series	220		230		240		220		230		240					
Parallel	110		115		120		110		115		120					
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW				
SMF162C	9.3	7.4	9.3	7.4	9.3	7.4	10.6	10.6	10.6	10.6	10.6	10.6				
SMF162D	11.0	8.8	11.0	8.8	11.0	8.8	12.7	12.7	12.7	12.7	12.7	12.7				
SMF162E	13.0	10.4	13.0	10.4	13.0	10.4	14.9	14.9	14.9	14.9	14.9	14.9				
SMF162F	18.5	14.8	18.5	14.8	18.5	14.8	19.3	19.3	19.3	19.3	19.3	19.3				
SMF182C	22.0	17.6	22.0	17.6	22.0	17.6	22.0	22.0	22.0	22.0	22.0	22.0				
SMF182D	25.9	20.7	25.9	20.7	25.9	20.7	25.9	25.9	25.9	25.9	25.9	25.9				
SMF182E	27.5	22.0	27.5	22.0	27.5	22.0	27.5	27.5	27.5	27.5	27.5	27.5				
SMF182F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				

40° C

Ambient Temp.

F

Class

105° C

Temp. Rise

60 Hz

Frequency

2

Pole

SMF

Industrial

	3-Phase (12 Leads)				1-Phase (12 leads/Reconnectable)											
Winding Number	#125		#125		#125		#125		#125		#125		#125		#125	
Power Factor	0.8		0.8		0.8		0.8		0.8		1.0		1.0		1.0	
Y Series Star	416		440-480													
YY Parallel Star	208		220-240													
△ Series Delta	240		254-277													
△△ Double Delta					220		230		240		220		230		240	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
SMF162C	13.5	10.8	14.4	11.5	7.4	5.9	7.8	6.2	8.1	6.5	7.4	7.4	7.8	7.8	8.1	8.1
SMF162D	16.4	13.1	17.3	13.8	8.9	7.2	9.5	7.6	9.8	7.9	8.9	8.9	9.5	9.5	9.8	9.8
SMF162E	19.1	15.3	20.1	16.1	10.5	8.4	11.1	8.8	11.5	9.2	10.5	10.5	11.1	11.1	11.5	11.5
SMF162F	27.2	21.8	28.8	23.0	14.9	11.9	15.7	12.6	16.4	13.1	14.9	14.9	15.7	15.7	16.4	16.4
SMF182C	32.3	25.8	34.2	27.4	17.7	14.2	18.6	14.9	19.4	15.5	17.7	17.7	18.6	18.6	19.4	19.4
SMF182D	35.0	28.0	40.0	32.0	20.0	16.0	21.0	16.8	21.0	16.8	20.0	20.0	21.0	21.0	21.0	21.0
SMF182E	40.8	32.6	43.1	34.5	22.2	17.8	23.5	18.8	24.5	19.6	22.2	22.2	23.5	23.5	24.5	24.5
SMF182F	43.5	34.8	46.0	36.8	23.8	19.0	25.1	20.1	26.1	20.9	23.8	23.8	25.4	25.4	26.1	26.1

	1-Phase(4 leads/Dedicated)															
Winding Number	#41		#41		#41		#41		#41		#41					
Power Factor	0.8		0.8		0.8		1.0		1.0		1.0					
Series	220		230		240		220		230		240					
Parallel	110		115		120		110		115		120					
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW				
SMF162C	9.0	7.2	9.0	7.2	9.0	7.2	10.4	10.4	10.4	10.4	10.8	10.8				
SMF162D	11.0	8.8	11.0	8.8	11.0	8.8	11.5	11.5	11.5	11.5	13.5	13.5				
SMF162E	13.0	10.4	13.0	10.4	13.0	10.4	14.6	14.9	14.9	14.9	15.7	15.7				
SMF162F	18.5	14.9	18.5	14.9	18.5	14.9	18.4	18.4	21.3	21.3	19.8	19.8				
SMF182C	22.7	18.2	22.7	18.2	22.7	18.2	20.7	20.7	22.7	22.7	22.7	22.7				
SMF182D	26.4	21.1	26.4	21.1	26.4	21.1	24.2	24.2	26.4	26.4	26.4	26.4				
SMF182E	28.4	22.7	28.4	22.7	28.4	22.7	25.9	25.9	28.4	28.4	28.4	28.4				
SMF182F	30.7	24.6	30.7	24.5	30.7	24.6	33.8	33.8	33.8	33.8	33.8	33.8				

40° C Ambient Temp.	H Class	125° C Temp. Rise	60 Hz Frequency	2 Pole	SMF Industrial
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	3-Phase (12 Leads)				1-Phase (12 leads/Reconnectable)											
Winding Number	#125		#125		#125		#125		#125		#125		#125		#125	
Power Factor	0.8		0.8		0.8		0.8		0.8		1.0		1.0		1.0	
Y Series Star	416		440-480													
YY Parallel Star	208		220-240													
△ Series Delta	240		254-277													
△△ Double Delta					220		230		240		220		230		240	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
SMF162C	14.7	11.8	15.6	12.5	8.0	6.4	8.5	6.8	8.8	7.0	8.0	8.0	8.5	8.5	8.8	8.8
SMF162D	17.8	14.2	18.8	15.0	9.7	7.8	10.3	8.2	10.7	8.6	9.7	9.7	10.3	10.3	10.7	10.7
SMF162E	20.8	16.6	21.9	17.5	11.4	9.1	12.0	9.6	12.5	10.0	11.4	11.4	12.0	12.0	12.5	12.5
SMF162F	29.6	23.7	31.3	25.0	16.2	12.9	17.1	13.7	17.8	14.2	16.2	16.2	17.1	17.1	17.8	17.8
SMF182C	33.0	26.4	35.0	28.0	18.0	14.4	19.0	15.2	19.8	15.8	18.0	18.0	19.0	19.0	19.8	19.8
SMF182D	37.8	30.2	43.0	34.4	20.6	16.5	21.8	17.5	22.7	18.2	20.6	20.6	21.8	21.8	22.7	22.7
SMF182E	44.3	35.4	46.9	37.5	24.2	19.3	25.6	20.5	26.6	21.3	24.2	24.2	25.6	25.6	26.6	26.6
SMF182F	45.2	36.2	50.0	40.0	24.8	19.8	26.0	20.8	27.1	21.7	24.6	24.6	26.0	26.0	27.1	27.1

	1-Phase(4 leads/Dedicated)												
Winding Number	#41		#41		#41		#41		#41		#41		
Power Factor	0.8		0.8		0.8		1.0		1.0		1.0		
Series	220		230		240		220		230		240		
Parallel	110		115		120		110		115		120		
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	
SMF162C	10.0	8.0	10.0	8.0	10.0	8.0	11.5	11.5	11.5	11.5	12.0	12.0	
SMF162D	12.4	9.9	12.4	9.9	12.4	9.9	12.8	12.8	12.8	12.8	15.0	15.0	
SMF162E	14.4	11.5	14.4	11.5	14.4	11.5	16.6	16.6	16.6	16.6	17.5	17.5	
SMF162F	20.6	16.5	20.6	16.5	20.6	16.5	23.7	23.7	23.7	23.7	22.0	22.0	
SMF182C	24.8	19.8	24.8	19.8	24.8	19.8	24.8	24.8	24.8	24.8	24.8	24.8	
SMF182D	28.9	23.1	28.9	23.1	28.9	23.1	28.9	28.9	28.9	28.9	28.9	28.9	
SMF182E	31.0	24.8	31.0	24.8	31.0	24.8	31.0	31.0	31.0	31.0	31.0	31.0	
SM182F	33.5	26.8	33.5	26.8	33.5	26.8	36.0	36.0	36.0	36.0	36.0	36.0	

40° C

Ambient Temp.

H

Class

150° C

Temp. Rise

60 Hz

Frequency

2

Pole

SMF

Industrial

	3-Phase (12 Leads)				1-Phase (12 leads/Reconnectable)											
Winding Number	#125		#125		#125		#125		#125		#125		#125		#125	
Power Factor	0.8		0.8		0.8		0.8		0.8		1.0		1.0		1.0	
Y Series Star	416		440-480													
YY Parallel Star	208		220-240													
△ Series Delta	240		254-277													
△△ Double Delta					220		230		240		220		230		240	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
SMF162C	15.9	12.7	16.8	13.5	8.6	6.9	9.1	7.3	9.5	7.6	8.6	8.6	9.1	9.1	9.5	9.5
SMF162D	19.2	15.4	20.3	16.2	10.5	8.4	11.1	8.9	11.6	9.2	10.5	10.5	11.1	11.1	11.6	11.6
SMF162E	22.5	18.0	23.7	18.9	12.3	9.8	13.0	10.4	13.5	10.8	12.3	12.3	13.0	13.0	13.5	13.5
SMF162F	32.0	25.6	33.8	27.0	17.5	14.0	18.5	14.8	19.2	15.4	17.5	17.5	18.5	18.5	19.2	19.2
SMF182C	35.6	28.5	37.8	30.2	19.4	15.6	20.6	16.4	21.4	17.1	19.4	19.4	20.6	20.6	21.4	21.4
SMF182D	40.8	32.7	43.2	34.6	22.3	17.8	23.6	18.9	24.5	19.6	22.3	22.3	23.6	23.6	24.5	24.5
SMF182E	47.8	38.3	50.7	40.5	26.1	20.9	27.6	22.1	28.7	23.0	26.1	26.1	27.6	27.6	28.7	28.7
SMF182F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

	1-Phase(4 leads/Dedicated)															
Winding Number	#41		#41		#41		#41		#41		#41					
Power Factor	0.8		0.8		0.8		1.0		1.0		1.0					
Series	220		230		240		220		230		240					
Parallel	110		115		120		110		115		120					
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW				
SMF162C	10.8	8.6	10.8	8.6	10.8	8.6	12.4	12.4	12.4	12.4	13.0	13.0				
SMF162D	13.4	10.7	13.4	10.7	13.4	10.7	13.8	13.8	13.8	13.8	16.2	16.2				
SMF162E	15.6	12.4	15.6	12.4	15.6	12.4	17.9	17.9	17.9	17.9	18.9	18.9				
SMF162F	22.2	17.8	22.2	17.8	22.2	17.8	25.6	25.6	25.6	25.6	23.8	23.8				
SMF182C	26.8	21.4	26.8	21.4	26.8	21.4	26.8	26.8	26.8	26.8	26.8	26.8				
SMF182D	31.2	24.9	31.2	24.9	31.2	24.9	31.2	31.2	31.2	31.2	31.2	31.2				
SMF182E	33.5	26.8	33.5	26.8	33.5	26.8	33.5	33.5	33.5	33.5	33.5	33.5				
SMF182F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				

	3-Phase (12 Leads)				1-Phase (12 leads/Reconnectable)											
Winding Number	#125		#125		#125		#125		#125		#125		#125		#125	
Power Factor	0.8		0.8		0.8		0.8		0.8		1.0		1.0		1.0	
Y Series Star	416		440-480													
YY Parallel Star	208		220-240													
△ Series Delta	240		254-277													
△△ Double Delta					220		230		240		220		230		240	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
SMF162C	16.3	13.1	17.3	13.9	8.9	7.1	9.4	7.5	9.8	7.8	8.9	8.9	9.4	9.4	9.8	9.8
SMF162D	19.8	15.8	20.9	16.7	10.8	8.6	11.4	9.1	11.9	9.5	10.8	10.8	11.4	11.4	11.9	11.9
SMF162E	23.1	18.5	24.3	19.4	12.6	10.1	13.3	10.7	13.9	11.1	12.6	12.6	13.3	13.3	13.9	13.9
SMF162F	32.9	26.3	34.7	27.8	18.0	14.4	19.0	15.2	19.8	15.8	18.0	18.0	19.0	19.0	19.8	19.8
SMF182C	36.6	29.3	38.9	31.1	20.0	16.0	21.1	16.9	22.0	17.6	20.0	20.0	21.1	21.1	22.0	22.0
SMF182D	42.0	33.6	44.4	35.5	22.9	18.3	24.2	19.4	25.2	20.2	22.9	22.9	24.2	24.2	25.2	25.2
SMF182E	49.2	39.3	52.1	41.6	26.8	21.5	28.4	22.7	29.5	23.6	26.8	26.8	28.4	28.4	29.5	29.5
SMF182F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

	1-Phase(4 leads/Dedicated)												
Winding Number	#41		#41		#41		#41		#41		#41		
Power Factor	0.8		0.8		0.8		1.0		1.0		1.0		
Series	220		230		240		220		230		240		
Parallel	110		115		120		110		115		120		
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	
SMF162C	11.1	8.9	11.1	8.9	11.1	8.9	12.8	12.8	12.8	12.8	13.3	13.3	
SMF162D	13.8	11.0	13.8	11.0	13.8	11.0	14.2	14.2	14.2	14.2	16.7	16.7	
SMF162E	16.0	12.8	16.0	12.8	16.0	12.8	18.4	18.4	18.4	18.4	19.4	19.4	
SMF162F	22.9	18.3	22.9	18.3	22.9	18.3	26.3	26.3	26.3	26.3	24.4	24.4	
SMF182C	27.5	22.0	27.5	22.0	27.5	22.0	27.5	27.5	27.5	27.5	27.5	27.5	
SMF182D	32.1	25.6	32.1	25.6	32.1	25.6	32.1	32.1	32.1	32.1	32.1	32.1	
SMF182E	34.4	27.5	34.4	27.5	34.4	27.5	34.4	34.4	34.4	34.4	34.4	34.4	
SMF182F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

	3-Phase (12/6 Leads)															
Winding Number	#125		#125		#125		#125		#123							
Power Factor	0.8		0.8		0.8		0.8		0.8							
Y Series Star	380		400		415		440		660 - 690							
YY Parallel Star	190		200		208		220		330 - 345							
△ Series Delta	220		230		240		254		380 - 400							
△△ Double Delta																
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW						
SMF160B	7.5	6.0	7.5	6.0	7.5	6.0	5.7	4.6	N/A	N/A						
SMF160C	10.0	8.0	10.0	8.0	10.0	8.0	7.7	6.2	N/A	N/A						
SMF160D	12.5	10.0	12.5	10.0	12.5	10.0	10.2	8.2	N/A	N/A						
SMF160E	15.0	12.0	15.0	12.0	15.0	12.0	12.7	10.2	N/A	N/A						
SMF180B	18.0	14.4	18.0	14.4	18.0	14.4	14.0	11.2	18	14.4						
SMF180C	20.0	16.0	20.0	16.0	20.0	16.0	15.6	12.5	20.1	16						
SMF180DS	22.5	18.0	22.5	18.0	22.5	18.0	18.1	14.5	22	17.6						
SMF180D	25.0	20.0	25.0	20.0	25.0	20.0	20.5	16.4	25.2	20.2						
SMF180E	29.0	23.2	29.0	23.2	29.0	23.2	25.5	20.4	29.1	23.3						
SMF180F	34.4	27.5	34.4	27.5	34.4	27.5	29.8	23.8	30.0	24.0						
SMF180G	36.8	29.4	39.0	31.2	36.8	29.4	32.0	25.6	30.2	24.2						
SMF225B	38.5	30.8	40.0	32.0	40.0	32.0	32.0	25.6	34.6	27.7						
SMF225C	45.0	36.0	45.0	36.0	45.0	36.0	34.0	27.2	45.1	36.1						
SMF225D	55.0	44.0	55.0	44.0	55.0	44.0	42.0	33.6	46.5	37.2						
SMF225E	68.0	54.4	68.0	54.4	68.0	54.4	51.5	41.2	60.2	48.2						
SMF225FS	72.5	58.0	72.5	58.0	72.5	58.0	56.0	44.8	70.0	56.0						
SMF225F	76.3	61.0	76.3	61.0	76.3	61.0	68.1	54.5	74.3	59.4						
SMF225G	81.3	65.0	81.3	65.0	81.3	65.0	72.1	57.7	79.4	63.5						
SMF270B	84	67.3	84	67.3	84	67.3	N/A	N/A	84	67.4						
SMF270CS	96	76.5	96	76.5	96	76.5	N/A	N/A	90	72.2						
SMF270C	104	83	108	86	104	83	N/A	N/A	100	80						
SMF270D	126	101	126	101	126	101	N/A	N/A	126	101						
SMF270ES	135	108	135	108	135	108	N/A	N/A	138	110						
SMF270E	148	118	148	118	148	118	N/A	N/A	147	118						
SMF270F	165.0	132.0	165.0	132.0	165.0	132.0	N/A	N/A	160.0	128.0						
SMF270GS	170	136	170	136	170	136	N/A	N/A	166	132						
SMF270G	184	147	184	147	184	147	N/A	N/A	184	147						
SMF270H	212	170	212	170	212	170	N/A	N/A	N/A	N/A						
SMF270J	230	184	230	184	230	184	N/A	N/A	N/A	N/A						
SMF315B	232	186	232	186	232	186	232	186	230	184						
SMF315C	281	225	281	225	281	225	272	218	280	224						
SMF315DS	293	234	293	234	293	234	284	227	288	230						
SMF315D	305	244	305	244	305	244	300	240	299	239						
SMF315E	321	257	321	257	321	257	322	258	313	250						
SMF315F	346	277	346	277	346	277	347	278	350	280						
SMF315G	372	298	372	298	372	298	372	298	370	296						
SMF355B	400	320	445	356	400	320	400	320	375	300						
SMF355C	450	360	495	396	450	360	450	360	450	360						
SMF355DS	500	400	500	400	500	400	500	400	500	400						
SMF355D	550	440	560	448	550	440	550	440	515	412						
SMF355ES	564	451	575	460	565	452	565	452	520	416						
SMF355E	622	498	622	498	622	498	600	480	620	496						
SMF400B	655	524	692	554	692	554	628	502	728	582						
SMF400C	700	560	735	588	735	588	670	536	776	621						
SMF400D	795	636	835	668	835	668	760	608	883	706						
SMF400E	875	700	918	734	918	734	835	668	970	776						
SMF400F	1000	800	1040	832	1040	832	945	756	1023	819						
SMF400G	1120	896	1160	928	1160	928	1065	852	1213	970						
SMF400J	1238	990	1281	1025	1281	1025	1181	945	N/A	N/A						
SMF450B	1145	916	1180	944	1180	944	1155	924	1180	944						
SMF450C	1270	1016	1310	1048	1310	1048	1280	1024	1310	1048						
SMF450D	1410	1128	1450	1160	1450	1160	1420	1136	1410	1128						
SMF450E	1520	1216	1540	1232	1540	1232	1510	1208	1540	1232						
SMF450F	1720	1376	1775	1420	1775	1420	1735	1388	1645	1316						
SMF450G	1890	1512	1940	1552	1940	1552	1910	1528	1940	1552						
SMF450H	1990	1592	2055	1644	2055	1644	2008	1606	2000	1600						

40° C

Ambient Temp.

F

Class

105° C

Temp. Rise

50 Hz

Frequency

1

Phase

4

Pole

SMF

Industrial

	1-Phase (12 leads/Reconnectable)						1-Phase(4 leads/Dedicated)																							
Winding No.	#125		#125		#125		#41		#41		#41		#41		#41		#41													
Power Factor	0.8		0.8		0.8		0.8		0.8		0.8		1		1		1													
Double Delta	220		230		240																									
Other							220		230		240		220		230		240													
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW												
SMF160B	4.4	3.5	4.4	3.5	4.4	3.5	5.0	4.0	5.0	4.0	5.0	4.0	6.2	6.2	6.2	6.2	6.2	6.2												
SMF160C	5.8	4.7	5.8	4.7	5.8	4.7	6.8	5.5	6.8	5.5	6.8	5.5	7.6	7.6	7.6	7.6	7.6	7.6												
SMF160D	7.3	5.9	7.3	5.9	7.3	5.9	8.5	6.8	8.5	6.8	8.5	6.8	9.6	9.6	9.6	9.6	9.6	9.6												
SMF160E	8.8	7.1	8.8	7.1	8.8	7.1	10.1	8.0	10.1	8.0	10.1	8.0	11.8	11.8	11.8	11.8	11.8	11.8												
SMF180B	10.7	8.5	10.7	8.5	10.7	8.5	11.6	9.2	11.6	9.2	11.6	9.2	13.0	13.0	13.0	13.0	13.0	13.0												
SMF180C	11.7	9.3	11.7	9.3	11.7	9.3	13.6	10.9	13.6	10.9	13.6	10.9	15.0	15.0	15.0	15.0	15.0	15.0												
SMF180DS	13.1	10.5	13.1	10.5	13.1	10.5	14.6	11.7	14.6	11.7	14.6	11.7	16.5	16.5	16.5	16.5	16.5	16.5												
SMF180D	14.6	11.7	14.6	11.7	14.6	11.7	16.9	13.5	16.9	13.5	16.9	13.5	18.0	18.0	18.0	18.0	18.0	18.0												
SMF180E	16.9	13.5	16.9	13.5	16.9	13.5	19.5	15.6	19.5	15.6	19.5	15.6	20.5	20.5	20.5	20.5	20.5	20.5												
SMF180F	20.0	16.0	20.0	16.0	20.0	16.0	23.0	18.4	23.0	18.4	23.0	18.4	24.7	24.7	24.7	24.7	24.7	24.7												
SMF180G	21.4	17.1	22.6	18.1	21.4	17.1	25.8	20.7	25.8	20.7	25.8	20.7	27.5	27.5	27.5	27.5	27.5	27.5												
SMF225B	25.1	20.1	25.1	20.1	25.1	20.1	25.1	20.1	25.1	20.1	25.1	20.1	25.1	25.1	25.1	25.1	25.1	25.1												
SMF225C	30.2	24.1	30.2	24.1	30.2	24.1	31.7	25.3	31.7	25.3	31.7	25.3	31.7	31.7	31.7	31.7	31.7	31.7												
SMF225D	35.7	28.5	35.7	28.5	35.7	28.5	36.2	28.9	36.2	28.9	36.2	28.9	36.2	36.2	36.2	36.2	36.2	36.2												
SMF225E	43.7	35.0	43.7	35.0	43.7	35.0	45.2	36.2	45.2	36.2	45.2	36.2	45.2	45.2	45.2	45.2	45.2	45.2												
SMF225FS	46.2	37.0	46.2	37.0	46.2	37.0	50.3	40.2	50.3	40.2	50.3	40.2	50.3	50.3	50.3	50.3	50.3	50.3												
SMF225F	50.3	40.2	50.3	40.2	50.3	40.2	54.3	43.4	54.3	43.4	54.3	43.4	54.3	54.3	54.3	54.3	54.3	54.3												
SMF225G	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A												
SMF270B	50.3	40.2	50.3	40.2	50.3	40.2	60.3	48.2	60.3	48.2	60.3	48.2	60.3	60.3	60.3	60.3	60.3	60.3												
SMF270CS	55.3	44.2	55.3	44.2	55.3	44.2	62.3	49.8	62.3	49.8	62.3	49.8	62.3	62.3	62.3	62.3	62.3	62.3												
SMF270C	60.3	48.2	60.3	48.2	60.3	48.2	66.6	53.3	66.6	53.3	66.6	53.3	66.6	66.6	66.6	66.6	66.6	66.6												
SMF270D	75.4	60.3	75.4	60.3	75.4	60.3	84.4	67.5	84.4	67.5	84.4	67.5	84.4	84.4	84.4	84.4	84.4	84.4												
SMF270ES	80.4	64.3	80.4	64.3	80.4	64.3	90	72.4	90	72.4	90	72.4	90.5	90.5	90.5	90.5	90.5	90.5												
SMF270E	87.4	69.9	87.4	69.9	87.4	69.9	101	80.4	101	80.4	101	80.4	100.5	100.5	100.5	100.5	100.5	100.5												
SMF270F	99	79.4	99	79.4	99	79.4	109	86.8	109	86.8	109	86.8	109	109	109	109	109	109												
SMF270GS	104	82.8	104	82.8	104	82.8	111	88	111	88	111	88	111	111	111	111	111	111												
SMF270G	111	88.4	111	88.4	111	88.4	126	101	126	101	126	101	126	126	126	126	126	126												
SMF270H	127	101	127	101	127	101	NOT APPLICABLE																							
SMF270J	138	110	138	110	138	110																								
SMF315B	115	92	115	92	115	92																								
SMF315C	140	112	140	112	140	112																								
SMF315DS	145	116	145	116	145	116																								
SMF315D	151	121	151	121	151	121																								
SMF315E	161	129	161	129	161	129																								
SMF315F	176	141	176	141	176	141																								
SMF315G	185	148	185	148	185	148																								
SMF355B	161	129	161	129	161	129																								
SMF355C	181	145	181	145	181	145																								
SMF355DS	201	161	201	161	201	161																								
SMF355D	221	177	221	177	221	177																								
SMF355ES	231	185	231	185	231	185																								
SMF355E	246	197	246	197	246	197																								
SMF400B																														
SMF400C																														
SMF400D																														
SMF400E																														
SMF400F																														
SMF400G																														
SMF450B																														
SMF450C																														
SMF450D																														
SMF450E																														
SMF450F																														
SMFF450G																														
SMF450H																														

	3-Phase (12/6 Leads)															
Winding Number	#125		#125		#125		#125		#123							
Power Factor	0.8		0.8		0.8		0.8		0.8							
Y Series Star	380		400		415		440		660 - 690							
YY Parallel Star	190		200		208		220		330 - 345							
△ Series Delta	220		230		240		254		380 - 400							
△△ Double Delta																
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW						
SMF160B	8.1	6.5	8.1	6.5	8.1	6.5	6.2	5.0	N/A	N/A						
SMF160C	11.0	8.8	11.0	8.8	11.0	8.8	8.5	6.8	N/A	N/A						
SMF160D	13.5	10.8	13.5	10.8	13.5	10.8	11.0	8.8	N/A	N/A						
SMF160E	16.0	12.8	16.0	12.8	16.0	12.8	13.5	10.8	N/A	N/A						
SMF180B	18.8	15.0	18.8	15.0	18.8	15.0	15.0	12.0	20.4	16.3						
SMF180C	22.5	18.0	22.5	18.0	22.5	18.0	17.5	14.0	23.1	18.5						
SMF180DS	25.0	20.0	25.0	20.0	25.0	20.0	20.3	16.2	25	20						
SMF180D	27.5	22.0	27.5	22.0	27.5	22.0	22.5	18.0	27.8	22.2						
SMF180E	32.0	25.6	32.0	25.6	32.0	25.6	27.5	22.0	31.3	25.0						
SMF180F	37.5	30.0	37.5	30.0	37.5	30.0	32.5	26.0	33.9	27.1						
SMF180G	40.0	32.0	42.5	34.0	40.0	32.0	35.0	28.0	35.0	28.0						
SMF225B	45.0	36.0	45.0	36.0	45.0	36.0	34.0	27.2	38.1	30.5						
SMF225C	50.0	40.0	50.0	40.0	50.0	40.0	37.8	30.2	50.1	40.1						
SMF225D	60.0	48.0	60.0	48.0	60.0	48.0	45.0	36.0	52.0	41.6						
SMF225E	75.0	60.0	75.0	60.0	75.0	60.0	55.0	44.0	68.0	54.4						
SMF225FS	80.0	64.0	80.0	64.0	80.0	64.0	62.0	49.6	77.0	61.6						
SMF225F	85.0	68.0	85.0	68.0	85.0	68.0	75.0	60.0	81.0	64.8						
SMF225G	90.0	72.0	90.0	72.0	90.0	72.0	81.3	65.0	85.0	68.0						
SMF270B	100	80.0	100	80.0	100	80.0	N/A	N/A	100	80.0						
SMF270CS	113	90.0	113	90.0	113	90.0	N/A	N/A	108	86.4						
SMF270C	125	100	125	100	125	100	N/A	N/A	115	92						
SMF270D	140	112	140	112	140	112	N/A	N/A	140	112						
SMF270ES	150	120	150	120	150	120	N/A	N/A	155	124						
SMF270E	163	130	163	130	163	130	N/A	N/A	163	130						
SMF270F	180	144	180	144	180	144	N/A	N/A	178	142						
SMF270GS	188	150	188	150	188	150	N/A	N/A	180	144						
SMF270G	200	160	200	160	200	160	N/A	N/A	205	164						
SMF270H	230	184	230	184	230	184	N/A	N/A	N/A	N/A						
SMF270J	250	200	250	200	250	200	N/A	N/A	N/A	N/A						
SMF315B	250	200	250	200	250	200	250	200	250	200						
SMF315C	300	240	300	240	300	240	290	232	300	240						
SMF315DS	313	250	313	250	313	250	313	250	313	250						
SMF315D	325	260	325	260	325	260	325	260	325	260						
SMF315E	350	280	350	280	350	280	350	280	340	272						
SMF315F	380	304	380	304	380	304	380	304	380	304						
SMF315G	400	320	400	320	400	320	400	320	400	320						
SMF355B	450	360	500	400	450	360	450	360	425	340						
SMF355C	500	400	550	440	500	400	500	400	500	400						
SMF355DS	563	450	563	450	563	450	563	450	525	420						
SMF355D	600	480	610	488	600	480	590	472	560	448						
SMF355ES	615	492	625	500	615	492	615	492	580	464						
SMF355E	670	536	670	536	670	536	655	524	670	536						
SMF400B	710	568	750	600	750	600	685	548	750	600						
SMF400C	765	612	800	640	800	640	730	584	800	640						
SMF400D	875	700	915	732	915	732	830	664	910	728						
SMF400E	960	768	1020	816	1020	816	920	736	1000	800						
SMF400F	1100	880	1138	910	1138	910	1050	840	1055	844						
SMF400G	1200	960	1250	1000	1250	1000	1150	920	1250	1000						
SMF400J	1325	1060	1375	1100	1375	1100	1265	1012	N/A	N/A						
SMF450B	1230	984	1280	1024	1280	1024	1240	992	1280	1024						
SMF450C	1380	1104	1420	1136	1420	1136	1380	1104	1420	1136						
SMF450D	1510	1208	1560	1248	1560	1248	1550	1240	1530	1224						
SMF450E	1620	1296	1680	1344	1680	1344	1625	1300	1680	1344						
SMF450F	1850	1480	1905	1524	1905	1524	1865	1492	1770	1416						
SMF450G	2030	1624	2100	1680	2100	1680	2050	1640	2100	1680						
SMF450H	2140	1712	2205	1764	2205	1764	2180	1744	2150	1720						

40° C

Ambient Temp.

H

Class

125° C

Temp. Rise

50 Hz

Frequency

1

Phase

4

Pole

SMF

Industrial

	1-Phase (12 leads/Reconnectable)						1-Phase(4 leads/Dedicated)											
Winding No.	#125		#125		#125		#41		#41		#41		#41		#41		#41	
Power Factor	0.8		0.8		0.8		0.8		0.8		0.8		1		1		1	
Double Delta	220		230		240													
Other							220		230		240		220		230		240	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
SMF160B	4.7	3.8	4.7	3.8	4.7	3.8	5.4	4.3	5.4	4.3	5.4	4.3	6.8	6.8	6.8	6.8	6.8	6.8
SMF160C	6.4	5.1	6.4	5.1	6.4	5.1	7.4	5.9	7.4	5.9	7.4	5.9	8.4	8.4	8.4	8.4	8.4	8.4
SMF160D	7.8	6.3	7.8	6.3	7.8	6.3	9.0	7.2	9.0	7.2	9.0	7.2	11.0	11.0	11.0	11.0	11.0	11.0
SMF160E	9.3	7.5	9.3	7.5	9.3	7.5	10.8	8.6	10.8	8.6	10.8	8.6	13.0	13.0	13.0	13.0	13.0	13.0
SMF180B	11.8	9.5	11.8	9.5	11.8	9.5	13.0	10.4	13.0	10.4	13.0	10.4	15.0	15.0	15.0	15.0	15.0	15.0
SMF180C	13.0	10.4	13.0	10.4	13.0	10.4	15.0	12.0	15.0	12.0	15.0	12.0	16.6	16.6	16.6	16.6	16.6	16.6
SMF180DS	15.1	12.1	15.1	12.1	15.1	12.1	16.5	13.2	16.5	13.2	16.5	13.2	18.0	18.0	18.0	18.0	18.0	18.0
SMF180D	16.1	12.9	16.1	12.9	16.1	12.9	18.5	14.8	18.5	14.8	18.5	14.8	20.0	20.0	20.0	20.0	20.0	20.0
SMF180E	18.2	14.6	18.2	14.6	18.2	14.6	21.0	16.8	21.0	16.8	21.0	16.8	22.8	22.8	22.8	22.8	22.8	22.8
SMF180F	21.8	17.4	21.8	17.4	21.8	17.4	25.0	20.0	25.0	20.0	25.0	20.0	27.0	27.0	27.0	27.0	27.0	27.0
SMF180G	23.3	18.7	24.7	19.8	23.3	18.7	28.0	22.4	28.0	22.4	28.0	22.4	30.0	30.0	30.0	30.0	30.0	30.0
SMF225B	28.6	22.9	28.6	22.9	28.6	22.9	28.0	22.4	28.0	22.4	28.0	22.4	28.0	28.0	28.0	28.0	28.0	28.0
SMF225C	33.7	26.9	33.7	26.9	33.7	26.9	35.0	28.0	35.0	28.0	35.0	28.0	35.0	35.0	35.0	35.0	35.0	35.0
SMF225D	40.2	32.2	40.2	32.2	40.2	32.2	40.0	32.0	40.0	32.0	40.0	32.0	40.0	40.0	40.0	40.0	40.0	40.0
SMF225E	48.7	39.0	48.7	39.0	48.7	39.0	50.0	40.0	50.0	40.0	50.0	40.0	50.0	50.0	50.0	50.0	50.0	50.0
SMF225FS	53.0	42.4	53.0	42.4	53.0	42.4	57.0	45.6	57.0	45.6	57.0	45.6	55.0	55.0	55.0	55.0	55.0	55.0
SMF225F	56.8	45.4	56.8	45.4	56.8	45.4	60.0	48.0	60.0	48.0	60.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0
SMF225G	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SMF270B	60.3	48.2	60.3	48.2	60.3	48.2	66.0	52.8	66.0	52.8	66.0	52.8	66.0	66.0	66.0	66.0	66.0	66.0
SMF270CS	66.3	53.1	66.3	53.1	66.3	53.1	70.0	56.0	70.0	56.0	70.0	56.0	70.0	70.0	70.0	70.0	70.0	70.0
SMF270C	68.3	54.7	68.3	54.7	68.3	54.7	75.0	60.0	75.0	60.0	75.0	60.0	74.0	74.0	74.0	74.0	74.0	74.0
SMF270D	85.4	68.3	85.4	68.3	85.4	68.3	94.0	75.2	94.0	75.2	94.0	75.2	94.0	94.0	94.0	94.0	94.0	94.0
SMF270ES	90.5	72.4	90.5	72.4	90.5	72.4	100	80.0	100	80.0	100	80.0	100	100	100	100	100	100
SMF270E	96.5	77.2	96.5	77.2	96.5	77.2	110	88.0	110	88.0	110	88.0	110	110	110	110	110	110
SMF270F	109	86.8	109	86.8	109	86.8	120	96.0	120	96.0	120	96.0	120	120	120	120	120	120
SMF270GS	115	91.7	115	91.7	115	91.7	125	100	125	100	125	100	125	125	125	125	125	125
SMF270G	120	96.0	120	96.0	120	96.0	140	112	140	112	140	112	140	140	140	140	140	140
SMF270H	139	111	139	111	139	111	NOT APPLICABLE											
SMF270J	150	120	150	120	150	120												
SMF315B	125	100	125	100	125	100												
SMF315C	146	117	146	117	146	117												
SMF315DS	150	120	150	120	150	120												
SMF315D	160	128	160	128	160	128												
SMF315E	176	141	176	141	176	141												
SMF315F	190	152	190	152	190	152												
SMF315G	200	160	200	160	200	160												
SMF355B	180	144	180	144	180	144												
SMF355C	200	160	200	160	200	160												
SMF355DS	230	184	230	184	230	184												
SMF355D	240	192	240	192	240	192												
SMF355ES	256	205	256	205	256	205												
SMF355E	266	213	266	213	266	213												
SMF400B																		
SMF400C																		
SMF400D																		
SMF400E																		
SMF400F																		
SMF400G																		
SMF450B																		
SMF450C																		
SMF450D																		
SMF450E																		
SMF450F																		
SMF450G																		
SMF450H																		

	3-Phase (12/6 Leads)															
Winding Number	#125		#125		#125		#125		#123							
Power Factor	0.8		0.8		0.8		0.8		0.8							
Y Series Star	380		400		415		440		660 - 690							
YY Parallel Star	190		200		208		220		330 - 345							
△ Series Delta	220		230		240		254		380 - 400							
△△ Double Delta																
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW						
SMF160B	8.5	6.8	8.5	6.8	8.5	6.8	6.5	5.2	N/A	N/A						
SMF160C	11.6	9.2	11.6	9.2	11.6	9.2	8.9	7.1	N/A	N/A						
SMF160D	14.2	11.3	14.2	11.3	14.2	11.3	11.6	9.2	N/A	N/A						
SMF160E	16.8	13.4	16.8	13.4	16.8	13.4	14.2	11.3	N/A	N/A						
SMF180B	19.7	15.8	19.7	15.8	19.7	15.8	15.8	12.6	21.4	17.1						
SMF180C	23.6	18.9	23.6	18.9	23.6	18.9	18.4	14.7	24.3	19.4						
SMF180DS	26.3	21.0	26.3	21.0	26.3	21.0	21.3	17.1	26.3	21.0						
SMF180D	29.0	23.2	29.0	23.2	29.0	23.2	23.7	19.0	29.1	23.3						
SMF180E	32.5	26.0	32.5	26.0	32.5	26.0	28.5	22.8	32.5	26.0						
SMF180F	39.0	31.2	39.0	31.2	39.0	31.2	33.8	27.0	35.0	28.0						
SMF180G	41.6	33.3	44.0	35.2	41.6	33.3	36.5	29.2	36.0	28.8						
SMF225B	46.0	36.8	46.0	36.8	46.0	36.8	36.0	28.8	40.4	32.3						
SMF225C	53.5	42.8	53.5	42.8	53.5	42.8	40.1	32.1	53.1	42.5						
SMF225D	61.5	49.2	61.5	49.2	61.5	49.2	46.0	36.8	55.1	44.1						
SMF225E	79.5	63.6	79.5	63.6	79.5	63.6	58.0	46.4	70.0	56.0						
SMF225FS	84.0	67.2	84.0	67.2	84.0	67.2	65.5	52.4	78.0	62.4						
SMF225F	87.6	70.1	87.6	70.1	87.6	70.1	77.4	61.9	82.0	65.6						
SMF225G	92.6	74.1	92.6	74.1	92.6	74.1	82.4	65.9	90.1	72.1						
SMF270B	107	85.6	107	85.6	107	85.6	N/A	N/A	108	86.5						
SMF270CS	119	94.8	119	94.8	119	94.8	N/A	N/A	114	91.6						
SMF270C	130	104	130	104	130	104	N/A	N/A	122	98						
SMF270D	146	117	146	117	146	117	N/A	N/A	145	116						
SMF270ES	155	124	155	124	155	124	N/A	N/A	164	131						
SMF270E	173	138	173	138	173	138	N/A	N/A	173	138						
SMF270F	187.0	149.6	187.0	149.6	187.0	149.6	N/A	N/A	182	145						
SMF270GS	193	154	193	154	193	154	N/A	N/A	191	153						
SMF270G	214	171	214	171	214	171	N/A	N/A	214	169						
SMF270H	250	200	250	200	250	200	N/A	N/A	N/A	N/A						
SMF270J	265	212	265	212	265	212	N/A	N/A	N/A	N/A						
SMF315B	275	220	275	220	275	220	275	220	270	216						
SMF315C	323	258	323	258	323	258	312	250	320	256						
SMF315DS	335	268	335	268	335	268	324	259	331	265						
SMF315D	350	280	350	280	350	280	350	280	340	272						
SMF315E	374	299	374	299	374	299	374	299	360	288						
SMF315F	399	319	399	319	399	319	399	319	403	322						
SMF315G	415	332	432	346	432	346	432	346	430	344						
SMF355B	478	382	512	410	478	382	478	382	450	360						
SMF355C	515	412	575	460	515	412	515	412	515	412						
SMF355DS	590	472	590	472	585	468	585	468	565	452						
SMF355D	636	509	640	512	636	509	636	509	590	472						
SMF355ES	651	521	655	524	651	521	651	521	599	479						
SMF355E	715	572	715	572	715	572	695	556	710	568						
SMF400B	730	584	778	622	778	622	705	564	788	630						
SMF400C	788	630	827	662	827	662	748	598	840	672						
SMF400D	895	716	940	752	940	752	855	684	956	764						
SMF400E	985	788	1035	828	1035	828	942	754	1050	840						
SMF400F	1130	904	1170	936	1170	936	1060	848	1108	886						
SMF400G	1250	1000	1290	1032	1290	1032	1185	948	1313	1050						
SMF400J	1363	1090	1419	1135	1419	1135	1306	1045	N/A	N/A						
SMF450B	1280	1024	1320	1056	1320	1056	1300	1040	1320	1056						
SMF450C	1420	1136	1480	1184	1480	1184	1435	1148	1480	1184						
SMF450D	1580	1264	1615	1292	1615	1292	1595	1276	1575	1260						
SMF450E	1680	1344	1730	1384	1730	1384	1695	1356	1730	1384						
SMF450F	1935	1548	1990	1592	1990	1592	1950	1560	1850	1480						
SMF450G	2105	1684	2200	1760	2200	1760	2150	1720	2170	1736						
SMF450H	2230	1784	2300	1840	2300	1840	2280	1824	2200	1760						

40° C

Ambient Temp.

H

Class

150° C

Temp. Rise

50 Hz

Frequency

1

Phase

4

Pole

SMF

Industrial

	1-Phase (12 leads/Reconnectable)						1-Phase(4 leads/Dedicated)											
Winding No.	#125		#125		#125		#41		#41		#41		#41		#41		#41	
Power Factor	0.8		0.8		0.8		0.8		0.8		1		1		1		1	
Double Delta	220		230		240													
Other							220		230		240		220		230		240	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
SMF160B	NOT APPLICABLE																	
SMF160C																		
SMF160D																		
SMF160E																		
SMF180B																		
SMF180C																		
SMF180DS																		
SMF180D																		
SMF180E																		
SMF180F																		
SMF180G																		
SMF225B																		
SMF225C																		
SMF225D																		
SMF225E																		
SMF225FS																		
SMF225F																		
SMF225G																		
SMF270B																		
SMF270CS																		
SMF270C																		
SMF270D																		
SMF270ES																		
SMF270E																		
SMF270F																		
SMF270GS																		
SMF270G																		
SMF270H																		
SMF270J																		
SMF315B																		
SMF315C																		
SMF315DS																		
SMF315D																		
SMF315E																		
SMF315F																		
SMF315G																		
SMF355B																		
SMF355C																		
SMF355DS																		
SMF355D																		
SMF355ES																		
SMF355E																		
SMF400B																		
SMF400C																		
SMF400D																		
SMF400E																		
SMF400F																		
SMF400G																		
SMF450B																		
SMF450C																		
SMF450D																		
SMF450E																		
SMF450F																		
SMF450G																		
SMF450H																		

27° C		H		163° C		50 Hz				3		4		SMF			
Ambient Temp.		Class		Temp. Rise		Frequency				Phase		Pole		Industrial			
		3-Phase (12/6 Leads)															
Winding Number		#125		#125		#125		#125		#123							
Power Factor		0.8		0.8		0.8		0.8		0.8							
Y Series Star		380		400		415		440		660 - 690							
YY Parallel Star		190		200		208		220		330 - 345							
△ Series Delta		220		230		240		254		380 - 400							
△△ Double Delta																	
Model		kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW						
SMF160B		8.8	7.1	8.8	7.1	8.8	7.1	6.8	5.4	N/A	N/A						
SMF160C		11.9	9.5	11.9	9.5	11.9	9.5	9.2	7.4	N/A	N/A						
SMF160D		14.6	11.7	14.6	11.7	14.6	11.7	11.9	9.5	N/A	N/A						
SMF160E		17.4	13.9	17.4	13.9	17.4	13.9	14.6	11.7	N/A	N/A						
SMF180B		20.3	16.3	20.3	16.3	20.3	16.3	16.3	13.0	22.1	17.7						
SMF180C		24.4	19.5	24.4	19.5	24.4	19.5	19.0	15.2	25.0	20.0						
SMF180DS		27.0	21.6	27.0	21.6	27.0	21.6	22.0	17.6	27.0	21.6						
SMF180D		30.0	24.0	30.0	24.0	30.0	24.0	24.5	19.6	30.2	24.2						
SMF180E		33.0	26.4	33.0	26.4	33.0	26.4	29.0	23.2	33.5	26.8						
SMF180F		40.0	32.0	40.0	32.0	40.0	32.0	34.7	27.8	35.5	28.4						
SMF180G		42.8	34.2	45.0	36.0	42.8	34.2	37.5	30.0	36.8	29.4						
SMF225B		48.0	38.4	48.0	38.4	48.0	38.4	37.0	29.6	41.5	33.2						
SMF225C		55.1	44.1	55.1	44.1	55.1	44.1	42.0	33.6	54.6	43.7						
SMF225D		63.5	50.8	63.5	50.8	63.5	50.8	47.3	37.8	56.7	45.3						
SMF225E		83.0	66.4	83.0	66.4	83.0	66.4	60.5	48.4	72.0	57.6						
SMF225FS		87.5	70.0	87.5	70.0	87.5	70.0	68.0	54.4	81.0	64.8						
SMF225F		90.8	72.6	90.8	72.6	90.8	72.6	81.2	65.0	85.0	68.0						
SMF225G		95.8	76.6	95.8	76.6	95.8	76.6	86.2	69.0	92.7	74.1						
SMF270B		112	89.6	112	89.6	112	89.6	N/A	N/A	111	88.9						
SMF270CS		124	98.8	124	98.8	124	98.8	N/A	N/A	118	94.2						
SMF270C		135	108	135	108	135	108	N/A	N/A	125	100						
SMF270D		152	122	152	122	152	122	N/A	N/A	152	122						
SMF270ES		161	129	161	129	161	129	N/A	N/A	169	135						
SMF270E		178	142	178	142	178	142	N/A	N/A	178	142						
SMF270F		194	155	194	155	194	155	N/A	N/A	189	151						
SMF270GS		202	162	202	162	202	162	N/A	N/A	196	157						
SMF270G		224	179	224	179	224	179	N/A	N/A	220	176						
SMF270H		262	210	262	210	262	210	N/A	N/A	N/A	N/A						
SMF270J		275	220	275	220	275	220	N/A	N/A	N/A	N/A						
SMF315B		278	222	278	222	278	222	278	222	275	220						
SMF315C		334	267	334	267	334	267	321	257	327	262						
SMF315DS		346	276	346	276	346	276	333	266	341	273						
SMF315D		360	288	360	288	360	288	360	288	355	284						
SMF315E		382	306	390	312	382	306	382	306	371	296						
SMF315F		407	326	415	332	407	326	407	326	414	331						
SMF315G		426	341	451	361	442	354	442	354	440	352						
SMF355B		495	396	520	416	495	396	495	396	468	374						
SMF355C		530	424	590	472	530	424	530	424	530	424						
SMF355DS		615	492	615	492	615	492	615	492	575	460						
SMF355D		660	528	665	532	660	528	660	528	610	488						
SMF355ES		675	540	680	544	675	540	675	540	616	493						
SMF355E		738	590	738	590	738	590	716	573	738	590						
SMF400B		745	596	792	634	792	634	718	574	803	642						
SMF400C		800	640	840	672	840	672	765	612	856	685						
SMF400D		912	730	958	766	958	766	875	700	974	779						
SMF400E		1000	800	1055	844	1055	844	960	768	1070	856						
SMF400F		1150	920	1200	960	1200	960	1090	872	1129	903						
SMF400G		1280	1024	1320	1056	1320	1056	1205	964	1338	1070						
SMF400J		1390	1112	1444	1155	1444	1155	1331	1065	N/A	N/A						
SMF450B		1320	1056	1350	1080	1350	1080	1325	1060	1350	1080						
SMF450C		1460	1168	1510	1208	1510	1208	1475	1180	1510	1208						
SMF450D		1620	1296	1670	1336	1670	1336	1640	1312	1630	1304						
SMF450E		1725	1380	1775	1420	1775	1420	1740	1392	1775	1420						
SMF450F		1980	1584	2040	1632	2040	1632	2000	1600	1900	1520						
SMF450G		2175	1740	2260	1808	2260	1808	2190	1752	2260	1808						
SMF450H		2300	1840	2390	1912	2390	1912	2320	1856	2295	1836						

SMF
Industrial

	1-Phase (12 leads/Reconnectable)						1-Phase(4 leads/Dedicated)											
Winding No.	#125		#125		#125		#41		#41		#41		#41		#41		#41	
Power Factor	0.8		0.8		0.8		0.8		0.8		0.8		1		1		1	
Double Delta	220		230		240													
Other							220		230		240		220		230		240	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
SMF160B	NOT APPLICABLE																	
SMF160C																		
SMF160D																		
SMF160E																		
SMF180B																		
SMF180C																		
SMF180DS																		
SMF180D																		
SMF180E																		
SMF180F																		
SMF180G																		
SMF225B																		
SMF225C																		
SMF225D																		
SMF225E																		
SMF225FS																		
SMF225F																		
SMF225G																		
SMF270B																		
SMF270CS																		
SMF270C																		
SMF270D																		
SMF270ES																		
SMF270E																		
SMF270F																		
SMF270GS																		
SMF270G																		
SMF270H																		
SMF270J																		
SMF315B																		
SMF315C																		
SMF315DS																		
SMF315D																		
SMF315E																		
SMF315F																		
SMF315G																		
SMF355B																		
SMF355C																		
SMF355DS																		
SMF355D																		
SMF355ES																		
SMF355E																		
SMF400B																		
SMF400C																		
SMF400D																		
SMF400E																		
SMF400F																		
SMF400G																		
SMF450B																		
SMF450C																		
SMF450D																		
SMF450E																		
SMF450F																		
SMF450G																		
SMF450H																		

	3-Phase (12/6 leads)															
Winding Number	#125		#125		#125		#125		#122 / #61		#124 / #64		#121 / #62			
Power Factor	0.8		0.8		0.8		0.8		0.8		0.8		0.8			
Y Series Star	416		440		460		480		600		660 - 690		380-416			
YY Parallel Star	208		220		230		240		300		330 - 345		190-208			
△ Series Delta	240		254		266		277		346		380 - 400		220-240			
△△ Double Delta																
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
SMF160B	8.9	7.1	9.4	7.5	9.4	7.5	9.4	7.5	9.5	7.6	NOT APPLICABLE		8.9	7.1		
SMF160C	12.0	9.6	12.5	10.0	12.5	10.0	12.5	10.0	12.6	10.1			12.1	9.7		
SMF160D	14.8	11.8	15.6	12.5	15.6	12.5	15.6	12.5	15.6	12.5			14.8	11.8		
SMF160E	17.8	14.2	18.8	15.0	18.8	15.0	18.8	15.0	18.8	15.0			18.9	15.1		
SMF180B	20.8	16.6	21.8	17.4	21.8	17.4	21.8	17.4	20.0	16.0			21.5	17.2		
SMF180C	25.0	20.0	26.3	21.0	26.3	21.0	28.4	22.7	28.4	22.7			25.1	20.1		
SMF180DS	27.5	22.0	28.8	23.0	28.8	23.0	30.0	24.0	30.0	24.0			26.0	20.8		
SMF180D	30.0	24.0	31.3	25.0	31.3	25.0	32.5	26.0	32.8	26.2			30.2	24.2		
SMF180E	31.3	25.0	34.4	27.5	34.4	27.5	34.4	27.5	34.5	27.6			34.8	27.8		
SMF180F	40.8	32.6	43.0	34.4	43.0	34.4	43.0	34.4	43.2	34.6			40.0	32.0		
SMF180G	44.0	35.1	46.0	37.0	46.0	37.0	46.0	37.0	50.2	40.2			44.1	35.3		
SMF225B	45.0	36.0	46.5	37.2	46.5	37.2	48.1	38.5	48.1	38.5			48.2	38.6		
SMF225C	52.4	41.9	56.0	44.8	56.0	44.8	58.0	46.4	58.3	46.6			56.3	45.0		
SMF225D	62.5	50.0	65.0	52.0	65.0	52.0	68.0	54.4	68.7	55.0			65.5	52.4		
SMF225E	75.0	60.0	80.1	64.1	80.1	64.1	82.5	66.0	83.1	66.5			75.5	60.4		
SMF225FS	82.5	66.0	84.6	67.7	84.6	67.7	84.6	67.7	89.0	71.2			85.3	68.2		
SMF225F	87.6	70.1	91.0	72.8	93.0	74.4	95	76.3	95.4	76.3			94	75.4		
SMF225G	92.6	74.1	96	76.8	98	78.4	101	80.8	99	79.3			98	78.4		
SMF270B	98	78	107	86	107	86	113	90	110	88.0			111	88.4		
SMF270CS	109	87	119	95	119	95	125	100	125	100			118	94		
SMF270C	124	99	129	103	129	103	135	108	132	106			120	96		
SMF270D	142	114	144	115	144	115	163	130	160	128			141	112		
SMF270ES	151	121	153	122	153	122	172	138	170	136			150	120		
SMF270E	166	133	175	140	175	140	189	151	188	150			160	128		
SMF270F	188	150	199	159	199	159	212	170	208	166			189	151		
SMF270GS	199	159	205	164	205	164	219	175	216	173			198	158		
SMF270G	220	176	226	181	226	181	238	188	238	190			220	176		
SMF270H	250	200	265	212	276	221	276	221	N/A	N/A			275	220		
SMF270J	268	214	278	222	289	231	289	231	N/A	N/A	N/A	N/A	N/A	N/A		
SMF315B	263	210	278	222	295	236	295	236	290	232	290	232	278	222		
SMF315C	318	254	337	270	346	277	346	277	345	276	318	254	319	255		
SMF315DS	330	264	349	279	358	286	358	286	356	285	325	260	330	264		
SMF315D	350	280	371	297	384	307	384	307	384	307	340	272	360	288		
SMF315E	366	293	387	310	400	320	400	320	400	320	355	284	380	304		
SMF315F	391	313	412	330	425	340	425	340	438	350	410	328	425	340		
SMF315G	420	336	446	357	466	373	466	373	465	372	435	348	465	372		
SMF355B	481	385	500	400	531	425	538	430	515	412	500	400	465	372		
SMF355C	519	415	538	430	563	450	588	470	588	470	548	438	568	454		
SMF355DS	564	451	593	474	620	496	636	508	621	497	624	499	620	496		
SMF355D	625	500	650	520	660	528	675	540	658	526	660	528	625	500		
SMF355ES	640	512	665	532	680	544	690	552	700	560	670	536	675	540		
SMF355E	690	552	720	576	730	584	752	602	750	600	685	548	755	604		
SMF355F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	844	675		
SMF400B	742	594	784	627	820	656	860	688	910	728	855	684	872	698		
SMF400C	790	632	840	672	878	702	917	734	970	776	912	729	907	725		
SMF400D	904	723	956	765	999	799	1043	834	1033	826	971	777	989	791		
SMF400E	990	792	1049	839	1097	878	1146	917	1261	1009	1185	948	1163	930		
SMF400F	1104	883	1167	934	1220	976	1274	1019	1373	1098	1290	1032	1232	986		
SMF400G	1200	960	1270	1016	1328	1062	1386	1109	1518	1214	1427	1142	1454	1163		
SMF400J	1313	1050	1375	1100	1438	1150	1500	1200	N/A	N/A	N/A	N/A	N/A	N/A		
SMF450B	1280	1024	1400	1120	1410	1128	1420	1136	1420	1136	1310	1048	1315	1052		
SMF450C	1420	1136	1520	1216	1550	1240	1580	1264	1580	1264	1460	1168	1460	1168		
SMF450D	1600	1280	1700	1360	1730	1384	1780	1424	1780	1424	1720	1376	1660	1328		
SMF450E	1700	1360	1820	1456	1850	1480	1890	1512	1890	1512	1805	1444	1790	1432		
SMF450F	1940	1552	2060	1648	2110	1688	2150	1720	2150	1720	1915	1532	1850	1480		
SMF450G	2200	1760	2350	1880	2400	1920	2450	1960	2450	1960	2200	1760	2340	1872		
SMF450H	2280	1824	2380	1904	2450	1960	2560	2048	2560	2048	2210	1768	2400	1920		

40° C

Ambient Temp.

F

Class

105° C

Temp. Rise

60 Hz

Frequency

1

Phase

4

Pole

SMF

Industrial

	1-Phase (12 leads/Reconnectable)						1-Phase(4 leads/Dedicated)											
Winding No.	#125		#125		#125		#42		#42		#42		#42		#42		#42	
Power Factor	0.8		0.8		0.8		0.8		0.8		0.8		1		1		1	
Double Delta	220		230		240													
Other							220		230		240		220		230		240	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW			kVA	kW	kVA	kW	kVA	kW
SMF160B	4.8	3.8	5.0	4.0	5.4	4.3	5.9	4.7	5.9	4.7	5.9	4.7	7.5	7.5	7.5	7.5	7.5	7.5
SMF160C	6.3	5.1	6.6	5.3	6.9	5.5	8.0	6.4	8.0	6.4	8.0	6.4	10	10	10.0	10.0	10.0	10.0
SMF160D	7.8	6.3	8.2	6.6	8.7	7.0	10.1	8.0	10.1	8.0	10.1	8.0	12.4	12.4	12.4	12.4	12.4	12.4
SMF160E	9.5	7.6	9.9	8.0	10.5	8.4	12.5	10.0	12.5	10.0	12.5	10.0	15	15	15.0	15.0	15.0	15.0
SMF180B	11.1	8.8	12.1	9.6	13.0	10.4	14.1	11.3	14.1	11.3	14.1	11.3	17	17	17.0	17.0	17.0	17.0
SMF180C	13.4	10.7	14.0	11.2	14.7	11.8	16.6	13.3	16.6	13.3	16.6	13.3	19	19	19.2	19.2	21.0	21.0
SMF180DS	15.1	12.1	15.9	12.7	16.5	13.2	18.1	14.5	18.1	14.5	18.1	14.5	21	21	21	21	22	22
SMF180D	16.1	12.9	16.9	13.5	17.6	14.1	20.1	16.1	20.1	16.1	20.1	16.1	23	23	23.5	23.5	25.0	25.0
SMF180E	16.7	13.3	17.4	13.9	18.2	14.6	23.1	18.5	23.1	18.5	23.1	18.5	27	27	27.5	27.5	29.0	29.0
SMF180F	21.7	17.4	22.7	18.2	23.6	18.9	28.9	23.2	28.9	23.2	28.9	23.2	32.2	32.2	32.2	32.2	32.2	32.2
SMF180G	23.1	18.5	24.1	19.3	25.2	20.2	32.2	25.7	32.2	25.7	32.2	25.7	36.5	36.5	36.5	36.5	36.5	36.5
SMF225B	27.6	22.1	28.9	23.2	30.0	24.0	34.0	27.2	34.0	27.2	34.0	27.2	33.8	33.8	33.8	33.8	33.8	33.8
SMF225C	32.3	25.8	33.7	26.9	35.5	28.4	40.2	32.2	40.2	32.2	40.2	32.2	40.2	40.2	40.2	40.2	40.2	40.2
SMF225D	38.3	30.6	40.2	32.2	42.0	33.6	47.5	38.0	47.5	38.0	47.5	38.0	47.5	47.5	47.5	47.5	47.5	47.5
SMF225E	45.8	36.7	47.7	38.2	52.0	41.6	57.2	45.7	57.2	45.7	57.2	45.7	57.2	57.2	57.2	57.2	57.2	57.2
SMF225FS	48.2	38.6	50.3	40.2	55.0	44.0	60.3	48.2	60.3	48.2	60.3	48.2	60.3	60.3	60.3	60.3	60.3	60.3
SMF225F	53.4	42.7	55.9	44.7	60.0	48.0	65.9	52.7	65.9	52.7	65.9	52.7	65.9	65.9	65.9	65.9	65.9	65.9
SMF225G	56.3	45.0	58.3	46.6	65.0	52.0	70.4	56.3	70.4	56.3	70.4	56.3	70.4	70.4	70.4	70.4	70.4	70.4
SMF270B	53.4	42.7	55.9	44.7	60.0	48.0	75.4	60.3	75.4	60.3	75.4	60.3	75.4	75.4	75.4	75.4	75.4	75.4
SMF270CS	60.3	48.2	62.3	49.8	68.0	54.4	80.4	64.3	80.4	64.3	80.4	64.3	80.4	80.4	80.4	80.4	80.4	80.4
SMF270C	66.3	53.1	69.1	55.3	75.0	60.0	87.9	70.4	87.9	70.4	87.9	70.4	88	88	88	88	88	88
SMF270D	76.9	61.5	80.4	64.3	86.0	68.8	101	80.4	101	80.4	101	80	101	101	101	101	101	101
SMF270ES	81.4	65.1	85.4	68.3	90	72.0	111	88.4	111	88.4	111	88	111	111	111	111	111	111
SMF270E	87.9	70.4	93	74.4	98	78.4	126	101	126	101	126	101	126	126	126	126	126	126
SMF270F	103	83	110	88	116	93	139	111	139	111	139	111	139	139	139	139	139	139
SMF270GS	111	88	116	92	120	96	141	113	141	113	141	113	141	141	141	141	141	141
SMF270G	121	96	126	101	134	107	146	117	146	117	146	117	146	146	146	146	146	146
SMF270H	136	109	146	117	155	124	NOT APPLICABLE											
SMF270J	143	114	152	121	165	132												
SMF315B	121	96	126	100	131	104												
SMF315C	145	116	155	124	160	128												
SMF315DS	155	124	160	128	165	132												
SMF315D	161	129	166	133	171	137												
SMF315E	170	136	180	144	180	144												
SMF315F	184	147	189	151	194	155												
SMF315G	195	156	200	160	210	168												
SMF355B	176	141	181	145	186	149												
SMF355C	189	151	198	158	208	166												
SMF355DS	210	168	215	172	225	180												
SMF355D	229	183	234	187	239	191												
SMF355ES	241	193	246	197	251	201												
SMF355E	251	201	256	205	261	209												
SMF400B																		
SMF400C																		
SMF400D																		
SMF400E																		
SMF400F																		
SMF400G																		
SMF450B																		
SMF450C																		
SMF450D																		
SMF450E																		
SMF450F																		
SMF450G																		
SMF450H																		

	3-Phase (12/6 leads)															
Winding Number	#125		#125		#125		#125		#122 / #61		#124 / #64		#121 / #62			
Power Factor	0.8		0.8		0.8		0.8		0.8		0.8		0.8			
Y Series Star	416		440		460		480		600		660 - 690		380-416			
YY Parallel Star	208		220		230		240		300		330 - 345		190-208			
△ Series Delta	240		254		266		277		346		380 - 400		220-240			
△△ Double Delta																
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW		
SMF160B	9.6	7.7	10.2	8.2	10.2	8.2	10.2	8.2	10.2	8.2			9.6	7.7		
SMF160C	13.0	10.4	13.8	11.0	13.8	11.0	13.8	11.0	13.9	11.1			13.1	10.5		
SMF160D	16.0	12.8	16.9	13.5	16.9	13.5	16.9	13.5	17.0	13.6			16.0	12.8		
SMF160E	18.9	15.1	20.0	16.0	20.0	16.0	20.0	16.0	20.5	16.4			20.0	16.0		
SMF180B	21.9	17.5	23.0	18.4	23.0	18.4	23.0	18.4	22.0	17.6			23.0	18.4		
SMF180C	27.5	22.0	28.8	23.0	28.8	23.0	30.0	24.0	30.0	24.0			27.5	22.0		
SMF180DS	30.0	24.0	31.3	25.0	31.3	25.0	31.3	25.0	33.0	26.4			30.0	24.0		
SMF180D	32.5	26.0	34.4	27.5	34.4	27.5	35.0	28.0	35.1	28.1			32.5	26.0		
SMF180E	35.0	28.0	37.5	30.0	37.5	30.0	37.5	30.0	37.5	30.0			37.5	30.0		
SMF180F	44.3	35.4	46.8	37.4	46.8	37.4	46.8	37.4	47.1	37.7			43.8	35.0		
SMF180G	47.5	38.0	50.0	40.0	50.0	40.0	50.0	40.0	55.2	44.2			47.5	38.0		
SMF225B	50.0	40.0	52.5	42.0	52.5	42.0	55.5	44.4	55.5	44.4			55.0	44.0		
SMF225C	60.0	48.0	62.5	50.0	62.5	50.0	65.0	52.0	65.0	52.0			63.0	50.4		
SMF225D	67.5	54.0	72.5	58.0	72.5	58.0	75.0	60.0	75.1	60.1			70.0	56.0		
SMF225E	85.0	68.0	89.0	71.2	89.0	71.2	95.0	76.0	95.0	76.0			86.0	68.8		
SMF225FS	89.5	71.6	93.5	74.8	93.5	74.8	97.5	78.0	98.0	78.4			93.8	75.0		
SMF225F	93.9	75.1	97.6	78.1	100.0	80.0	104	83.2	104.0	83.2			100	80.0		
SMF225G	98.9	79.1	103	82.1	105	83.9	109	87.2	109	87.2			110	88.0		
SMF270B	112	90	118	94	118	94	126	101	120	96.0			120	96.0		
SMF270CS	124	99	130	104	130	104	138	110	138	110			130	104		
SMF270C	134	107	141	113	141	113	150	120	150	120			135	108		
SMF270D	162	130	162	130	168	134	180	144	180	144			160	128		
SMF270ES	171	137	175	140	175	140	189	151	189	151			170	136		
SMF270E	184	147	193	154	193	154	209	167	210	168			180	144		
SMF270F	205	164	219	175	219	175	231	185	225	180			200	160		
SMF270GS	208	166	221	177	221	177	235	188	235	188			213	170		
SMF270G	240	192	246	197	246	197	258	206	260	208			240	192		
SMF270H	270	216	282	226	295	236	302	242	305	244			275	220		
SMF270J	294	235	300	240	315	252	315	252	N/A	N/A	N/A	N/A	300	240		
SMF315B	290	232	302	242	316	253	316	253	315	252	318	254	300	240		
SMF315C	345	276	360	288	378	302	378	302	375	300	342	274	350	280		
SMF315DS	357	285	367	293	390	312	390	312	396	317	360	288	368	294		
SMF315D	371	297	382	306	406	325	406	325	420	336	370	296	375	300		
SMF315E	400	320	421	337	444	355	444	355	444	355	385	308	400	320		
SMF315F	425	340	446	357	469	375	469	375	480	384	460	368	450	360		
SMF315G	456	365	481	385	500	400	500	400	500	400	475	380	500	400		
SMF355B	525	420	550	440	581	465	594	475	563	450	550	440	506	405		
SMF355C	575	460	594	475	625	500	644	515	644	515	600	480	625	500		
SMF355DS	625	500	655	524	685	548	703	562	718	575	690	552	650	520		
SMF355D	681	545	720	576	750	600	750	600	735	588	725	580	675	540		
SMF355ES	698	558	730	584	762	610	781	625	800	640	730	584	725	580		
SMF355E	738	590	775	620	800	640	825	660	825	660	750	600	825	680		
SMF355F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	913	730		
SMF400B	810	648	855	684	895	716	938	750	938	750	882	705	938	750		
SMF400C	865	692	916	733	958	766	1000	800	1000	800	940	752	975	780		
SMF400D	986	789	1043	834	1090	872	1138	910	1065	852	1001	801	1063	850		
SMF400E	1083	866	1145	916	1197	958	1250	1000	1300	1040	1222	978	1250	1000		
SMF400F	1204	963	1274	1019	1332	1066	1390	1112	1415	1132	1330	1064	1325	1060		
SMF400G	1310	1048	1386	1109	1449	1159	1513	1210	1565	1252	1471	1177	1563	1250		
SMF400J	1419	1135	1488	1190	1550	1240	1625	1340	N/A	N/A	N/A	N/A	N/A	N/A		
SMF450B	1380	1104	1500	1200	1520	1216	1530	1224	1530	1224	1410	1128	1410	1128		
SMF450C	1530	1224	1630	1304	1670	1336	1700	1360	1700	1360	1590	1272	1570	1256		
SMF450D	1715	1372	1820	1456	1880	1504	1900	1520	1900	1520	1850	1480	1780	1424		
SMF450E	1824	1459	1940	1552	1980	1584	2030	1624	2030	1624	1950	1560	1920	1536		
SMF450F	2078	1662	2220	1776	2270	1816	2315	1852	2315	1852	2065	1652	2065	1652		
SMF450G	2359	1887	2510	2008	2580	2064	2650	2120	2650	2120	2375	1900	2510	2008		
SMF450H	2435	1948	2540	2032	2650	2120	2790	2232	2790	2232	2450	1960	2650	2120		

40° C

Ambient Temp.

H

Class

125° C

Temp. Rise

60 Hz

Frequency

1

Phase

4

Pole

SMF

Industrial

	1-Phase (12 leads/Reconnectable)						1-Phase(4 leads/Dedicated)											
Winding No.	#125		#125		#125		#42		#42		#42		#42		#42		#42	
Power Factor	0.8		0.8		0.8		0.8		0.8		0.8		1		1		1	
Double Delta	220		230		240													
Other							220		230		240		220		230		240	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
SMF160B	5.1	4.1	5.5	4.4	5.7	4.6	6.5	5.2	6.5	5.2	6.5	5.2	8.3	8.3	8.3	8.3	8.3	8.3
SMF160C	6.9	5.5	7.3	5.8	7.6	6.1	8.8	7.0	8.8	7.0	8.8	7.0	11.2	11.2	11.2	11.2	11.2	11.2
SMF160D	8.5	6.8	9.0	7.2	9.3	7.4	10.9	8.7	10.9	8.7	10.9	8.7	13.6	13.6	13.6	13.6	13.6	13.6
SMF160E	10.0	8.0	10.6	8.5	11.5	9.2	13.6	10.9	13.6	10.9	13.6	10.9	16.6	16.6	16.6	16.6	16.6	16.6
SMF180B	12.0	9.6	13.5	10.8	14.0	11.2	16.0	12.8	16.0	12.8	16	12.8	19.5	19.5	19.5	19.5	19.5	19.5
SMF180C	14.6	11.7	15.4	12.3	16.2	13.0	18.5	14.8	18.5	14.8	18.5	14.8	21.2	21.2	21.2	21.2	21.2	21.2
SMF180DS	16.0	12.8	17.0	13.6	17.8	14.2	19.8	15.8	19.8	15.8	19.8	15.8	23	23	23.0	23.0	23.0	23.0
SMF180D	17.2	13.8	18.2	14.6	19.0	15.2	22.1	17.7	22.1	17.7	22.1	17.7	25.8	25.8	25.8	25.8	25.8	25.8
SMF180E	18.7	15.0	19.5	15.6	20.5	16.4	25.2	20.2	25.2	20.2	25.2	20.2	30	30	30.0	30.0	30.0	30.0
SMF180F	23.6	18.9	25.0	20.0	25.9	20.7	31.5	25.2	31.5	25.2	31.5	25.2	35.3	35.3	35.3	35.3	35.3	35.3
SMF180G	25.0	20.0	26.5	21.2	27.6	22.1	35.3	28.2	35.3	28.2	35.3	28.2	40.5	40.5	40.5	40.5	40.5	40.5
SMF225B	30.5	24.4	32.5	26.0	34.1	27.3	37.8	30.2	37.8	30.2	37.8	30.2	37.8	37.8	37.8	37.8	37.8	37.8
SMF225C	36.5	29.2	38.5	30.8	40.0	32.0	44.0	35.2	44.0	35.2	44	35.2	44	44.0	44.0	44.0	44.0	44.0
SMF225D	42.0	33.6	43.5	34.8	45.5	36.4	50.0	40.0	50.0	40.0	50	40.0	50	50.0	50.0	50.0	50.0	50.0
SMF225E	51.0	40.8	53.0	42.4	56.0	44.8	60.0	48.0	60.0	48.0	60	48.0	60	60.0	60.0	60.0	60.0	60.0
SMF225FS	53.0	42.4	55.0	44.0	58.0	46.4	65.0	52.0	65.0	52.0	65	52.0	65	65.0	65.0	65.0	65.0	65.0
SMF225F	57.0	45.6	60.0	48.0	63.2	50.6	70.5	56.4	70.5	56.4	70.5	56.4	70.5	70.5	70.5	70.5	70.5	70.5
SMF225G	62.0	49.6	65.0	52.0	68.0	54.4	75.0	60.0	75.0	60.0	75	60.0	78	78.0	78.0	78.0	78.0	78.0
SMF270B	61.5	49.2	65.8	52.6	67.8	54.2	84.2	67.4	84.2	67.4	84.2	67.4	90	90	90	90	90	90
SMF270CS	68.0	54.4	72.0	57.6	73.5	58.8	89.0	71.2	89.0	71.2	89	71.2	95	95.0	95.0	95.0	95.0	95.0
SMF270C	72.0	57.6	78.0	62.4	78.8	63.0	96.1	76.9	96.1	76.9	96.1	76.9	101	101	101	101	101	101
SMF270D	85.0	68.0	90.0	72.0	96.3	77.0	115	92.0	115	92.0	115	92	116	116	116	116	116	116
SMF270ES	92.0	73.6	98.0	78.4	100	80.0	120	96.0	120	96.0	120	96	123	123	123	123	123	123
SMF270E	98.0	78.4	104	83.2	109	87.3	135	108	135	108	135	108	137	137	137	137	137	137
SMF270F	111	89	116	93	124	99	150	120	150	120	150	120	152	152	152	152	152	152
SMF270GS	117	94	125	100	128	102	153	122	153	122	153	122	153	153	153	153	153	153
SMF270G	128	102	136	109	143	115	158	126	158	126	158	126	158	158	158	158	158	158
SMF270H	152	122	160	128	162	130												
SMF270J	158	126	168	134	176	141												
SMF315B	130	104	135	108	142	114												
SMF315C	154	123	165	132	170	136												
SMF315DS	165	132	170	136	175	140												
SMF315D	173	138	182	146	190	152												
SMF315E	185	148	190	152	199	159												
SMF315F	205	164	210	168	220	176												
SMF315G	220	176	225	180	235	188												
SMF355B	195	156	200	160	210	168												
SMF355C	210	168	222	178	235	188												
SMF355DS	240	192	245	196	250	200												
SMF355D	250	200	263	210	275	220												
SMF355ES	260	208	270	216	280	224												
SMF355E	270	216	285	228	295	236												
SMF400B																		
SMF400C																		
SMF400D																		
SMF400E																		
SMF400F																		
SMF400G																		
SMF450B																		
SMF450C																		
SMF450D																		
SMF450E																		
SMF450F																		
SMF450G																		
SMF450H																		

	3-Phase (12/6 leads)															
Winding Number	#125		#125		#125		#125		#122 / #61		#124 / #64		#121 / #62			
Power Factor	0.8		0.8		0.8		0.8		0.8		0.8		0.8			
Y Series Star	416		440		460		480		600		660 - 690		380-416			
YY Parallel Star	208		220		230		240		300		330 - 345		190-208			
△ Series Delta	240		254		266		277		346		380 - 400		220-240			
△△ Double Delta																
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW		
SMF160B	10.0	8.0	10.7	8.6	10.7	8.6	10.7	8.6					10.0	8.0		
SMF160C	13.7	10.9	14.5	11.6	14.5	11.6	14.5	11.6					13.8	11.0		
SMF160D	16.8	13.4	17.7	14.2	17.7	14.2	17.7	14.2					16.8	13.4		
SMF160E	19.8	15.9	21.0	16.8	21.0	16.8	21.0	16.8					21.2	17.0		
SMF180B	23.0	18.4	24.2	19.3	24.2	19.3	24.2	19.3					25	20.0		
SMF180C	28.9	23.1	30.2	24.2	30.2	24.2	32	25.2					29	23.4		
SMF180DS	31.5	25.2	32.9	26.3	32.9	26.3	33	26.3					32	25.2		
SMF180D	33.8	27.0	35.0	28.0	35.0	28.0	37.5	30.0					34	28		
SMF180E	36.3	29.0	38.8	31.0	38.8	31.0	38.8	31.0					40	32		
SMF180F	45.8	36.6	48.6	38.9	48.6	38.9	48.6	38.9					46	37		
SMF180G	49.3	39.4	52.1	41.7	52.1	41.7	52.1	41.7					50.0	40.0		
SMF225B	54.0	43.2	56.0	44.8	56.0	44.8	58.2	46.6	58.2	46.6					58.3	46.6
SMF225C	62.6	50.1	65.5	52.4	65.5	52.4	69.2	55.4	69.2	55.4					65.0	52.0
SMF225D	70.0	56.0	73.8	59.0	73.8	59.0	79	63.0	78.8	63.0					74.0	59.2
SMF225E	88.8	71.0	92.5	74.0	92.5	74.0	100	80.0	98.8	79.0					90.0	72.0
SMF225FS	95.0	76.0	98.0	78.4	98.0	78.4	105	84.0	105.0	84.0					97.5	78.0
SMF225F	98	78.6	103	82.1	103	82.1	111	88.8	112.0	89.6					103	82.4
SMF225G	103	82.6	108	86.1	108	86.1	116	92.8	118	94.4					115	92.0
SMF270B	117	93.6	126	101	126	101	133	106	128	102.4					128	102.4
SMF270CS	129	103	138	110	138	110	145	116	140	112					132	106
SMF270C	141	113	147	118	147	118	156	125	158	126					138	110
SMF270D	171	137	177	142	177	142	189	151	188	150					172	138
SMF270ES	180	144	186	149	186	149	198	158	200	160					182	146
SMF270E	190	152	203	162	203	162	215	172	213	170					188	150
SMF270F	213.0	170.4	228.8	183.0	228.8	183.0	250.0	200.0	240.0	192.0					208	166
SMF270GS	220.0	176.0	237.0	189.6	237.0	189.6	255.0	204.0	250.0	200.0					225	180
SMF270G	251	201	260	208	260	208	276	221	278	222					255	204
SMF270H	288	230	300	240	314	251	320	256	329	263					290	232
SMF270J	308	246	315	252	335	268	335	268	N/A	N/A	N/A	N/A	320	256		
SMF315B	302	242	325	260	340	272	340	272	335	268	335	268	320	256		
SMF315C	365	292	387	310	401	321	401	321	400	320	365	292	378	302		
SMF315DS	377	301	399	319	413	330	413	330	413	330	375	300	400	320		
SMF315D	390	312	410	328	430	344	430	344	430	344	395	316	408	326		
SMF315E	420	336	446	357	465	372	465	372	465	372	410	328	435	348		
SMF315F	445	356	471	377	490	392	490	392	490	392	485	388	490	392		
SMF315G	485	388	518	414	536	429	536	429	536	429	500	400	535	428		
SMF355B	550	440	581	465	613	490	625	500	595	476	580	464	544	435		
SMF355C	588	470	625	500	655	524	675	540	675	540	633	500	655	524		
SMF355DS	659	527	691	552	722	577	741	592	757	605	727	581	685	548		
SMF355D	719	575	750	600	780	624	800	640	770	616	760	608	715	572		
SMF355ES	734	587	765	612	795	636	815	652	850	680	775	620	750	600		
SMF355E	782	626	820	656	850	680	875	700	875	700	790	632	875	700		
SMF355F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	938	750		
SMF400B	840	672	889	711	929	743	970	776	985	788	926	740	1004	803		
SMF400C	897	718	948	758	992	794	1035	828	1050	840	987	790	1043	835		
SMF400D	1018	814	1077	862	1126	901	1175	940	1118	895	1051	841	1137	910		
SMF400E	1118	894	1180	944	1236	989	1290	1032	1365	1092	1283	1026	1338	1070		
SMF400F	1243	994	1315	1052	1375	1100	1435	1148	1486	1189	1397	1117	1418	1134		
SMF400G	1354	1083	1432	1146	1497	1198	1563	1250	1643	1315	1545	1236	1672	1338		
SMF400J	1456	1165	1531	1225	1594	1275	1675	1340	N/A	N/A	N/A	N/A	N/A	N/A		
SMF450B	1430	1144	1570	1256	1580	1264	1595	1276	1595	1276	1450	1160	1470	1176		
SMF450C	1599	1279	1703	1363	1745	1396	1777	1421	1777	1421	1650	1320	1625	1300		
SMF450D	1780	1424	1890	1512	1940	1552	1980	1584	1980	1584	1895	1516	1875	1500		
SMF450E	1890	1512	2015	1612	2080	1664	2110	1688	2110	1688	1998	1598	2000	1600		
SMF450F	2180	1744	2300	1840	2358	1886	2410	1928	2410	1928	2145	1716	2200	1760		
SMF450G	2450	1960	2600	2080	2680	2144	2735	2188	2735	2188	2429	1943	2610	2088		
SMF450H	2560	2048	2640	2112	2770	2216	2880	2304	2880	2304	2530	2024	2700	2160		



SMF
Industrial

[illegible]

SMF
Industrial

	1-Phase (12 leads/Reconnectable)						1-Phase(4 leads/Dedicated)											
Winding No.	#125		#125		#125		#42		#42		#42		#42		#42		#42	
Power Factor	0.8		0.8		0.8		0.8		0.8		0.8		1		1		1	
Double Delta	220		230		240													
Other							220		230		240		220		230		240	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
SMF160B	NOT APPLICABLE																	
SMF160C																		
SMF160D																		
SMF160E																		
SMF180B																		
SMF180C																		
SMF180DS																		
SMF180D																		
SMF180E																		
SMF180F																		
SMF180G																		
SMF225B																		
SMF225C																		
SMF225D																		
SMF225E																		
SMF225FS																		
SMF225F																		
SMF225G																		
SMF270B																		
SMF270CS																		
SMF270C																		
SMF270D																		
SMF270ES																		
SMF270E																		
SMF270F																		
SMF270GS																		
SMF270G																		
SMF270H																		
SMF270J																		
SMF315B																		
SMF315C																		
SMF315DS																		
SMF315D																		
SMF315E																		
SMF315F																		
SMF315G																		
SMF355B																		
SMF355C																		
SMF355DS																		
SMF355D																		
SMF355ES																		
SMF355E																		
SMF400B																		
SMF400C																		
SMF400D																		
SMF400E																		
SMF400F																		
SMF400G																		
SMF450B																		
SMF450C																		
SMF450D																		
SMF450E																		
SMF450F																		
SMF450G																		
SMF450H																		

27° C	H	163° C	60 Hz								3	4	SMF					
Ambient Temp.	Class	Temp. Rise	Frequency								Phase	Pole	Industrial					
	3-Phase (12/6 leads)																	
Winding Number	#125		#125		#125		#125		#122 / #61		#124 / #64		#121 / #62					
Power Factor	0.8		0.8		0.8		0.8		0.8		0.8		0.8					
Y Series Star	416		440		460		480		600		660 - 690		380-416					
YY Parallel Star	208		220		230		240		300		330 - 345		190-208					
△ Series Delta	240		254		266		277		346		380 - 400		220-240					
△△ Double Delta																		
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW				
SMF160B	10.4	8.3	11.1	8.9	11.1	8.9	11.1	8.9					10.4	8.3				
SMF160C	14.1	11.3	15.0	12.0	15.0	12.0	15.0	12.0					14.2	11.4				
SMF160D	17.4	13.9	18.3	14.7	18.3	14.7	18.3	14.7					17.4	13.9				
SMF160E	20.5	16.4	21.7	17.4	21.7	17.4	21.7	17.4					22	17.5				
SMF180B	23.8	19.0	25.0	20.0	25.0	20.0	25.0	20.0					26	20.8				
SMF180C	30.0	24.0	31.2	25.0	31.2	25.0	32.6	26.0					30	24.1				
SMF180DS	32.6	26.0	34.0	27.2	34.0	27.2	34	27.2					33	26.0				
SMF180D	34.4	27.5	35.6	28.5	35.6	28.5	38.8	31.0					36	28				
SMF180E	36.9	29.5	40.0	32.0	40.0	32.0	40.0	32.0					41	33				
SMF180F	47.4	37.9	50.0	40.0	50.0	40.0	50.0	40.0					48	38				
SMF180G	50.6	40.5	53.5	42.8	53.5	42.8	53.5	42.8					51.8	41.4				
SMF225B	56.0	44.8	57.0	45.6	57.0	45.6	60.0	48.0					60.0	48.0				
SMF225C	65.5	52.4	66.5	53.2	66.5	53.2	71.3	57.0					72.0	57.6	66.5	53.2		
SMF225D	73.0	58.4	76.0	60.8	76.0	60.8	81.1	64.9					80.0	64.0	76.0	60.8		
SMF225E	92.0	73.6	95.1	76.1	95.1	76.1	103	82.4					104	83.2	93.0	74.4		
SMF225FS	96.5	77.2	99.6	79.7	99.6	79.7	108	86.0					109	87.2	100	80.0		
SMF225F	102	81.2	107	85.6	107	85.6	114	91.2					115	92.0	107	85.6		
SMF225G	107	85.2	112	89.6	112	89.6	119	95.2					123	98.4	118	94.4		
SMF270B	121	96.8	128	102	128	102	139	111					135	108	132	105.6		
SMF270CS	133	106	140	112	140	112	151	120					145	116	139	111		
SMF270C	144	115	153	122	153	122	162	130	160	128	143	114						
SMF270D	177	142	182	146	182	146	195	156	195	156	175	140						
SMF270ES	186	149	191	153	191	153	204	163	210	168	185	148						
SMF270E	195	156	209	167	209	167	220	176	220	176	192	154						
SMF270F	220	176	235	188	235	188	253	203	250	200	219	175						
SMF270GS	224	179	240	192	240	192	260	208	260	208	230	184						
SMF270G	258	206	266	213	266	213	282	226	285	228	265	212						
SMF270H	295	236	306	245	320	256	327	262	334	267	300	240						
SMF270J	315	252	325	260	345	276	345	276	N/A	N/A	N/A	N/A	335	268				
SMF315B	312	250	334	267	348	278	348	278	348	278	345	276	335	268				
SMF315C	375	300	395	316	415	332	415	332	415	332	375	300	385	308				
SMF315DS	387	309	407	325	426	340	426	340	431	345	390	312	415	332				
SMF315D	400	320	420	336	445	356	445	356	450	360	415	332	425	340				
SMF315E	437	350	457	366	478	382	478	382	488	390	420	336	444	355				
SMF315F	462	370	482	386	503	402	503	402	513	410	500	400	505	404				
SMF315G	505	404	532	426	555	444	555	444	547	438	520	416	550	440				
SMF355B	569	455	600	480	631	505	644	515	615	492	600	480	563	450				
SMF355C	606	485	644	515	673	538	694	555	694	555	655	524	673	538				
SMF355DS	666.0	532.8	708.0	566.0	740.0	592.0	759.0	607.2	777.0	621.0	745	596	702.0	561.6				
SMF355D	738	590	769	615	798	638	819	655	790	632	770	616	730	584				
SMF355ES	753	602	785	628	814	651	834	667	895	716	786	629	781	625				
SMF355E	810	648	845	676	880	704	910	728	910	728	800	640	906	725				
SMF355F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	963	770				
SMF400B	849	679	900	720	939	751	980	784	1004	803	943	754	1032	825				
SMF400C	905	724	958	766	1000	800	1045	836	1070	856	1006	805	1073	858				
SMF400D	1030	824	1090	872	1140	912	1190	952	1140	912	1071	857	1169	935				
SMF400E	1130	904	1195	956	1250	1000	1305	1044	1391	1113	1308	1046	1375	1100				
SMF400F	1257	1006	1329	1063	1390	1112	1450	1160	1514	1211	1423	1139	1458	1166				
SMF400G	1369	1095	1448	1158	1514	1211	1580	1264	1675	1340	1574	1259	1704	1363				
SMF400J	1619	1295	1556	1245	1613	1290	1694	1355	N/A	N/A	N/A	N/A	N/A	N/A				
SMF450B	1470	1176	1612	1290	1624	1299	1635	1308	1635	1308	1510	1208	1507	1206				
SMF450C	1650	1320	1754	1403	1783	1426	1815	1452	1815	1452	1668	1334	1672	1338				
SMF450D	1840	1472	1958	1566	1993	1594	2032	1626	2032	1626	1986	1589	1895	1516				
SMF450E	1945	1556	2084	1667	2120	1696	2187	1750	2187	1750	2074	1659	2054	1643				
SMF450F	2224	1779	2385	1908	2424	1939	2486	1989	2486	1989	2197	1758	2200	1760				
SMF450G	2515	2012	2682	2146	2745	2196	2793	2234	2793	2234	2541	2033	2691	2153				
SMF450H	2605	2084	2723	2178	2834	2267	2954	2363	2954	2363	2600	2080	2709	2167				

SMF
Industrial

	1-Phase (12 leads/Reconnectable)						1-Phase(4 leads/Dedicated)											
Winding No.	#125		#125		#125		#42		#42		#42		#42		#42		#42	
Power Factor	0.8		0.8		0.8		0.8		0.8		0.8		1		1		1	
Double Delta	220		230		240													
Other							220		230		240		220		230		240	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
SMF160B	NOT APPLICABLE																	
SMF160C																		
SMF160D																		
SMF160E																		
SMF180B																		
SMF180C																		
SMF180DS																		
SMF180D																		
SMF180E																		
SMF180F																		
SMF180G																		
SMF225B																		
SMF225C																		
SMF225D																		
SMF225E																		
SMF225FS																		
SMF225F																		
SMF225G																		
SMF270B																		
SMF270CS																		
SMF270C																		
SMF270D																		
SMF270ES																		
SMF270E																		
SMF270F																		
SMF270GS																		
SMF270G																		
SMF270H																		
SMF270J																		
SMF315B																		
SMF315C																		
SMF315DS																		
SMF315D																		
SMF315E																		
SMF315F																		
SMF315G																		
SMF355B																		
SMF355C																		
SMF355DS																		
SMF355D																		
SMF355ES																		
SMF355E																		
SMF400B																		
SMF400C																		
SMF400D																		
SMF400E																		
SMF400F																		
SMF400G																		
SMF450B																		
SMF450C																		
SMF450D																		
SMF450E																		
SMF450F																		
SMF450G																		
SMF450H																		

40° C

Ambient Temp.

F

Class

105° C

Temp. Rise

50 Hz

Frequency

1

Phase

4

Pole

SMU

Industrial

	1-Phase (12 leads/Reconnectable)						1-Phase(4 leads/Dedicated)											
Winding No.	#125		#125		#125		#41		#41		#41		#41		#41		#41	
Power Factor	0.8		0.8		0.8		0.8		0.8		0.8		1		1		1	
Double Delta	220		230		240													
Other							220		230		240		220		230		240	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
SMU160B	4.4	3.5	4.4	3.5	4.4	3.5	5.0	4.0	5.0	4.0	5.0	4.0	6.2	6.2	6.2	6.2	6.2	6.2
SMU160C	5.8	4.7	5.8	4.7	5.8	4.7	6.8	5.5	6.8	5.5	6.8	5.5	7.6	7.6	7.6	7.6	7.6	7.6
SMU160D	7.3	5.9	7.3	5.9	7.3	5.9	8.5	6.8	8.5	6.8	8.5	6.8	9.6	9.6	9.6	9.6	9.6	9.6
SMU160E	8.8	7.1	8.8	7.1	8.8	7.1	10.1	8.0	10.1	8.0	10.1	8.0	11.8	11.8	11.8	11.8	11.8	11.8
SMU180B	10.7	8.5	10.7	8.5	10.7	8.5	11.6	9.2	11.6	9.2	11.6	9.2	13.0	13.0	13.0	13.0	13.0	13.0
SMU180C	11.7	9.3	11.7	9.3	11.7	9.3	13.6	10.9	13.6	10.9	13.6	10.9	15.0	15.0	15.0	15.0	15.0	15.0
SMU180DS	13.1	10.5	13.1	10.5	13.1	10.5	14.6	11.7	14.6	11.7	14.6	11.7	16.5	16.5	16.5	16.5	16.5	16.5
SMU180D	14.6	11.7	14.6	11.7	14.6	11.7	16.9	13.5	16.9	13.5	16.9	13.5	18.0	18.0	18.0	18.0	18.0	18.0
SMU180E	16.9	13.5	16.9	13.5	16.9	13.5	19.5	15.6	19.5	15.6	19.5	15.6	20.5	20.5	20.5	20.5	20.5	20.5
SMU180F	20.0	16.0	20.0	16.0	20.0	16.0	23.0	18.4	23.0	18.4	23.0	18.4	24.7	24.7	24.7	24.7	24.7	24.7
SMU180G	21.4	17.1	22.6	18.1	21.4	17.1	25.8	20.7	25.8	20.7	25.8	20.7	27.5	27.5	27.5	27.5	27.5	27.5
SMU225B	25.1	20.1	25.1	20.1	25.1	20.1	25.1	20.1	25.1	20.1	25.1	20.1	25.1	25.1	25.1	25.1	25.1	25.1
SMU225C	30.2	24.1	30.2	24.1	30.2	24.1	31.7	25.3	31.7	25.3	31.7	25.3	31.7	31.7	31.7	31.7	31.7	31.7
SMU225D	35.7	28.5	35.7	28.5	35.7	28.5	36.2	28.9	36.2	28.9	36.2	28.9	36.2	36.2	36.2	36.2	36.2	36.2
SMU225E	43.7	35.0	43.7	35.0	43.7	35.0	45.2	36.2	45.2	36.2	45.2	36.2	45.2	45.2	45.2	45.2	45.2	45.2
SMU225FS	46.2	37.0	46.2	37.0	46.2	37.0	50.3	40.2	50.3	40.2	50.3	40.2	50.3	50.3	50.3	50.3	50.3	50.3
SMU225F	50.3	40.2	50.3	40.2	50.3	40.2	54.3	43.4	54.3	43.4	54.3	43.4	54.3	54.3	54.3	54.3	54.3	54.3
SMU225G	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SMU270B	50.3	40.2	50.3	40.2	50.3	40.2	60.3	48.2	60.3	48.2	60.3	48.2	60.3	60.3	60.3	60.3	60.3	60.3
SMU270CS	55.3	44.2	55.3	44.2	55.3	44.2	62.3	49.8	62.3	49.8	62.3	49.8	62.3	62.3	62.3	62.3	62.3	62.3
SMU270C	60.3	48.2	60.3	48.2	60.3	48.2	66.6	53.3	66.6	53.3	66.6	53.3	66.6	66.6	66.6	66.6	66.6	66.6
SMU270D	75.4	60.3	75.4	60.3	75.4	60.3	84.4	67.5	84.4	67.5	84.4	67.5	84.4	84.4	84.4	84.4	84.4	84.4
SMU270ES	80.4	64.3	80.4	64.3	80.4	64.3	90	72.4	90	72.4	90	72.4	90.5	90.5	90.5	90.5	90.5	90.5
SMU270E	87.4	69.9	87.4	69.9	87.4	69.9	101	80.4	101	80.4	101	80.4	100.5	100.5	100.5	100.5	100.5	100.5
SMU270F	99	79.4	99	79.4	99	79.4	109	86.8	109	86.8	109	86.8	109	109	109	109	109	109
SMU270GS	104	82.8	104	82.8	104	82.8	111	88	111	88	111	88	111	111	111	111	111	111
SMU270G	111	88.4	111	88.4	111	88.4	126	101	126	101	126	101	126	126	126	126	126	126
SMU270H	127	101	127	101	127	101												
SMU270J	138	110	138	110	138	110												



SMU
Industrial

	3-Phase (12/6 Leads)															
Winding Number	#125		#125		#125		#125		#123							
Power Factor	0.8		0.8		0.8		0.8		0.8							
Y Series Star	380		400		415		440		660 - 690							
YY Parallel Star	190		200		208		220		330 - 345							
△ Series Delta	220		230		240		254		380 - 400							
△△ Double Delta																
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW						
SMU160B	8.1	6.5	8.1	6.5	8.1	6.5	6.2	5.0	N/A	N/A						
SMU160C	11.0	8.8	11.0	8.8	11.0	8.8	8.5	6.8	N/A	N/A						
SMU160D	13.5	10.8	13.5	10.8	13.5	10.8	11.0	8.8	N/A	N/A						
SMU160E	16.0	12.8	16.0	12.8	16.0	12.8	13.5	10.8	N/A	N/A						
SMU180B	18.8	15.0	18.8	15.0	18.8	15.0	15.0	12.0	20.4	16.3						
SMU180C	22.5	18.0	22.5	18.0	22.5	18.0	17.5	14.0	23.1	18.5						
SMU180DS	25.0	20.0	25.0	20.0	25.0	20.0	20.3	16.2	25	20						
SMU180D	27.5	22.0	27.5	22.0	27.5	22.0	22.5	18.0	27.8	22.2						
SMU180E	32.0	25.6	32.0	25.6	32.0	25.6	27.5	22.0	31.3	25.0						
SMU180F	37.5	30.0	37.5	30.0	37.5	30.0	32.5	26.0	33.9	27.1						
SMU180G	40.0	32.0	42.5	34.0	40.0	32.0	35.0	28.0	35.0	28.0						
SMU225B	45.0	36.0	45.0	36.0	45.0	36.0	34.0	27.2	38.1	30.5						
SMU225C	50.0	40.0	50.0	40.0	50.0	40.0	37.8	30.2	50.1	40.1						
SMU225D	60.0	48.0	60.0	48.0	60.0	48.0	45.0	36.0	52.0	41.6						
SMU225E	75.0	60.0	75.0	60.0	75.0	60.0	55.0	44.0	68.0	54.4						
SMU225FS	80.0	64.0	80.0	64.0	80.0	64.0	62.0	49.6	77.0	61.6						
SMU225F	85.0	68.0	85.0	68.0	85.0	68.0	75.0	60.0	81.0	64.8						
SMU225G	90.0	72.0	90.0	72.0	90.0	72.0	81.3	65.0	85.0	68.0						
SMU270B	100	80.0	100	80.0	100	80.0	N/A	N/A	100	80.0						
SMU270CS	113	90.0	113	90.0	113	90.0	N/A	N/A	108	86.4						
SMU270C	125	100	125	100	125	100	N/A	N/A	115	92						
SMU270D	140	112	140	112	140	112	N/A	N/A	140	112						
SMU270ES	150	120	150	120	150	120	N/A	N/A	155	124						
SMU270E	163	130	163	130	163	130	N/A	N/A	163	130						
SMU270F	180	144	180	144	180	144	N/A	N/A	178	142						
SMU270GS	188	150	188	150	188	150	N/A	N/A	180	144						
SMU270G	200	160	200	160	200	160	N/A	N/A	205	164						
SMU270H	230	184	230	184	230	184	N/A	N/A	N/A	N/A						
SMU270J	250	200	250	200	250	200	N/A	N/A	N/A	N/A						
									</							

40° C

Ambient Temp.

H

Class

125° C

Temp. Rise

50 Hz

Frequency

1

Phase

4

Pole

SMU

Industrial

	1-Phase (12 leads/Reconnectable)						1-Phase(4 leads/Dedicated)											
Winding No.	#125		#125		#125		#41		#41		#41		#41		#41		#41	
Power Factor	0.8		0.8		0.8		0.8		0.8		0.8		1		1		1	
Double Delta	220		230		240													
Other							220		230		240		220		230		240	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
SMU160B	4.7	3.8	4.7	3.8	4.7	3.8	5.4	4.3	5.4	4.3	5.4	4.3	6.8	6.8	6.8	6.8	6.8	6.8
SMU160C	6.4	5.1	6.4	5.1	6.4	5.1	7.4	5.9	7.4	5.9	7.4	5.9	8.4	8.4	8.4	8.4	8.4	8.4
SMU160D	7.8	6.3	7.8	6.3	7.8	6.3	9.0	7.2	9.0	7.2	9.0	7.2	11.0	11.0	11.0	11.0	11.0	11.0
SMU160E	9.3	7.5	9.3	7.5	9.3	7.5	10.8	8.6	10.8	8.6	10.8	8.6	13.0	13.0	13.0	13.0	13.0	13.0
SMU180B	11.8	9.5	11.8	9.5	11.8	9.5	13.0	10.4	13.0	10.4	13.0	10.4	15.0	15.0	15.0	15.0	15.0	15.0
SMU180C	13.0	10.4	13.0	10.4	13.0	10.4	15.0	12.0	15.0	12.0	15.0	12.0	16.6	16.6	16.6	16.6	16.6	16.6
SMU180DS	15.1	12.1	15.1	12.1	15.1	12.1	16.5	13.2	16.5	13.2	16.5	13.2	18.0	18.0	18.0	18.0	18.0	18.0
SMU180D	16.1	12.9	16.1	12.9	16.1	12.9	18.5	14.8	18.5	14.8	18.5	14.8	20.0	20.0	20.0	20.0	20.0	20.0
SMU180E	18.2	14.6	18.2	14.6	18.2	14.6	21.0	16.8	21.0	16.8	21.0	16.8	22.8	22.8	22.8	22.8	22.8	22.8
SMU180F	21.8	17.4	21.8	17.4	21.8	17.4	25.0	20.0	25.0	20.0	25.0	20.0	27.0	27.0	27.0	27.0	27.0	27.0
SMU180G	23.3	18.7	24.7	19.8	23.3	18.7	28.0	22.4	28.0	22.4	28.0	22.4	30.0	30.0	30.0	30.0	30.0	30.0
SMU225B	28.6	22.9	28.6	22.9	28.6	22.9	28.0	22.4	28.0	22.4	28.0	22.4	28.0	28.0	28.0	28.0	28.0	28.0
SMU225C	33.7	26.9	33.7	26.9	33.7	26.9	35.0	28.0	35.0	28.0	35.0	28.0	35.0	35.0	35.0	35.0	35.0	35.0
SMU225D	40.2	32.2	40.2	32.2	40.2	32.2	40.0	32.0	40.0	32.0	40.0	32.0	40.0	40.0	40.0	40.0	40.0	40.0
SMU225E	48.7	39.0	48.7	39.0	48.7	39.0	50.0	40.0	50.0	40.0	50.0	40.0	50.0	50.0	50.0	50.0	50.0	50.0
SMU225FS	53.0	42.4	53.0	42.4	53.0	42.4	57.0	45.6	57.0	45.6	57.0	45.6	55.0	55.0	55.0	55.0	55.0	55.0
SMU225F	56.8	45.4	56.8	45.4	56.8	45.4	60.0	48.0	60.0	48.0	60.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0
SMU225G	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SMU270B	60.3	48.2	60.3	48.2	60.3	48.2	66.0	52.8	66.0	52.8	66.0	52.8	66.0	66.0	66.0	66.0	66.0	66.0
SMU270CS	66.3	53.1	66.3	53.1	66.3	53.1	70.0	56.0	70.0	56.0	70.0	56.0	70.0	70.0	70.0	70.0	70.0	70.0
SMU270C	68.3	54.7	68.3	54.7	68.3	54.7	75.0	60.0	75.0	60.0	75.0	60.0	74.0	74.0	74.0	74.0	74.0	74.0
SMU270D	85.4	68.3	85.4	68.3	85.4	68.3	94.0	75.2	94.0	75.2	94.0	75.2	94.0	94.0	94.0	94.0	94.0	94.0
SMU270ES	90.5	72.4	90.5	72.4	90.5	72.4	100	80.0	100	80.0	100	80.0	100	100	100	100	100	100
SMU270E	96.5	77.2	96.5	77.2	96.5	77.2	110	88.0	110	88.0	110	88.0	110	110	110	110	110	110
SMU270F	109	86.8	109	86.8	109	86.8	120	96.0	120	96.0	120	96.0	120	120	120	120	120	120
SMU270GS	115	91.7	115	91.7	115	91.7	125	100	125	100	125	100	125	125	125	125	125	125
SMU270G	120	96.0	120	96.0	120	96.0	140	112	140	112	140	112	140	140	140	140	140	140
SMU270H	139	111	139	111	139	111	NOT APPLICABLE											
SMU270J	150	120	150	120	150	120												



SMU
Industrial

	3-Phase (12/6 Leads)															
Winding Number	#125		#125		#125		#125		#123							
Power Factor	0.8		0.8		0.8		0.8		0.8							
Y Series Star	380		400		415		440		660 - 690							
YY Parallel Star	190		200		208		220		330 - 345							
△ Series Delta	220		230		240		254		380 - 400							
△△ Double Delta																
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW						
SMU160B	8.5	6.8	8.5	6.8	8.5	6.8	6.5	5.2	N/A	N/A						
SMU160C	11.6	9.2	11.6	9.2	11.6	9.2	8.9	7.1	N/A	N/A						
SMU160D	14.2	11.3	14.2	11.3	14.2	11.3	11.6	9.2	N/A	N/A						
SMU160E	16.8	13.4	16.8	13.4	16.8	13.4	14.2	11.3	N/A	N/A						
SMU180B	19.7	15.8	19.7	15.8	19.7	15.8	15.8	12.6	21.4	17.1						
SMU180C	23.6	18.9	23.6	18.9	23.6	18.9	18.4	14.7	24.3	19.4						
SMU180DS	26.3	21.0	26.3	21.0	26.3	21.0	21.3	17.1	26.3	21.0						
SMU180D	29.0	23.2	29.0	23.2	29.0	23.2	23.7	19.0	29.1	23.3						
SMU180E	32.5	26.0	32.5	26.0	32.5	26.0	28.5	22.8	32.5	26.0						
SMU180F	39.0	31.2	39.0	31.2	39.0	31.2	33.8	27.0	35.0	28.0						
SMU180G	41.6	33.3	44.0	35.2	41.6	33.3	36.5	29.2	36.0	28.8						
SMU225B	46.0	36.8	46.0	36.8	46.0	36.8	36.0	28.8	40.4	32.3						
SMU225C	53.5	42.8	53.5	42.8	53.5	42.8	40.1	32.1	53.1	42.5						
SMU225D	61.5	49.2	61.5	49.2	61.5	49.2	46.0	36.8	55.1	44.1						
SMU225E	79.5	63.6	79.5	63.6	79.5	63.6	58.0	46.4	70.0	56.0						
SMU225FS	84.0	67.2	84.0	67.2	84.0	67.2	65.5	52.4	78.0	62.4						
SMU225F	87.6	70.1	87.6	70.1	87.6	70.1	77.4	61.9	82.0	65.6						
SMU225G	92.6	74.1	92.6	74.1	92.6	74.1	82.4	65.9	90.1	72.1						
SMU270B	107	85.6	107	85.6	107	85.6	N/A	N/A	108	86.5						
SMU270CS	119	94.8	119	94.8	119	94.8	N/A	N/A	114	91.6						
SMU270C	130	104	130	104	130	104	N/A	N/A	122	98						
SMU270D	146	117	146	117	146	117	N/A	N/A	145	116						
SMU270ES	155	124	155	124	155	124	N/A	N/A	164	131						
SMU270E	173	138	173	138	173	138	N/A	N/A	173	138						
SMU270F	187.0	149.6	187.0	149.6	187.0	149.6	N/A	N/A	182	145						
SMU270GS	193	154	193	154	193	154	N/A	N/A	191	153						
SMU270G	214	171	214	171	214	171	N/A	N/A	214	169						
SMU270H	250	200	250	200	250	200	N/A	N/A	N/A	N/A						
SMU270J	265	212	265	212	265	212	N/A	N/A	N/A	N/A						

27° C	H	163° C	50 Hz	3	4	SMU										
Ambient Temp.	Class	Temp. Rise	Frequency	Phase	Pole	Industrial										
	3-Phase (12/6 Leads)															
Winding Number	#125		#125		#125		#125		#123							
Power Factor	0.8		0.8		0.8		0.8		0.8							
Y Series Star	380		400		415		440		660 - 690							
YY Parallel Star	190		200		208		220		330 - 345							
△ Series Delta	220		230		240		254		380 - 400							
△△ Double Delta																
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW						
SMU160B	8.8	7.1	8.8	7.1	8.8	7.1	6.8	5.4	N/A	N/A						
SMU160C	11.9	9.5	11.9	9.5	11.9	9.5	9.2	7.4	N/A	N/A						
SMU160D	14.6	11.7	14.6	11.7	14.6	11.7	11.9	9.5	N/A	N/A						
SMU160E	17.4	13.9	17.4	13.9	17.4	13.9	14.6	11.7	N/A	N/A						
SMU180B	20.3	16.3	20.3	16.3	20.3	16.3	16.3	13.0	22.1	17.7						
SMU180C	24.4	19.5	24.4	19.5	24.4	19.5	19.0	15.2	25.0	20.0						
SMU180DS	27.0	21.6	27.0	21.6	27.0	21.6	22.0	17.6	27.0	21.6						
SMU180D	30.0	24.0	30.0	24.0	30.0	24.0	24.5	19.6	30.2	24.2						
SMU180E	33.0	26.4	33.0	26.4	33.0	26.4	29.0	23.2	33.5	26.8						
SMU180F	40.0	32.0	40.0	32.0	40.0	32.0	34.7	27.8	35.5	28.4						
SMU180G	42.8	34.2	45.0	36.0	42.8	34.2	37.5	30.0	36.8	29.4						
SMU225B	48.0	38.4	48.0	38.4	48.0	38.4	37.0	29.6	41.5	33.2						
SMU225C	55.1	44.1	55.1	44.1	55.1	44.1	42.0	33.6	54.6	43.7						
SMU225D	63.5	50.8	63.5	50.8	63.5	50.8	47.3	37.8	56.7	45.3						
SMU225E	83.0	66.4	83.0	66.4	83.0	66.4	60.5	48.4	72.0	57.6						
SMU225FS	87.5	70.0	87.5	70.0	87.5	70.0	68.0	54.4	81.0	64.8						
SMU225F	90.8	72.6	90.8	72.6	90.8	72.6	81.2	65.0	85.0	68.0						
SMU225G	95.8	76.6	95.8	76.6	95.8	76.6	86.2	69.0	92.7	74.1						
SMU270B	112	89.6	112	89.6	112	89.6	N/A	N/A	111	88.9						
SMU270CS	124	98.8	124	98.8	124	98.8	N/A	N/A	118	94.2						
SMU270C	135	108	135	108	135	108	N/A	N/A	125	100						
SMU270D	152	122	152	122	152	122	N/A	N/A	152	122						
SMU270ES	161	129	161	129	161	129	N/A	N/A	169	135						
SMU270E	178	142	178	142	178	142	N/A	N/A	178	142						
SMU270F	194	155	194	155	194	155	N/A	N/A	189	151						
SMU270GS	202	162	202	162	202	162	N/A	N/A	196	157						
SMU270G	224	179	224	179	224	179	N/A	N/A	220	176						
SMU270H	262	210	262	210	262	210	N/A	N/A	N/A	N/A						
SMU270J	275	220	275	220	275	220	N/A	N/A	N/A	N/A						
SMU315B	278	222	278	222	278	222	278	222	275	220						
SMU315C	334	267	334	267	334	267	321	257	327	262						
SMU315DS	346	276	346	276	346	276	333	266	341	273						
SMU315D	360	288	360	288	360	288	360	288	355	284						
SMU315E	382	306	390	312	382	306	382	306	371	296						
SMU315F	407	326	415	332	407	326	407	326	414	331						
SMU315G	426	341	451	361	442	354	442	354	440	352						
SMU355B	495	396	520	416	495	396	495	396	468	374						
SMU355C	530	424	590	472	530	424	530	424	530	424						
SMU355DS	615	492	615	492	615	492	615	492	575	460						
SMU355D	660	528	665	532	660	528	660	528	610	488						
SMU355ES	675	540	680	544	675	540	675	540	616	493						
SMU355E	738	590	738	590	738	590	716	573	738	590						
SMU400B	745	596	792	634	792	634	718	574	803	642						
SMU400C	800	640	840	672	840	672	765	612	856	685						
SMU400D	912	730	958	766	958	766	875	700	974	779						
SMU400E	1000	800	1055	844	1055	844	960	768	1070	856						
SMU400F	1150	920	1200	960	1200	960	1090	872	1129	903						
SMU400G	1280	1024	1320	1056	1320	1056	1205	964	1338	1070						
SMU400J	1390	1112	1444	1155	1444	1155	1331	1065	N/A	N/A						
SMU450B	1320	1056	1350	1080	1350	1080	1325	1060	1350	1080						
SMU450C	1460	1168	1510	1208	1510	1208	1475	1180	1510	1208						
SMU450D	1620	1296	1670	1336	1670	1336	1640	1312	1630	1304						
SMU450E	1725	1380	1775	1420	1775	1420	1740	1392	1775	1420						
SMU450F	1980	1584	2040	1632	2040	1632	2000	1600	1900	1520						
SMU450G	2175	1740	2260	1808	2260	1808	2190	1752	2260	1808						
SMU450H	2300	1840	2390	1912	2390	1912	2320	1856	2295	1836						

40° C

Ambient Temp.

F

Class

105° C

Temp. Rise

60 Hz

Frequency

1

Phase

4

Pole

SMU

Industrial

	1-Phase (12 leads/Reconnectable)						1-Phase(4 leads/Dedicated)											
Winding No.	#125		#125		#125		#42		#42		#42		#42		#42		#42	
Power Factor	0.8		0.8		0.8		0.8		0.8		0.8		1		1		1	
Double Delta	220		230		240													
Other							220		230		240		220		230		240	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW			kVA	kW	kVA	kW	kVA	kW
SMU160B	4.8	3.8	5.0	4.0	5.4	4.3	5.9	4.7	5.9	4.7	5.9	4.7	7.5	7.5	7.5	7.5	7.5	7.5
SMU160C	6.3	5.1	6.6	5.3	6.9	5.5	8.0	6.4	8.0	6.4	8.0	6.4	10	10	10.0	10.0	10.0	10.0
SMU160D	7.8	6.3	8.2	6.6	8.7	7.0	10.1	8.0	10.1	8.0	10.1	8.0	12.4	12.4	12.4	12.4	12.4	12.4
SMU160E	9.5	7.6	9.9	8.0	10.5	8.4	12.5	10.0	12.5	10.0	12.5	10.0	15	15	15.0	15.0	15.0	15.0
SMU180B	11.1	8.8	12.1	9.6	13.0	10.4	14.1	11.3	14.1	11.3	14.1	11.3	17	17	17.0	17.0	17.0	17.0
SMU180C	13.4	10.7	14.0	11.2	14.7	11.8	16.6	13.3	16.6	13.3	16.6	13.3	19	19	19.2	19.2	21.0	21.0
SMU180DS	15.1	12.1	15.9	12.7	16.5	13.2	18.1	14.5	18.1	14.5	18.1	14.5	21	21	21	21	22	22
SMU180D	16.1	12.9	16.9	13.5	17.6	14.1	20.1	16.1	20.1	16.1	20.1	16.1	23	23	23.5	23.5	25.0	25.0
SMU180E	16.7	13.3	17.4	13.9	18.2	14.6	23.1	18.5	23.1	18.5	23.1	18.5	27	27	27.5	27.5	29.0	29.0
SMU180F	21.7	17.4	22.7	18.2	23.6	18.9	28.9	23.2	28.9	23.2	28.9	23.2	32.2	32.2	32.2	32.2	32.2	32.2
SMU180G	23.1	18.5	24.1	19.3	25.2	20.2	32.2	25.7	32.2	25.7	32.2	25.7	36.5	36.5	36.5	36.5	36.5	36.5
SMU225B	27.6	22.1	28.9	23.2	30.0	24.0	34.0	27.2	34.0	27.2	34.0	27.2	33.8	33.8	33.8	33.8	33.8	33.8
SMU225C	32.3	25.8	33.7	26.9	35.5	28.4	40.2	32.2	40.2	32.2	40.2	32.2	40.2	40.2	40.2	40.2	40.2	40.2
SMU225D	38.3	30.6	40.2	32.2	42.0	33.6	47.5	38.0	47.5	38.0	47.5	38.0	47.5	47.5	47.5	47.5	47.5	47.5
SMU225E	45.8	36.7	47.7	38.2	52.0	41.6	57.2	45.7	57.2	45.7	57.2	45.7	57.2	57.2	57.2	57.2	57.2	57.2
SMU225FS	48.2	38.6	50.3	40.2	55.0	44.0	60.3	48.2	60.3	48.2	60.3	48.2	60.3	60.3	60.3	60.3	60.3	60.3
SMU225F	53.4	42.7	55.9	44.7	60.0	48.0	65.9	52.7	65.9	52.7	65.9	52.7	65.9	65.9	65.9	65.9	65.9	65.9
SMU225G	56.3	45.0	58.3	46.6	65.0	52.0	70.4	56.3	70.4	56.3	70.4	56.3	70.4	70.4	70.4	70.4	70.4	70.4
SMU270B	53.4	42.7	55.9	44.7	60.0	48.0	75.4	60.3	75.4	60.3	75.4	60.3	75.4	75.4	75.4	75.4	75.4	75.4
SMU270CS	60.3	48.2	62.3	49.8	68.0	54.4	80.4	64.3	80.4	64.3	80.4	64.3	80.4	80.4	80.4	80.4	80.4	80.4
SMU270C	66.3	53.1	69.1	55.3	75.0	60.0	87.9	70.4	87.9	70.4	87.9	70.4	88	88	88	88	88	88
SMU270D	76.9	61.5	80.4	64.3	86.0	68.8	101	80.4	101	80.4	101	80	101	101	101	101	101	101
SMU270ES	81.4	65.1	85.4	68.3	90	72.0	111	88.4	111	88.4	111	88	111	111	111	111	111	111
SMU270E	87.9	70.4	93	74.4	98	78.4	126	101	126	101	126	101	126	126	126	126	126	126
SMU270F	103	83	110	88	116	93	139	111	139	111	139	111	139	139	139	139	139	139
SMU270GS	111	88	116	92	120	96	141	113	141	113	141	113	141	141	141	141	141	141
SMU270G	121	96	126	101	134	107	146	117	146	117	146	117	146	146	146	146	146	146
SMU270H	136	109	146	117	155	124	NOT APPLICABLE											
SMU270J	143	114	152	121	165	132												

NOT APPLICABLE

40° C

Ambient Temp.

H

Class

125° C

Temp. Rise

60 Hz

Frequency

1

Phase

4

Pole

SMU

Industrial

	1-Phase (12 leads/Reconnectable)						1-Phase(4 leads/Dedicated)											
Winding No.	#125		#125		#125		#42		#42		#42		#42		#42		#42	
Power Factor	0.8		0.8		0.8		0.8		0.8		0.8		1		1		1	
Double Delta	220		230		240													
Other							220		230		240		220		230		240	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
SMU160B	5.1	4.1	5.5	4.4	5.7	4.6	6.5	5.2	6.5	5.2	6.5	5.2	8.3	8.3	8.3	8.3	8.3	8.3
SMU160C	6.9	5.5	7.3	5.8	7.6	6.1	8.8	7.0	8.8	7.0	8.8	7.0	11.2	11.2	11.2	11.2	11.2	11.2
SMU160D	8.5	6.8	9.0	7.2	9.3	7.4	10.9	8.7	10.9	8.7	10.9	8.7	13.6	13.6	13.6	13.6	13.6	13.6
SMU160E	10.0	8.0	10.6	8.5	11.5	9.2	13.6	10.9	13.6	10.9	13.6	10.9	16.6	16.6	16.6	16.6	16.6	16.6
SMU180B	12.0	9.6	13.5	10.8	14.0	11.2	16.0	12.8	16.0	12.8	16	12.8	19.5	19.5	19.5	19.5	19.5	19.5
SMU180C	14.6	11.7	15.4	12.3	16.2	13.0	18.5	14.8	18.5	14.8	18.5	14.8	21.2	21.2	21.2	21.2	21.2	21.2
SMU180DS	16.0	12.8	17.0	13.6	17.8	14.2	19.8	15.8	19.8	15.8	19.8	15.8	23	23	23.0	23.0	23.0	23.0
SMU180D	17.2	13.8	18.2	14.6	19.0	15.2	22.1	17.7	22.1	17.7	22.1	17.7	25.8	25.8	25.8	25.8	25.8	25.8
SMU180E	18.7	15.0	19.5	15.6	20.5	16.4	25.2	20.2	25.2	20.2	25.2	20.2	30	30	30.0	30.0	30.0	30.0
SMU180F	23.6	18.9	25.0	20.0	25.9	20.7	31.5	25.2	31.5	25.2	31.5	25.2	35.3	35.3	35.3	35.3	35.3	35.3
SMU180G	25.0	20.0	26.5	21.2	27.6	22.1	35.3	28.2	35.3	28.2	35.3	28.2	40.5	40.5	40.5	40.5	40.5	40.5
SMU225B	30.5	24.4	32.5	26.0	34.1	27.3	37.8	30.2	37.8	30.2	37.8	30.2	37.8	37.8	37.8	37.8	37.8	37.8
SMU225C	36.5	29.2	38.5	30.8	40.0	32.0	44.0	35.2	44.0	35.2	44	35.2	44	44.0	44.0	44.0	44.0	44.0
SMU225D	42.0	33.6	43.5	34.8	45.5	36.4	50.0	40.0	50.0	40.0	50	40.0	50	50.0	50.0	50.0	50.0	50.0
SMU225E	51.0	40.8	53.0	42.4	56.0	44.8	60.0	48.0	60.0	48.0	60	48.0	60	60.0	60.0	60.0	60.0	60.0
SMU225FS	53.0	42.4	55.0	44.0	58.0	46.4	65.0	52.0	65.0	52.0	65	52.0	65	65.0	65.0	65.0	65.0	65.0
SMU225F	57.0	45.6	60.0	48.0	63.2	50.6	70.5	56.4	70.5	56.4	70.5	56.4	70.5	70.5	70.5	70.5	70.5	70.5
SMU225G	62.0	49.6	65.0	52.0	68.0	54.4	75.0	60.0	75.0	60.0	75	60.0	78	78.0	78.0	78.0	78.0	78.0
SMU270B	61.5	49.2	65.8	52.6	67.8	54.2	84.2	67.4	84.2	67.4	84.2	67.4	90	90	90	90	90	90
SMU270CS	68.0	54.4	72.0	57.6	73.5	58.8	89.0	71.2	89.0	71.2	89	71.2	95	95.0	95.0	95.0	95.0	95.0
SMU270C	72.0	57.6	78.0	62.4	78.8	63.0	96.1	76.9	96.1	76.9	96.1	76.9	101	101	101	101	101	101
SMU270D	85.0	68.0	90.0	72.0	96.3	77.0	115	92.0	115	92.0	115	92	116	116	116	116	116	116
SMU270ES	92.0	73.6	98.0	78.4	100	80.0	120	96.0	120	96.0	120	96	123	123	123	123	123	123
SMU270E	98.0	78.4	104	83.2	109	87.3	135	108	135	108	135	108	137	137	137	137	137	137
SMU270F	111	89	116	93	124	99	150	120	150	120	150	120	152	152	152	152	152	152
SMU270GS	117	94	125	100	128	102	153	122	153	122	153	122	153	153	153	153	153	153
SMU270G	128	102	136	109	143	115	158	126	158	126	158	126	158	158	158	158	158	158
SMU270H	152	122	160	128	162	130												
SMU270J	158	126	168	134	176	141												



SMU
Industrial

	3-Phase (12/6 leads)															
Winding Number	#125		#125		#125		#125		#122 / #61		#124 / #64		#121 / #62			
Power Factor	0.8		0.8		0.8		0.8		0.8		0.8		0.8			
Y Series Star	416		440		460		480		600		660 - 690		380-416			
YY Parallel Star	208		220		230		240		300		330 - 345		190-208			
△ Series Delta	240		254		266		277		346		380 - 400		220-240			
△△ Double Delta																
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW		
SMU160B	10.0	8.0	10.7	8.6	10.7	8.6	10.7	8.6					10.0	8.0		
SMU160C	13.7	10.9	14.5	11.6	14.5	11.6	14.5	11.6					13.8	11.0		
SMU160D	16.8	13.4	17.7	14.2	17.7	14.2	17.7	14.2					16.8	13.4		
SMU160E	19.8	15.9	21.0	16.8	21.0	16.8	21.0	16.8					21.2	17.0		
SMU180B	23.0	18.4	24.2	19.3	24.2	19.3	24.2	19.3					25	20.0		
SMU180C	28.9	23.1	30.2	24.2	30.2	24.2	32	25.2					29	23.4		
SMU180DS	31.5	25.2	32.9	26.3	32.9	26.3	33	26.3					32	25.2		
SMU180D	33.8	27.0	35.0	28.0	35.0	28.0	37.5	30.0					34	28		
SMU180E	36.3	29.0	38.8	31.0	38.8	31.0	38.8	31.0					40	32		
SMU180F	45.8	36.6	48.6	38.9	48.6	38.9	48.6	38.9					46	37		
SMU180G	49.3	39.4	52.1	41.7	52.1	41.7	52.1	41.7	50.0	40.0						
SMU225B	54.0	43.2	56.0	44.8	56.0	44.8	58.2	46.6	58.2	46.6		58.3	46.6			
SMU225C	62.6	50.1	65.5	52.4	65.5	52.4	69.2	55.4	69.2	55.4		65.0	52.0			
SMU225D	70.0	56.0	73.8	59.0	73.8	59.0	79	63.0	78.8	63.0		74.0	59.2			
SMU225E	88.8	71.0	92.5	74.0	92.5	74.0	100	80.0	98.8	79.0		90.0	72.0			
SMU225FS	95.0	76.0	98.0	78.4	98.0	78.4	105	84.0	105.0	84.0		97.5	78.0			
SMU225F	98	78.6	103	82.1	103	82.1	111	88.8	112.0	89.6		103	82.4			
SMU225G	103	82.6	108	86.1	108	86.1	116	92.8	118	94.4		115	92.0			
SMU270B	117	93.6	126	101	126	101	133	106	128	102.4		128	102.4			
SMU270CS	129	103	138	110	138	110	145	116	140	112		132	106			
SMU270C	141	113	147	118	147	118	156	125	158	126		138	110			
SMU270D	171	137	177	142	177	142	189	151	188	150	172	138				
SMU270ES	180	144	186	149	186	149	198	158	200	160	182	146				
SMU270E	190	152	203	162	203	162	215	172	213	170	188	150				
SMU270F	213.0	170.4	228.8	183.0	228.8	183.0	250.0	200.0	240.0	192.0	208	166				
SMU270GS	220.0	176.0	237.0	189.6	237.0	189.6	255.0	204.0	250.0	200.0	225	180				
SMU270G	251	201	260	208	260	208	276	221	278	222	255	204				
SMU270H	288	230	300	240	314	251	320	256	329	263	290	232				
SMU270J	308	246	315	252	335	268	335	268	N/A	N/A	N/A	N/A	320	256		



SMU
Industrial

[illegible]

			3-Phase (12/6 Leads)															
Winding Number			#125 / #65	#125 / #65	#125 / #65	#125 / #65	#123 / #63											
Power Factor			0.8	0.8	0.8	0.8	0.8											
Y Series Star			380	400	415	440	660 - 690											
YY Parallel Star			190	200	208	220	330 - 345											
△ Series Delta			220	230	240	254	380 - 400											
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW						
SMM160B			5.4	4.3	5.4	4.3	5.4	4.3	NOT APPLICABLE									
SMM160C			7.1	5.7	7.1	5.7	7.1	5.7										
SMM160D			8.9	7.1	8.9	7.1	8.9	7.1										
SMM160E			10.7	8.6	10.7	8.6	10.7	8.6										
SMM180B			12.9	10.3	12.9	10.3	12.9	10.3										
SMM180C			13.5	10.8	13.5	10.8	13.5	10.8										
SMM180DS			15.0	12.0	15.0	12.0	15.0	12.0										
SMM180D			17.8	14.2	17.8	14.2	17.8	14.2										
SMM180E			20.0	16.0	20.0	16.0	20.0	16.0										
SMM180F			27.3	21.8	27.3	21.8	27.3	21.8										
SMM180G			30.5	24.4	30.5	24.4	30.5	24.4										
SMM225B			31.2	25.0	31.2	25.0	31.2	25.0	24.9	19.9	27.8	22.2						
SMM225C			37.8	30.2	37.8	30.2	37.8	30.2	30.2	24.2	37.8	30.2						
SMM225D			42.3	33.8	42.3	33.8	42.3	33.8	33.8	27.0	40	32.0						
SMM225E			50.0	40.0	50.0	40.0	50.0	40.0	40.5	32.4	46.5	37.2						
SMM225FS			55.0	44.0	55.0	44.0	55.0	44.0	50.0	40.0	52	41.6						
SMM225F			60.0	48.0	60.0	48.0	60.0	48.0	52.5	42.0	55.5	44.4						
SMM225G			62.0	49.6	62.0	49.6	62.0	49.6	60.0	48.0	64	51.2						
SMM270B			68	54	68	54	68	54	66	53	68	54						
SMM270CS			70	56	70	56	70	56	78	62	79	63						
SMM270C			82	65	82	65	82	65	80	64	82	65						
SMM270D			100	80	100	80	100	80	97	78	100	80						
SMM270ES			105	84	105	84	105	84	103	82	105	84						
SMM270E			114	91	114	91	114	91	110	88	114	91						
SMM270F			130	104	130	104	130	104	128	102	130	104						
SMM270GS			138	110	138	110	138	110	135	108	138	110						
SMM270G			145	116	145	116	145	116	143	114	145	116						
SMM270H			150	120	150	120	150	120	147	118	150	120						
SMM270J			160	128	160	128	160	128	157	126	160	128						
SMM315B			178	142	178	142	185	148	185	148	178	142						
SMM315C			197	158	197	158	200	160	200	160	197	158						
SMM315DS			210	168	210	168	210	168	210	168	205	164						
SMM315D			230	184	230	184	235	188	235	188	230	184						
SMM315E			240	192	240	192	242	194	242	194	240	192						
SMM315F			250	200	250	200	250	200	250	200	250	200						
SMM315G			265	212	265	212	275	220	275	220	265	212						
SMM355B			325	260	325	260	330	264	330	264	298	238						
SMM355C			358	286	365	292	375	300	375	300	355	284						
SMM355DS			400	320	400	320	420	336	430	344	370	296						
SMM355D			420	336	430	344	440	352	440	352	380	304						
SMM355ES			430	344	438	350	445	356	460	368	400	320						
SMM355E			445	356	460	368	475	380	480	384	445	356						
SMM400B			490	392	520	416	520	416	490	392	454	363						
SMM400C			525	420	550	440	550	440	500	400	463	370						
SMM400D			600	480	630	504	630	504	570	456	528	422						
SMM400E			655	524	690	552	690	552	630	504	583	467						
SMM400F			750	600	780	624	780	624	705	564	653	522						
SMM400G			820	656	860	688	860	688	780	624	722	578						
SMM450B			880	704	915	732	915	732	895	716	915	732						
SMM450C			960	768	1010	808	1010	808	995	796	1015	812						
SMM450D			1090	872	1120	896	1120	896	1100	880	1108	886						
SMM450E			1160	928	1200	960	1200	960	1180	944	1206	965						
SMM450F			1330	1064	1385	1108	1385	1108	1358	1086	1290	1032						
SMM450G			1460	1168	1505	1204	1505	1204	1485	1188	1504	1203						
SMM450H			1540	1232	1598	1278	1598	1278	1580	1264	1562	1250						

			3-Phase (12/6 Leads)															
Winding Number			#125 / #65	#125 / #65	#125 / #65	#125 / #65	#123 / #63											
Power Factor			0.8	0.8	0.8	0.8	0.8											
Y Series Star			380	400	415	440	660 - 690											
YY Parallel Star			190	200	208	220	330 - 345											
△ Series Delta			220	230	240	254	380 - 400											
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW						
SMM160B			5.9	4.7	5.9	4.7	5.9	4.7	NOT APPLICABLE									
SMM160C			7.9	6.3	7.9	6.3	7.9	6.3										
SMM160D			9.8	7.9	9.8	7.9	9.8	7.9										
SMM160E			11.8	9.4	11.8	9.4	11.8	9.4										
SMM180B			14.1	11.3	14.1	11.3	14.1	11.3										
SMM180C			15.2	12.2	15.2	12.2	15.2	12.2										
SMM180DS			16.5	13.2	16.5	13.2	16.5	13.2										
SMM180D			20.1	16.1	20.1	16.1	20.1	16.1										
SMM180E			22.8	18.2	22.8	18.2	22.8	18.2										
SMM180F			30.9	24.7	30.9	24.7	30.9	24.7										
SMM180G			31.9	25.5	32.6	26.1	31.9	25.5										
SMM225B			35.2	28.2	35.2	28.2	35.2	28.2	25.6	20.5	32	25.6						
SMM225C			40.1	32.1	40.1	32.1	40.1	32.1	32.0	25.6	40.3	32.2						
SMM225D			47.8	38.2	47.8	38.2	47.8	38.2	37.2	29.8	42.3	33.8						
SMM225E			57.8	46.2	57.8	46.2	57.8	46.2	45.5	36.4	53	42.4						
SMM225FS			60.0	48.0	60.0	48.0	60.0	48.0	53.0	42.4	58	46.4						
SMM225F			65.5	52.4	65.5	52.4	65.5	52.4	60.0	48.0	64	51.2						
SMM225G			68.0	54.4	68.0	54.4	68.0	54.4	65.0	52.0	65	52.0						
SMM270B			78	62	78	62	78	62	70	56	78	62						
SMM270CS			80	64	80	64	80	64	80	64	80	64						
SMM270C			88	70	88	70	88	70	86	69	88	70						
SMM270D			113	90	113	90	113	90	110	88	113	90						
SMM270ES			120	96	120	96	120	96	117	94	120	96						
SMM270E			135	108	135	108	135	108	130	104	135	108						
SMM270F			150	120	150	120	150	120	140	112	150	120						
SMM270GS			156	125	156	125	156	125	150	120	156	125						
SMM270G			170	136	170	136	170	136	162	130	170	136						
SMM270H			180	144	180	144	180	144	170	136	180	144						
SMM270J			190	152	190	152	190	152	180	144	190	152						
SMM315B			200	160	200	160	212	170	212	170	200	160						
SMM315C			228	182	228	182	235	188	235	188	228	182						
SMM315DS			240	192	240	192	247	198	245	196	240	192						
SMM315D			260	208	260	208	266	213	266	213	260	208						
SMM315E			275	220	275	220	280	224	280	224	275	220						
SMM315F			285	228	285	228	285	228	285	228	285	228						
SMM315G			300	240	300	240	310	248	310	248	300	240						
SMM355B			368	294	375	300	385	308	385	308	342	274						
SMM355C			410	328	418	334	430	344	430	344	405	324						
SMM355DS			450	360	456	365	480	384	480	384	415	332						
SMM355D			478	382	495	396	510	408	510	408	444	355						
SMM355ES			490	392	509	407	525	420	525	420	480	384						
SMM355E			510	408	528	422	547	438	547	438	508	406						
SMM400B			556	445	590	472	599	479	532	426	494	395						
SMM400C			595	476	630	504	630	504	565	452	525	420						
SMM400D			675	540	710	568	710	568	645	516	599	479						
SMM400E			740	592	780	624	780	624	710	568	659	527						
SMM400F			850	680	875	700	875	700	800	640	743	594						
SMM400G			930	744	975	780	975	780	885	708	822	657						
SMM450B			905	724	928	742	960	768	1015	812	1030	824						
SMM450C			965	772	1012	810	1050	840	1110	888	1140	912						
SMM450D			1195	956	1250	1000	1270	1016	1248	998	1235	988						
SMM450E			1260	1008	1330	1064	1350	1080	1330	1064	1245	996						
SMM450F			1374	1099	1439	1151	1500	1200	1534	1227	1450	1160						
SMM450G			1500	1200	1587	1270	1650	1320	1670	1336	1700	1360						
SMM450H			1740	1392	1800	1440	1800	1440	1780	1424	1768	1414						

			3-Phase (12/6 Leads)															
Winding Number			#125 / #65	#125 / #65	#125 / #65	#125 / #65	#123 / #63											
Power Factor			0.8	0.8	0.8	0.8	0.8											
Y Series Star			380	400	415	440	660 - 690											
YY Parallel Star			190	200	208	220	330 - 345											
△ Series Delta			220	230	240	254	380 - 400											
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW						
SMM160B			6.8	5.5	6.8	5.5	6.8	5.5	NOT APPLICABLE									
SMM160C			9.1	7.3	9.1	7.3	9.1	7.3										
SMM160D			11.4	9.1	11.4	9.1	11.4	9.1										
SMM160E			13.7	10.9	13.7	10.9	13.7	10.9										
SMM180B			15.0	12.0	15.0	12.0	15.0	12.0										
SMM180C			16.8	13.4	16.8	13.4	16.8	13.4										
SMM180DS			18.5	14.8	18.5	14.8	18.5	14.8										
SMM180D			22.2	17.8	22.2	17.8	22.2	17.8										
SMM180E			25.0	20.0	25.0	20.0	25.0	20.0										
SMM180F			34.0	27.2	34.0	27.2	34.0	27.2										
SMM180G			34.5	27.6	34.5	27.6	34.5	27.6										
SMM225B			38.1	30.5	38.1	30.5	38.1	30.5	27.0	21.6	33.8	27.0						
SMM225C			44.2	35.4	44.2	35.4	44.2	35.4	33.0	26.4	43.6	34.9						
SMM225D			52.4	41.9	52.4	41.9	52.4	41.9	40.3	32.2	45	36.0						
SMM225E			63.7	51.0	63.7	51.0	63.7	51.0	49.4	39.5	58.3	46.6						
SMM225FS			68.0	54.4	68.0	54.4	68.0	54.4	55.0	44.0	62	49.6						
SMM225F			71.8	57.4	71.8	57.4	71.8	57.4	62.9	50.3	71.5	57.2						
SMM225G			75.0	60.0	75.0	60.0	75.0	60.0	67.0	53.6	75	60.0						
SMM270B			82	65	82	65	82	65	80	64	82	65						
SMM270CS			90	72	90	72	90	72	90	72	90	72						
SMM270C			97	78	97	78	97	78	97	78	97	78						
SMM270D			121	96	121	96	121	96	121	96	121	96						
SMM270ES			130	104	130	104	130	104	130	104	130	104						
SMM270E			141	112	141	112	141	112	141	112	141	112						
SMM270F			160	128	160	128	160	128	160	128	160	128						
SMM270GS			168	134	168	134	168	134	168	134	168	134						
SMM270G			178	142	178	142	178	142	178	142	178	142						
SMM270H			185	148	185	148	185	148	185	148	185	148						
SMM270J			195	156	195	156	195	156	195	156	195	156						
SMM315B			218	174	218	174	218	174	218	174	215	172						
SMM315C			241	193	241	193	241	193	241	193	238	190						
SMM315DS			260	208	260	208	260	208	260	208	250	200						
SMM315D			285	228	285	228	285	228	285	228	280	224						
SMM315E			300	240	300	240	300	240	300	240	305	244						
SMM315F			315	252	315	252	315	252	315	252	320	256						
SMM315G			330	264	330	264	343	274	343	274	330	264						
SMM355B			392	314	392	314	392	314	392	314	360	288						
SMM355C			438	350	438	350	438	350	438	350	435	348						
SMM355DS			485	388	485	388	485	388	485	388	455	364						
SMM355D			530	424	530	424	530	424	530	424	500	400						
SMM355ES			545	436	545	436	545	436	545	436	520	416						
SMM355E			569	455	569	455	569	455	569	455	540	432						
SMM400B			615	492	648	518	648	518	598	478	570	456						
SMM400C			655	524	690	552	690	552	630	504	600	480						
SMM400D			745	596	785	628	785	628	710	568	676	541						
SMM400E			820	656	862	690	862	690	785	628	748	598						
SMM400F			940	752	975	780	975	780	885	708	843	674						
SMM400G			1030	824	1080	864	1080	864	980	784	933	747						
SMM450B			1035	828	1090	872	1130	904	1120	896	1135	908						
SMM450C			1130	904	1190	952	1230	984	1240	992	1260	1008						
SMM450D			1355	1084	1400	1120	1400	1120	1370	1096	1365	1092						
SMM450E			1445	1156	1490	1192	1490	1192	1460	1168	1490	1192						
SMM450F			1615	1292	1700	1360	1700	1360	1680	1344	1600	1280						
SMM450G			1775	1420	1870	1496	1870	1496	1840	1472	1870	1496						
SMM450H			1925	1540	1985	1588	1985	1588	1945	1556	1935	1548						

	3-Phase (12/6 leads)															
Winding Number	#125 / #65		#125 / #65		#125 / #65		#125 / #65		#122 / #61		#124 / #64		#121 / #62			
Power Factor	0.8		0.8		0.8		0.8		0.8		0.8		0.8			
Y Series Star	416		440		460		480		600		660-690		380-416			
*YY Parallel Star	208		220		230		240		300		330-345		190-208			
△ Series Delta	240		254		266		277		346		380-400		220-240			
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW		
SMM160B	5.4	4.3	5.5	4.4	5.5	4.4	5.5	4.4	NOT APPLICABLE				4.7	3.8		
SMM160C	7.2	5.8	7.5	6.0	7.5	6.0	7.5	6.0					6.5	5.2		
SMM160D	9.0	7.2	9.3	7.4	9.3	7.4	9.3	7.4					8.0	6.4		
SMM160E	10.9	8.7	11.2	9.0	11.2	9.0	11.2	9.0					9.7	7.7		
SMM180B	14.0	11.2	14.3	11.4	14.3	11.4	14.3	11.4					13.0	10.4		
SMM180C	16.2	13.0	17.1	13.7	17.1	13.7	17.1	13.7					15.0	12.0		
SMM180DS	18.0	14.4	18.9	15.1	18.9	15.1	18.9	15.1					17.0	13.6		
SMM180D	20.4	16.3	21.8	17.4	21.8	17.4	21.8	17.4					18.6	14.9		
SMM180E	23.3	18.6	24.5	19.6	24.5	19.6	24.5	19.6					21.2	17.0		
SMM180F	32.0	25.6	33.7	27.0	33.7	27.0	33.7	27.0					29.0	23.2		
SMM180G	32.5	26.0	34.3	27.4	34.3	27.4	34.3	27.4					29.5	23.6		
SMM225B	35.2	28.2	36.4	29.1	37.8	30.2	37.8	30.2	37.8	30.2			37.6	30.1		
SMM225C	42.1	33.7	43.9	35.1	46.5	37.2	46.5	37.2	46.5	37.2			46.3	37.0		
SMM225D	47.5	38.0	50.0	40.0	53.7	43.0	53.7	43.0	53.7	43.0			50.1	40.1		
SMM225E	57.7	46.2	60.2	48.2	62.7	50.2	62.7	50.2	62.7	50.2			59.6	47.7		
SMM225FS	60.0	48.0	63.0	50.4	65.0	52.0	65.0	52.0	65.0	52.0			65.0	52.0		
SMM225F	62.6	50.1	68.9	55.1	75.5	60.4	75.5	60.4	75.5	60.4			75.0	60.0		
SMM225G	65.0	52.0	72.0	57.6	76.0	60.8	76.0	60.8	76.0	60.8			78.0	62.4		
SMM270B	75.2	60.2	77.8	62.2	80.0	64.0	80.0	64.0	80.0	64.0			81.4	65.1		
SMM270CS	80.0	64.0	83	66.2	87	69.6	87	69.6	87	69.6			85	68.0		
SMM270C	88	70	90	72	93	74	93	74	93	74			88	70.3		
SMM270D	110	88	113	90	119	95	119	95	119	95			110	88		
SMM270ES	120	96	125	100	130	104	130	104	130	104			119	95		
SMM270E	132	106	140	112	144	115	144	115	144	115			128	102		
SMM270F	152	122	164	131	168	134	168	134	168	134			148	118		
SMM270GS	160	128	170	136	175	140	175	140	175	140			159	127		
SMM270G	175	140	180	144	208	166	208	166	208	166			176	141		
SMM270H	185	148	188	150	214	171	214	171	214	171			185	148		
SMM270J	195	156	200	160	220	176	220	176	220	176			195	156		
SMM315B	200	160	205	164	220	176	225	180	225	180			222	178		
SMM315C	225	180	235	188	248	198	258	206	258	206			238	190		
SMM315DS	240	192	250	200	260	208	270	216	270	216			249	199		
SMM315D	260	208	270	216	282	226	290	232	299	239			275	220		
SMM315E	275	220	285	228	300	240	309	247	318	255			305	244		
SMM315F	310	248	322	258	320	256	330	264	339	272			320	256		
SMM315G	320	256	330	264	335	268	345	276	345	276			345	276		
SMM355B	378	302	400	320	420	336	420	336	405	324			355	284		
SMM355C	407	326	439	351	449	359	465	372	468	374			448	358		
SMM355DS	450	360	480	384	490	392	490	392	510	408			460	368		
SMM355D	497	398	520	416	526	421	526	421	518	414			480	384		
SMM355ES	510	408	540	432	560	448	560	448	570	456			530	424		
SMM355E	545	436	568	454	588	470	588	470	590	472			585	468		
SMM400B	560	448	590	472	620	496	645	516	652	522			614	491		
SMM400C	600	480	630	504	660	528	690	552	698	558			657	526		
SMM400D	680	544	720	576	750	600	780	624	789	631			743	594		
SMM400E	745	596	790	632	825	660	860	688	870	696			819	655		
SMM400F	830	664	875	700	915	732	960	768	971	777			914	731		
SMM400G	900	720	960	768	1000	800	1050	840	1062	849			1000	800		
SMM450B	988	790	1093	874	1100	880	1105	884	1098	878			1015	812		
SMM450C	1100	880	1178	942	1200	960	1210	968	1220	976			1125	900		
SMM450D	1234	987	1317	1054	1340	1072	1348	1078	1368	1094			1283	1026		
SMM450E	1312	1050	1404	1123	1450	1160	1455	1164	1456	1165			1386	1109		
SMM450F	1505	1204	1605	1284	1638	1310	1650	1320	1670	1336			1500	1200		
SMM450G	1694	1355	1808	1446	1845	1476	1890	1512	1890	1512			1800	1440		
SMM450H	1795	1436	1916	1533	1980	1584	1990	1592	1985	1588			1900	1520		

50° C
Ambient Temp.

B	70° C
Class	Temp. Rise

60 Hz

Frequency

3	4
Phase	Pole

SMM
Marine

[illegible]

	3-Phase (12/6 leads)															
Winding Number	#125 / #65		#125 / #65		#125 / #65		#125 / #65		#122 / #61		#124 / #64		#121 / #62			
Power Factor	0.8		0.8		0.8		0.8		0.8		0.8		0.8			
Y Series Star	416		440		460		480		600		660-690		380-416			
*YY Parallel Star	208		220		230		240		300		330-345		190-208			
△ Series Delta	240		254		266		277		346		380-400		220-240			
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW		
SMM160B	6.2	4.9	6.3	5.0	6.3	5.0	6.3	5.0					6.0	4.8		
SMM160C	8.2	6.6	8.6	6.8	8.6	6.8	8.6	6.8					8.0	6.4		
SMM160D	10.3	8.2	10.6	8.5	10.6	8.5	10.6	8.5					10.0	8.0		
SMM160E	12.4	9.9	12.8	10.2	12.8	10.2	12.8	10.2					12.0	9.6		
SMM180B	16.0	12.8	16.0	12.8	16.0	12.8	16.0	12.8					15.3	12.2		
SMM180C	18.4	14.7	19.3	15.4	19.3	15.4	19.3	15.4					16.7	13.4		
SMM180DS	20.0	16.0	21.8	17.4	21.8	17.4	21.8	17.4					18.0	14.4		
SMM180D	23.2	18.6	24.6	19.7	24.6	19.7	24.6	19.7					21.2	17.0		
SMM180E	26.5	21.2	27.8	22.2	27.8	22.2	27.8	22.2					24.0	19.2		
SMM180F	36.0	28.8	37.9	30.3	37.9	30.3	37.9	30.3					32.9	26.3		
SMM180G	36.6	29.3	38.9	31.1	38.9	31.1	38.9	31.1					33.5	26.8		
SMM225B	39.5	31.6	42.0	33.6	43.2	34.6	43.2	34.6	43.2	34.6			43.0	34.4		
SMM225C	47.8	38.2	50.0	40.0	51.4	41.1	51.4	41.1	51.4	41.1			51.2	41.0		
SMM225D	54.0	43.2	56.4	45.1	58.9	47.1	58.9	47.1	58.9	47.1			56.4	45.1		
SMM225E	66.0	52.8	69.2	55.4	72.1	57.7	72.1	57.7	72.1	57.7			68.9	55.1		
SMM225FS	68.7	55.0	71.2	57.0	75.0	60.0	75.0	60.0	75.0	60.0			75.0	60.0		
SMM225F	75.2	60.2	79.0	63.2	81.5	65.2	81.5	65.2	81.5	65.2			81.6	65.3		
SMM225G	80.0	64.0	84.0	67.2	86.0	68.8	86.0	68.8	86.0	68.8			87.0	69.6		
SMM270B	90.0	72.0	93.0	74.4	97.8	78.2	97.8	78.2	97.8	78.2			94.0	75.2		
SMM270CS	95.0	76.0	98	78.4	100	80.0	100	80.0	100	80.0			100	80.0		
SMM270C	108	86	110	88	113	90	113	90	113	90			108	86.2		
SMM270D	126	101	132	106	138	110	138	110	138	110			125	100		
SMM270ES	140	112	145	116	148	118	148	118	148	118			135	108		
SMM270E	150	120	157	125	164	131	164	131	164	131			148	118		
SMM270F	171	137	187	150	192	154	192	154	192	154			167	134		
SMM270GS	185	148	192	154	195	156	203	162	203	162			180	144		
SMM270G	203	162	214	171	220	176	220	176	220	176			200	160		
SMM270H	210	168	224	179	235	188	235	188	235	188			210	168		
SMM270J	225	180	232	186	238	190	239	191	239	191			225	180		
SMM315B	240	192	246	197	251	201	255	204	255	204			252	202		
SMM315C	256	205	273	218	280	224	300	240	300	240			269	215		
SMM315DS	271	217	282	226	294	235	305	244	305	244			281	225		
SMM315D	294	235	306	244	319	255	328	263	338	270			311	249		
SMM315E	320	256	330	264	345	276	350	280	350	280			345	276		
SMM315F	350	280	364	291	362	289	372	298	384	307			362	289		
SMM315G	363	290	375	300	381	305	394	315	394	315			394	315		
SMM355B	434	347	452	362	475	380	485	388	460	368			413	330		
SMM355C	465	372	490	392	510	408	531	425	540	432			510	408		
SMM355DS	500	400	520	416	540	432	565	452	560	448			520	416		
SMM355D	565	452	592	474	598	478	610	488	595	476			561	449		
SMM355ES	590	472	610	488	620	496	635	508	620	496			600	480		
SMM355E	620	496	648	518	660	528	670	536	670	536			665	532		
SMM400B	635	508	670	536	700	560	735	588	735	588			693	554		
SMM400C	675	540	720	576	750	600	780	624	780	624			736	588		
SMM400D	770	616	815	652	850	680	890	712	890	712			839	671		
SMM400E	845	676	900	720	935	748	975	780	975	780			919	736		
SMM400F	940	752	995	796	1040	832	1085	868	1085	868			1023	818		
SMM400G	1020	816	1080	864	1130	904	1180	944	1180	944			1113	890		
SMM450B	1020	816	1100	880	1120	896	1170	936	1170	936			1090	872		
SMM450C	1115	892	1180	944	1240	992	1290	1032	1290	1032			1200	960		
SMM450D	1400	1120	1500	1200	1530	1224	1550	1240	1550	1240			1450	1160		
SMM450E	1500	1200	1600	1280	1650	1320	1650	1320	1650	1320			1590	1272		
SMM450F	1700	1360	1800	1440	1850	1480	1880	1504	1880	1504			1750	1400		
SMM450G	1950	1560	2040	1632	2100	1680	2130	1704	2130	1704			2050	1640		
SMM450H	2050	1640	2190	1752	2200	1760	2280	1824	2280	1824			2100	1680		

	3-Phase (12/6 leads)															
Winding Number	#125 / #65		#125 / #65		#125 / #65		#125 / #65		#122 / #61		#124 / #64		#121 / #62			
Power Factor	0.8		0.8		0.8		0.8		0.8		0.8		0.8			
Y Series Star	416		440		460		480		600		660-690		380-416			
*YY Parallel Star	208		220		230		240		300		330-345		190-208			
△ Series Delta	240		254		266		277		346		380-400		220-240			
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW		
SMM160B	6.8	5.4	6.9	5.5	6.9	5.5	6.9	5.5					6.5	5.2		
SMM160C	9.1	7.3	9.4	7.5	9.4	7.5	9.4	7.5					8.6	6.9		
SMM160D	11.3	9.1	11.7	9.3	11.7	9.3	11.7	9.3					10.5	8.4		
SMM160E	13.6	10.9	14.0	11.2	14.0	11.2	14.0	11.2					12.8	10.2		
SMM180B	18.2	14.6	18.8	15.0	18.8	15.0	18.8	15.0					16.0	12.8		
SMM180C	20.1	16.1	21.4	17.1	21.4	17.1	21.4	17.1					18.5	14.8		
SMM180DS	22.0	17.6	25.0	20.0	25.0	20.0	25.0	20.0					19.8	15.8		
SMM180D	25.5	20.4	27.1	21.7	27.1	21.7	27.1	21.7					23.3	18.6		
SMM180E	28.0	22.4	30.0	24.0	30.0	24.0	30.0	24.0					25.6	20.5		
SMM180F	40.0	32.0	42.1	33.7	42.1	33.7	42.1	33.7					36.8	29.4		
SMM180G	40.5	32.4	43.0	34.4	43.0	34.4	43.0	34.4					37.1	29.7		
SMM225B	43.8	35.0	44.7	35.8	44.7	35.8	46.5	37.2	46.5	37.2			46.5	37.2		
SMM225C	51.0	40.8	53.1	42.5	54.3	43.4	56.3	45.0	56.3	45.0			54.3	43.4		
SMM225D	60.0	48.0	63.0	50.4	63.0	50.4	66.0	52.8	66.0	52.8			63.0	50.4		
SMM225E	72.5	58.0	75.6	60.5	75.6	60.5	80.0	64.0	80.0	64.0			72.5	58.0		
SMM225FS	76.0	60.8	81.0	64.8	85.0	68.0	85.0	68.0	85.0	68.0			78.0	62.4		
SMM225F	84.5	67.6	87.0	69.6	91.0	72.8	92.0	73.6	92.0	73.6			91.0	72.8		
SMM225G	87	70	92	73	94	75	94	75	94	75			93.0	75.0		
SMM270B	93.8	75.0	102.5	82.0	102.5	82.0	108.8	87.0	106.3	85.0			105.0	84.0		
SMM270CS	98	78	107	85	107	85	113	90	111	88			109	87		
SMM270C	115	92	118	94	120	96	125	100	125	100			115	92.0		
SMM270D	135	108	138	110	140	112	144	115	144	115			135	108		
SMM270ES	144	116	147	118	150	120	154	123	154	123			140	112		
SMM270E	156	125	163	130	168	134	169	135	169	135			155	124		
SMM270F	186	149	193	154	193	154	206	165	200	160			181	145		
SMM270GS	194	155	201	160	201	160	214	171	208	166			185	148		
SMM270G	205	164	219	175	221	177	225	180	225	180			213	170		
SMM270H	210	168	224	179	235	188	235	188	235	188			214	171		
SMM270J	228	182	239	191	245	196	245	196	245	196			231	185		
SMM315B	256	205	262	210	265	212	269	215	269	215			265	212		
SMM315C	295	236	305	244	320	256	330	264	330	264			305	244		
SMM315DS	304	243	316	253	329	263	342	273	342	273			315	252		
SMM315D	320	256	333	266	347	278	358	286	368	295			339	271		
SMM315E	337	270	350	280	362	290	370	296	370	296			355	284		
SMM315F	364	291	379	303	376	301	387	310	399	319			376	301		
SMM315G	394	315	406	325	413	330	425	340	425	340			425	340		
SMM355B	463	370	485	388	515	412	520	416	500	400			445	356		
SMM355C	500	400	520	416	545	436	570	456	570	456			545	436		
SMM355DS	533	426	554	443	576	461	602	482	597	478			581	465		
SMM355D	606	485	625	500	638	510	650	520	638	510			600	480		
SMM355ES	629	503	650	520	661	529	677	542	661	529			640	512		
SMM355E	663	530	694	555	706	565	725	580	725	580			725	580		
SMM400B	700	560	740	592	775	620	810	648	810	648			800	640		
SMM400C	750	600	790	632	830	664	865	692	865	692			840	672		
SMM400D	850	680	900	720	940	752	980	784	980	784			960	768		
SMM400E	935	748	990	792	1035	828	1080	864	1080	864			1065	852		
SMM400F	1040	832	1100	880	1150	920	1200	960	1200	960			1185	948		
SMM400G	1130	904	1200	960	1250	1000	1310	1048	1310	1048			1280	1024		
SMM450B	1155	924	1255	1004	1280	1024	1330	1064	1330	1064			1225	980		
SMM450C	1260	1008	1335	1068	1395	1116	1455	1164	1455	1164			1340	1072		
SMM450D	1535	1228	1635	1308	1670	1336	1705	1364	1705	1364			1600	1280		
SMM450E	1635	1308	1745	1396	1780	1424	1815	1452	1815	1452			1725	1380		
SMM450F	1865	1492	1990	1592	2035	1628	2075	1660	2075	1660			1890	1512		
SMM450G	2110	1688	2250	1800	2300	1840	2345	1876	2345	1876			2260	1808		
SMM450H	2230	1784	2380	1904	2430	1944	2480	1984	2480	1984			2285	1828		

SMM
Marine

[illegible]

	9-Phase (12 Leads)															
Winding Number																
Voltage	48V								24V							
Rotating Speed	1200 RPM		1500 RPM		1800 RPM		2000 RPM		1200 RPM		1500 RPM		1800 RPM		2000 RPM	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW								
SMD160B	5.3	5.0	6.4	6.1	7.6	7.2	8.0	7.6								
SMD160C	6.7	6.4	8.0	7.6	9.5	9.0	10.0	9.5								
SMD160D	8.0	7.6	9.6	9.1	11.5	10.9	12.0	11.4								
SMD160E	10.6	10.1	12.8	12.2	15.2	14.4	16.0	15.2								
SMD180B	12.4	11.8	15.0	14.3	17.7	16.8	18.0	17.1								
SMD180C	14.7	14.0	18.0	17.1	21.0	20.0	22.0	20.9								
SMD180DS	16.5	15.7	20.0	20.0	23.6	22.4	24.8	23.6								
SMD180D	19.4	18.4	23.5	22.3	27.7	26.3	29.0	27.6								
SMD180E	21.0	20.0	25.5	24.2	30.0	28.5	31.6	30.0								
SMD180F	26.0	24.7	31.6	30.0	37.3	35.4	39.0	37.1								

40° C

Ambient Temp.

F

Class

105° C

Temp. Rise

50 Hz

Frequency

1

Phase

4

Pole

SML

Industrial

	1-Phase (12 leads/Reconnectable)						1-Phase(4 leads/Dedicated)											
Winding No.	#125		#125		#125		#41		#41		#41		#41		#41		#41	
Power Factor	0.8		0.8		0.8		0.8		0.8		0.8		1		1		1	
Double Delta	220		230		240													
Other							220		230		240		220		230		240	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
SML160B	4.4	3.5	4.4	3.5	4.4	3.5	5.0	4.0	5.0	4.0	5.0	4.0	6.2	6.2	6.2	6.2	6.2	6.2
SML160C	5.8	4.7	5.8	4.7	5.8	4.7	6.8	5.5	6.8	5.5	6.8	5.5	7.6	7.6	7.6	7.6	7.6	7.6
SML160D	7.3	5.9	7.3	5.9	7.3	5.9	8.5	6.8	8.5	6.8	8.5	6.8	9.6	9.6	9.6	9.6	9.6	9.6
SML160E	8.8	7.1	8.8	7.1	8.8	7.1	10.1	8.0	10.1	8.0	10.1	8.0	11.8	11.8	11.8	11.8	11.8	11.8
SML180B	10.7	8.5	10.7	8.5	10.7	8.5	11.6	9.2	11.6	9.2	11.6	9.2	13	13	13	13	13	13
SML180C	11.7	9.3	11.7	9.3	11.7	9.3	13.6	10.9	13.6	10.9	13.6	10.9	15	15	15	15	15	15
SML180DS	13.1	10.5	13.1	10.5	13.1	10.5	14.6	11.7	14.6	11.7	14.6	11.7	16.5	16.5	16.5	16.5	16.5	16.5
SML180D	14.6	11.7	14.6	11.7	14.6	11.7	16.9	13.5	16.9	13.5	16.9	13.5	18	18	18	18	18	18
SML180E	16.9	13.5	16.9	13.5	16.9	13.5	19.5	15.6	19.5	15.6	19.5	15.6	20.5	20.5	20.5	20.5	20.5	20.5
SML180F	20.0	16.0	20.0	16.0	20.0	16.0	23.0	18.4	23.0	18.4	23.0	18.4	24.7	24.7	24.7	24.7	24.7	24.7
SML180G	21.4	17.1	21.4	17.1	21.4	17.1	25.8	20.7	25.8	20.7	25.8	20.7	27.5	27.5	27.5	27.5	27.5	27.5

40° C

Ambient Temp.

H

Class

125° C

Temp. Rise

50 Hz

Frequency

1

Phase

4

Pole

SML

Industrial

	1-Phase (12 leads/Reconnectable)						1-Phase(4 leads/Dedicated)											
Winding No.	#125		#125		#125		#41		#41		#41		#41		#41		#41	
Power Factor	0.8		0.8		0.8		0.8		0.8		0.8		1		1		1	
Double Delta	220		230		240													
Other							220		230		240		220		230		240	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
SML160B	4.7	3.8	4.7	3.8	4.7	3.8	5.4	4.3	5.4	4.3	5.4	4.3	6.8	6.8	6.8	6.8	6.8	6.8
SML160C	6.4	5.1	6.4	5.1	6.4	5.1	7.4	5.9	7.4	5.9	7.4	5.9	8.4	8.4	8.4	8.4	8.4	8.4
SML160D	7.8	6.3	7.8	6.3	7.8	6.3	9.0	7.2	9.0	7.2	9.0	7.2	11	11	11	11	11	11
SML160E	9.3	7.5	9.3	7.5	9.3	7.5	10.8	8.6	10.8	8.6	10.8	8.6	13	13	13	13	13	13
SML180B	13.1	10.5	13.1	10.5	13.1	10.5	14.0	11.2	14.0	11.2	14.0	11.2	15	15	15	15	15	15
SML180C	14.1	11.3	14.1	11.3	14.1	11.3	15.0	12.0	15.0	12.0	15.0	12.0	16.6	16.6	16.6	16.6	16.6	16.6
SML180DS	15.1	12.1	15.1	12.1	15.1	12.1	17.0	13.6	17.0	13.6	17.0	13.6	18	18	18	18	18	18
SML180D	16.1	12.9	16.1	12.9	16.1	12.9	18.5	14.8	18.5	14.8	18.5	14.8	20	20	20	20	20	20
SML180E	18.2	14.6	18.2	14.6	18.2	14.6	21.0	16.8	21.0	16.8	21.0	16.8	22.8	22.8	22.8	22.8	22.8	22.8
SML180F	21.8	17.4	21.8	17.4	21.8	17.4	25.0	20.0	25.0	20.0	25.0	20.0	27	27	27	27	27	27
SML180G	23.3	18.7	23.3	18.7	23.3	18.7	28.0	22.4	28.0	22.4	28.0	22.4	30	30	30	30	30	30

40° C

Ambient Temp.

F

Class

105° C

Temp. Rise

60 Hz

Frequency

1

Phase

4

Pole

SML

Industrial

	1-Phase (12 leads/Reconnectable)						1-Phase(4 leads/Dedicated)											
Winding No.	#125		#125		#125		#42		#42		#42		#42		#42		#42	
Power Factor	0.8		0.8		0.8		0.8		0.8		0.8		1		1		1	
Double Delta	220		230		240													
Other							220		230		240		220		230		240	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
SML160B	4.8	3.8	5.0	4.0	5.4	4.3	5.9	4.7	5.9	4.7	5.9	4.72	7.5	7.5	7.5	7.5	7.5	7.5
SML160C	6.3	5.1	6.6	5.3	6.9	5.5	8.0	6.4	8.0	6.4	8.04	6.432	10	10	10.0	10.0	10.0	10.0
SML160D	7.8	6.3	8.2	6.6	8.7	7.0	10.1	8.0	10.1	8.0	10.05	8.04	12.4	12.4	12.4	12.4	12.4	12.4
SML160E	9.5	7.6	9.9	8.0	10.5	8.4	12.5	10.0	12.5	10.0	12.46	9.97	15	15	15.0	15.0	15.0	15.0
SML180B	11.1	8.8	12.1	9.6	13.0	10.4	14.1	11.3	14.1	11.3	14.07	11.26	17	17	17.0	17.0	17.0	17.0
SML180C	13.4	10.7	14.0	11.2	14.7	11.8	16.6	13.3	16.6	13.3	16.58	13.27	19	19	19.2	19.2	21.0	21.0
SML180DS	15.1	12.1	15.9	12.7	16.5	13.2	18.1	14.5	18.1	14.5	18.09	14.47	21	21	21	21	22	22
SML180D	16.1	12.9	16.9	13.5	17.6	14.1	20.1	16.1	20.1	16.1	20.1	16.08	23	23	23.5	23.5	25.0	25.0
SML180E	16.7	13.3	17.4	13.9	18.2	14.6	23.1	18.5	23.1	18.5	23.12	18.49	27	27	27.5	27.5	30.0	30.0
SML180F	21.7	17.4	22.7	18.2	23.6	18.9	28.9	23.2	28.9	23.2	28.94	23.16	32.2	32.2	32.2	32.2	32.2	32.2
SML180G	23.1	18.5	24.1	19.3	25.2	20.2	32.2	25.7	32.2	25.7	32.16	25.73	36.5	36.5	36.5	36.5	36.5	36.5

40° C

Ambient Temp.

H

Class

125° C

Temp. Rise

60 Hz

Frequency

1

Phase

4

Pole

SML

Industrial

	1-Phase (12 leads/Reconnectable)						1-Phase(4 leads/Dedicated)											
Winding No.	#125		#125		#125		#42		#42		#42		#42		#42		#42	
Power Factor	0.8		0.8		0.8		0.8		0.8		0.8		1		1		1	
Double Delta	220		230		240													
Other							220		230		240		220		230		240	
Model	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
SML160B	5.1	4.1	5.5	4.4	5.7	4.6	6.5	5.2	6.5	5.2	6.5	5.2	8.3	8.3	8.3	8.3	8.3	8.3
SML160C	6.9	5.5	7.3	5.8	7.6	6.1	8.8	7.0	8.8	7.0	8.8	7.04	11.2	11.2	11.2	11.2	11.2	11.2
SML160D	8.5	6.8	9.0	7.2	9.3	7.4	10.9	8.7	10.9	8.7	10.9	8.72	13.6	13.6	13.6	13.6	13.6	13.6
SML160E	10.0	8.0	10.6	8.5	11.5	9.2	13.6	10.9	13.6	10.9	13.6	10.88	16.6	16.6	16.6	16.6	16.6	16.6
SML180B	12.0	9.6	13.5	10.8	14.0	11.2	16.0	12.8	16.0	12.8	16	12.8	19.5	19.5	19.5	19.5	19.5	19.5
SML180C	14.6	11.7	15.4	12.3	16.2	13.0	18.5	14.8	18.5	14.8	18.5	14.8	21.2	21.2	21.2	21.2	21.2	21.2
SML180DS	16.0	12.8	17.0	13.6	17.8	14.2	19.8	15.8	19.8	15.8	19.8	15.84	23	23	23.0	23.0	23.0	23.0
SML180D	17.2	13.8	18.2	14.6	19.0	15.2	22.1	17.7	22.1	17.7	22.1	17.68	25.8	25.8	25.8	25.8	25.8	25.8
SML180E	18.7	15.0	19.5	15.6	20.5	16.4	25.2	20.2	25.2	20.2	25.2	20.16	30	30	30.0	30.0	30.0	30.0
SML180F	23.6	18.9	25.0	20.0	25.9	20.7	31.5	25.2	31.5	25.2	31.5	25.2	35.3	35.3	35.3	35.3	35.3	35.3
SML180G	25.0	20.0	26.5	21.2	27.6	22.1	35.3	28.2	35.3	28.2	35.3	28.24	40.5	40.5	40.5	40.5	40.5	40.5