

P0 & P1 Range ~ 4 Pole Rating Chart (kVA)



Wdg	50Hz										60Hz													
	0.8pf										0.8pf									1.0pf				
	311	311	311	311	311	311	311	05	05	05	311	311	311	311	311	311	311	311	06	06	06	06	06	06
PI044D	380V	400V	415V	440V	220V	230V	240V	220V	230V	240V	380V	416V	440V	460V	480V	220V	230V	240V	220V	230V	240V	220V	230V	240V
80°C Rise	6.0	6.0	6.0	5.7	3.6	3.6	3.6	4.0	4.0	4.0	6.2	6.6	7.1	7.3	7.5	3.6	3.8	4.0	4.6	4.8	5.0	6.0	6.0	6.0
105°C Rise	6.8	6.8	6.8	6.5	4.1	4.1	4.1	4.6	4.6	4.6	7.0	7.5	8.0	8.2	8.5	4.1	4.3	4.5	5.2	5.5	5.7	6.8	6.8	6.8
125°C Rise	7.5	7.5	7.5	7.1	4.5	4.5	4.5	5.0	5.0	5.0	7.7	8.3	8.8	9.1	9.4	4.6	4.8	5.0	5.8	6.0	6.3	7.5	7.5	7.5
150°C Rise	8.1	8.1	8.1	7.7	4.9	4.9	4.9	5.4	5.4	5.4	8.3	8.9	9.5	9.8	10.1	4.9	5.1	5.3	6.2	6.5	6.8	8.1	8.1	8.1
163°C Rise	8.3	8.3	8.3	7.8	5.0	5.0	5.0	5.5	5.5	5.5	8.5	9.1	9.7	10.0	10.3	5.0	5.2	5.4	6.4	6.6	6.9	8.3	8.3	8.3
PI044E	380V	400V	415V	440V	220V	230V	240V	220V	230V	240V	380V	416V	440V	460V	480V	220V	230V	240V	220V	230V	240V	220V	230V	240V
80°C Rise	8.0	8.0	8.0	7.6	4.8	4.8	4.8	5.4	5.4	5.4	8.2	8.8	9.4	9.7	10.0	4.9	5.1	5.3	6.2	6.4	6.7	8.0	8.0	8.0
105°C Rise	9.1	9.1	9.1	8.6	5.5	5.5	5.5	6.1	6.1	6.1	9.3	10.0	10.7	11.0	11.4	5.5	5.8	6.0	7.0	7.3	7.6	9.1	9.1	9.1
125°C Rise	10.0	10.0	10.0	9.5	6.0	6.0	6.0	6.7	6.7	6.7	10.3	11.0	11.8	12.1	12.5	6.1	6.3	6.6	7.7	8.0	8.4	10.0	10.0	10.0
150°C Rise	10.8	10.8	10.8	10.3	6.5	6.5	6.5	7.2	7.2	7.2	11.1	11.9	12.7	13.1	13.5	6.6	6.8	7.1	8.3	8.7	9.0	10.8	10.8	10.8
163°C Rise	11.0	11.0	11.0	10.5	6.6	6.6	6.6	7.4	7.4	7.4	11.3	12.1	12.9	13.3	13.8	6.7	7.0	7.3	8.5	8.8	9.2	11.0	11.0	11.0
PI044F	380V	400V	415V	440V	220V	230V	240V	220V	230V	240V	380V	416V	440V	460V	480V	220V	230V	240V	220V	230V	240V	220V	230V	240V
80°C Rise	10.0	10.0	10.0	9.5	6.0	6.0	6.0	6.7	6.7	6.7	10.3	11.0	11.8	12.1	12.5	6.1	6.3	6.6	7.7	8.0	8.4	10.0	10.0	10.0
105°C Rise	11.4	11.4	11.4	10.8	6.8	6.8	6.8	7.6	7.6	7.6	11.7	12.5	13.4	13.8	14.3	6.9	7.2	7.5	8.8	9.2	9.5	11.3	11.3	11.3
125°C Rise	12.5	12.5	12.5	11.9	7.5	7.5	7.5	8.4	8.4	8.4	12.8	13.8	14.7	15.2	15.6	7.6	7.9	8.3	9.6	10.1	10.5	12.5	12.5	12.5
150°C Rise	13.5	13.5	13.5	12.8	8.1	8.1	8.1	9.0	9.0	9.0	13.8	14.9	15.9	16.4	16.9	8.2	8.6	8.9	10.4	10.9	11.3	13.5	13.5	13.5
163°C Rise	13.8	13.8	13.8	13.1	8.3	8.3	8.3	9.2	9.2	9.2	14.1	15.1	16.2	16.7	17.2	8.3	8.7	9.1	10.6	11.1	11.5	13.8	13.8	13.8

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		50Hz									60Hz														
		0.8pf									0.8pf				0.8pf			1.0pf							
		311	311	311	311	311	311	311	O5	O5	O5	311	311	311	311	311	311	311	311	O6	O6	O6	O6	O6	O6
		380V	400V	415V	440V	220V	230V	240V	220V	230V	240V	380V	416V	440V	460V	480V	220V	230V	240V	220V	230V	240V	220V	230V	240V
PI044G	80°C Rise	12.0	12.0	12.0	11.4	7.2	7.2	7.2	8.0	8.0	8.0	12.3	13.2	14.1	14.6	15.0	7.3	7.6	7.9	9.2	9.6	10.1	12.0	12.0	12.0
	105°C Rise	13.7	13.7	13.7	13.0	8.2	8.2	8.2	9.2	9.2	9.2	14.0	15.1	16.1	16.6	17.1	8.3	8.7	9.0	10.6	11.0	11.5	13.6	13.6	13.6
	125°C Rise	15.0	15.0	15.0	14.3	9.0	9.0	9.0	10.1	10.1	10.1	15.4	16.5	17.6	18.2	18.8	9.1	9.5	9.9	11.6	12.1	12.6	15.0	15.0	15.0
	150°C Rise	16.2	16.2	16.2	15.4	9.7	9.7	9.7	10.9	10.9	10.9	16.6	17.8	19.0	19.6	20.3	9.8	10.3	10.7	12.5	13.0	13.6	16.2	16.2	16.2
	163°C Rise	16.5	16.5	16.5	15.7	9.9	9.9	9.9	11.1	11.1	11.1	16.9	18.2	19.4	20.0	20.6	10.0	10.5	10.9	12.7	13.3	13.8	16.5	16.5	16.5
PI044H	80°C Rise	14.0	14.0	14.0	13.3	8.4	8.4	8.4	9.4	9.4	9.4	14.4	15.4	16.5	17.0	17.5	8.5	8.9	9.2	10.8	11.3	11.7	14.0	14.0	14.0
	105°C Rise	16.0	16.0	16.0	15.2	9.6	9.6	9.6	10.7	10.7	10.7	16.4	17.6	18.8	19.4	20.0	9.7	10.1	10.6	12.3	12.9	13.4	15.9	15.9	15.9
	125°C Rise	17.5	17.5	17.5	16.6	10.5	10.5	10.5	11.7	11.7	11.7	17.9	19.3	20.6	21.2	21.9	10.6	11.1	11.6	13.5	14.1	14.7	17.5	17.5	17.5
	150°C Rise	18.9	18.9	18.9	18.0	11.3	11.3	11.3	12.7	12.7	12.7	19.4	20.8	22.2	22.9	23.6	11.5	12.0	12.5	14.6	15.2	15.8	18.9	18.9	18.9
	163°C Rise	19.3	19.3	19.3	18.3	11.6	11.6	11.6	12.9	12.9	12.9	19.7	21.2	22.6	23.3	24.1	11.7	12.2	12.7	14.8	15.5	16.1	19.3	19.3	19.3
PI144D	80°C Rise	16.0	16.0	16.0	15.2	9.6	9.6	9.6	10.9	10.9	10.9	16.4	17.6	18.8	19.4	20.0	9.7	10.1	10.6	12.5	13.1	13.6	16.8	16.8	16.8
	105°C Rise	18.2	18.2	18.2	17.3	10.9	10.9	10.9	12.4	12.4	12.4	18.7	20.0	21.4	22.1	22.8	11.1	11.5	12.0	14.3	14.9	15.5	19.1	19.1	19.1
	125°C Rise	20.0	20.0	20.0	19.0	12.0	12.0	12.0	13.6	13.6	13.6	20.5	22.0	23.5	24.3	25.0	12.1	12.7	13.2	15.7	16.3	17.0	21.0	21.0	21.0
	150°C Rise	21.5	21.5	21.5	20.4	12.9	12.9	12.9	14.6	14.6	14.6	22.0	23.7	25.3	26.1	26.9	13.1	13.6	14.2	16.8	17.6	18.3	22.6	22.6	22.6
	163°C Rise	22.0	22.0	22.0	20.9	13.2	13.2	13.2	15.0	15.0	15.0	22.6	24.2	25.9	26.7	27.5	13.4	13.9	14.5	17.2	18.0	18.7	23.1	23.1	23.1

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Wdg	0.8pf									0.8pf					0.8pf			0.8pf			1.0pf			
	311	311	311	311	311	311	311	O5	O5	O5	311	311	311	311	311	311	311	311	O6	O6	O6	O6	O6	O6
PI144E	380V	400V	415V	440V	220V	230V	240V	220V	230V	240V	380V	416V	440V	460V	480V	220V	230V	240V	220V	230V	240V	220V	230V	240V
°C Rise	20.0	20.0	20.0	19.0	12.0	12.0	12.0	13.6	13.6	13.6	20.5	22.0	23.5	24.3	25.0	12.1	12.7	13.2	15.7	16.3	17.0	20.0	20.0	20.0
°C Rise	22.8	22.8	22.8	21.6	13.7	13.7	13.7	15.5	15.5	15.5	23.3	25.0	26.7	27.6	28.4	13.8	14.4	15.0	17.8	18.6	19.4	22.8	22.8	22.8
°C Rise	25.0	25.0	25.0	23.8	15.0	15.0	15.0	17.0	17.0	17.0	25.6	27.5	29.4	30.3	31.3	15.2	15.8	16.5	19.6	20.4	21.3	25.0	25.0	25.0
°C Rise	26.9	26.9	26.9	25.6	16.1	16.1	16.1	18.3	18.3	18.3	27.6	29.6	31.6	32.6	33.6	16.3	17.0	17.8	21.1	22.0	22.9	26.9	26.9	26.9
°C Rise	27.5	27.5	27.5	26.1	16.5	16.5	16.5	18.7	18.7	18.7	28.2	30.3	32.3	33.3	34.4	16.7	17.4	18.2	21.5	22.5	23.4	27.5	27.5	27.5

PI144F	380V	400V	415V	440V	220V	230V	240V	220V	230V	240V	380V	416V	440V	460V	480V	220V	230V	240V	220V	230V	240V	220V	230V	240V
°C Rise	22.0	22.0	22.0	20.9	13.2	13.2	13.2	15.0	15.0	15.0	22.6	24.2	25.9	26.7	27.5	13.4	13.9	14.5	17.2	18.0	18.7	22.0	22.0	22.0
°C Rise	25.0	25.0	25.0	23.8	15.0	15.0	15.0	17.0	17.0	17.0	25.6	27.5	29.4	30.3	31.3	15.2	15.8	16.5	19.6	20.4	21.3	25.0	25.0	25.0
°C Rise	27.5	27.5	27.5	26.1	16.5	16.5	16.5	18.7	18.7	18.7	28.2	30.3	32.3	33.3	34.4	16.7	17.4	18.2	21.5	22.5	23.4	27.5	27.5	27.5
°C Rise	29.6	29.6	29.6	28.1	17.8	17.8	17.8	20.2	20.2	20.2	30.3	32.6	34.8	35.9	37.0	18.0	18.8	19.5	23.2	24.2	25.2	29.6	29.6	29.6
°C Rise	30.3	30.3	30.3	28.7	18.2	18.2	18.2	20.6	20.6	20.6	31.0	33.3	35.5	36.7	37.8	18.4	19.2	20.0	23.7	24.7	25.8	30.3	30.3	30.3

PI144G	380V	400V	415V	440V	220V	230V	240V	220V	230V	240V	380V	416V	440V	460V	480V	220V	230V	240V	220V	230V	240V	220V	230V	240V
°C Rise	24.0	24.0	24.0	22.8	14.4	14.4	14.4	16.3	16.3	16.3	24.6	26.4	28.2	29.1	30.0	14.6	15.2	15.8	18.8	19.6	20.4	24.0	24.0	24.0
°C Rise	27.5	27.5	27.5	26.1	16.5	16.5	16.5	18.7	18.7	18.7	28.2	30.3	32.3	33.3	34.4	16.7	17.4	18.2	21.5	22.5	23.4	27.3	27.3	27.3
°C Rise	30.0	30.0	30.0	28.5	18.0	18.0	18.0	20.4	20.4	20.4	30.8	33.0	35.3	36.4	37.5	18.2	19.0	19.8	23.5	24.5	25.5	30.0	30.0	30.0
°C Rise	32.3	32.3	32.3	30.6	19.4	19.4	19.4	22.0	22.0	22.0	33.1	35.5	37.9	39.1	40.3	19.6	20.4	21.3	25.3	26.4	27.5	32.3	32.3	32.3
°C Rise	33.0	33.0	33.0	31.4	19.8	19.8	19.8	22.5	22.5	22.5	33.8	36.3	38.8	40.0	41.3	20.0	20.9	21.8	25.8	27.0	28.1	33.0	33.0	33.0

P0 & P1 Range ~ 4 Pole Rating Chart (kVA)



	50Hz										60Hz													
	0.8pf										0.8pf										1.0pf			
	380V	400V	415V	440V	220V	230V	240V	220V	230V	240V	380V	416V	440V	460V	480V	220V	230V	240V	220V	230V	240V	220V	230V	240V
PI144H																								
80°C Rise	28.0	28.0	28.0	26.6	16.8	16.8	16.8	19.1	19.1	19.1	28.7	30.8	32.9	34.0	35.0	17.0	17.7	18.5	21.9	22.9	23.8	28.0	28.0	28.0
105°C Rise	32.0	32.0	32.0	30.4	19.2	19.2	19.2	21.8	21.8	21.8	32.8	35.2	37.6	38.8	40.0	19.4	20.3	21.1	25.1	26.2	27.2	31.9	31.9	31.9
125°C Rise	35.0	35.0	35.0	33.3	21.0	21.0	21.0	23.8	23.8	23.8	35.9	38.5	41.1	42.4	43.8	21.3	22.2	23.1	27.4	28.6	29.8	35.0	35.0	35.0
150°C Rise	37.5	37.5	37.5	35.6	22.5	22.5	22.5	25.5	25.5	25.5	38.4	41.3	44.1	45.5	46.9	22.8	23.8	24.8	29.4	30.6	31.9	37.6	37.6	37.6
163°C Rise	38.5	38.5	38.5	36.6	23.1	23.1	23.1	26.2	26.2	26.2	39.5	42.4	45.2	46.7	48.1	23.4	24.4	25.4	30.2	31.5	32.8	38.5	38.5	38.5
PI144J																								
80°C Rise	32.0	32.0	32.0	30.4	19.2	19.2	19.2	21.8	21.8	21.8	32.8	35.2	37.6	38.8	40.0	19.4	20.3	21.1	25.1	26.2	27.2	32.0	32.0	32.0
105°C Rise	36.5	36.5	36.5	34.7	21.9	21.9	21.9	24.9	24.9	24.9	37.4	40.2	42.9	44.3	45.6	22.2	23.1	24.1	28.6	29.8	31.1	36.4	36.4	36.4
125°C Rise	40.0	40.0	40.0	38.0	24.0	24.0	24.0	27.2	27.2	27.2	41.0	44.0	47.0	48.5	50.0	24.3	25.3	26.4	31.3	32.7	34.1	40.0	40.0	40.0
150°C Rise	44.0	44.0	44.0	41.8	26.4	26.4	26.4	30.0	30.0	30.0	45.1	48.4	51.7	53.4	55.0	26.7	27.9	29.0	34.5	36.0	37.5	43.0	43.0	43.0
163°C Rise	45.0	45.0	45.0	42.8	27.0	27.0	27.0	30.6	30.6	30.6	46.1	49.5	52.9	54.6	56.3	27.3	28.5	29.7	35.2	36.8	38.3	44.0	44.0	44.0
PI144K																								
80°C Rise	32.9	32.9	32.9	31.3	19.7	19.7	19.7	22.4	22.4	22.4	34.5	39.5	40.6	40.6	42.1	21.8	22.7	23.7	25.7	26.9	28.0	33.6	33.6	33.6
105°C Rise	37.5	37.5	37.5	35.6	23.0	23.0	23.0	25.0	25.0	25.0	39.4	45.0	46.3	46.3	48.0	25.0	26.0	27.0	31.0	33.8	33.8	38.2	38.2	38.2
125°C Rise	42.5	42.5	42.5	40.4	25.0	25.0	25.0	28.5	28.5	28.5	45.1	50.0	52.5	52.5	55.0	27.0	28.5	30.0	35.0	37.5	37.5	42.0	42.0	42.0
150°C Rise	45.0	45.0	45.0	42.8	27.0	27.0	27.0	30.6	30.6	30.6	47.6	53.1	55.0	55.0	58.1	29.3	30.6	31.9	35.2	36.8	38.3	45.2	45.2	45.2
163°C Rise	46.8	46.8	46.8	44.5	28.1	28.1	28.1	31.9	31.9	31.9	49.2	55.0	56.3	56.3	60.0	30.4	31.7	33.0	36.7	38.2	39.8	46.2	46.2	46.2