

product profile

BC184 RANGE

Voltages
120V - 600V

Outputs
from 15 - 50 kVA



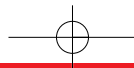
FEATURES:

- Self excited control or auxiliary winding to provide sustained short circuit capability
- Advanced automatic voltage regulator (AVR) control
- 2/3 pitch winding as standard, to avoid excessive neutral currents
- Single or two bearing construction with dynamically balanced rotor and sealed-for-life bearings
- Easy access for installation and maintenance
- IP23 as standard

OPTIONS & ACCESSORIES:

- Anti Condensation Heaters
- Air Filters
- RFI Suppression to EC Standards
- SX421 or SA465 AVRs for Parallel Operation
- Quadrature Droop kit for Parallel Operation
- SA465 AVR with 1% Regulation and 2 Phase Sensing
- SX421 AVR with improved Regulation 0.5% and 3 Phase Sensing (supplied loose)
- Marine version (Winding 71, SA465 AVR)

STAMFORD
power generation



product profile

BC184 RANGE

TYPICAL APPLICATIONS:

- Combined Heat & Power
- Parallel Operation
- Base Load Prime
- Standby
- Rental
- Telecommunication
- Marine/Offshore



Standard Winding (311)

3 Phase Ratings for STAMFORD BC184 Generators

Rating/Ambient Application/Temp Rise	50Hz (1500 rpm)									60Hz (1800 rpm)								
	Base 40°C			Peak 40°C			Peak 27°C			Base 40°C			Peak 40°C			Peak 27°C		
	Continuous 125°C			Standby 150°C			Standby 163°C			Continuous 125°C			Standby 150°C			Standby 163°C		
Voltage	380	400	415	380	400	415	380	400	415	416	440	480	416	440	480	416	440	480
BCI 184E kVA	22.5	22.5	22.5	NA	NA	NA	NA	NA	NA	27.5	28.8	30.0	NA	NA	NA	NA	NA	NA
kW	18.0	18.0	18.0	NA	NA	NA	NA	NA	NA	22.0	23.0	24.0	NA	NA	NA	NA	NA	NA
BCI 184F kVA	27.5	27.5	27.5	29.0	29.0	29.0	30.0	30.0	30.0	32.5	34.4	35.0	33.8	35.0	37.5	34.4	35.6	38.8
kW	22.0	22.0	22.0	23.2	23.2	23.2	24.0	24.0	24.0	26.0	27.5	28.0	27.0	28.0	30.0	27.5	28.5	31.0
BCI 184G kVA	31.3	31.3	31.3	32.5	32.5	32.5	33.0	33.0	33.0	35.0	37.5	37.5	36.3	38.3	38.8	36.9	40.0	40.0
kW	25.0	25.0	25.0	26.0	26.0	26.0	26.4	26.4	26.4	28.0	30.0	30.0	29.0	31.0	31.0	29.5	32.0	32.0
BCI 184H kVA	37.5	37.5	37.5	39.0	39.0	39.0	40.0	40.0	40.0	44.3	46.9	46.9	45.9	48.5	48.5	47.3	50.0	50.0
kW	30.0	30.0	30.0	31.2	31.2	31.2	32.0	32.0	32.0	35.4	37.5	37.5	36.7	38.8	38.8	37.8	40.0	40.0
BCI 184J kVA	40.0	42.5	40.0	41.5	44.0	41.5	42.5	45.0	42.5	47.3	50.0	50.0	49.2	52.0	52.0	50.6	53.5	53.5
kW	32.0	34.0	32.0	33.2	35.2	33.2	34.0	36.0	34.0	37.8	40.0	40.0	39.4	41.6	41.6	40.5	42.8	42.8

1 Phase Ratings for STAMFORD BC184 Generators

Rating/Ambient Application/Temp Rise	50Hz (1500 rpm)									60Hz (1800 rpm)								
	Base 40°C			Peak 40°C			Peak 27°C			Base 40°C			Peak 40°C			Peak 27°C		
	Continuous 125°C			Standby 150°C			Standby 163°C			Continuous 125°C			Standby 150°C			Standby 163°C		
Voltage	220	230	240	220	230	240	220	230	240	220	230	240	220	230	240	220	230	240
BCI 184E kVA	13.0	13.0	13.0	NA	NA	NA	NA	NA	NA	14.6	15.3	16.0	NA	NA	NA	NA	NA	NA
kW	10.4	10.4	10.4	NA	NA	NA	NA	NA	NA	11.7	12.2	12.8	NA	NA	NA	NA	NA	NA
BCI 184F kVA	16.0	16.0	16.0	NA	NA	NA	NA	NA	NA	17.2	18.0	18.8	NA	NA	NA	NA	NA	NA
kW	12.8	12.8	12.8	NA	NA	NA	NA	NA	NA	13.8	14.4	15.0	NA	NA	NA	NA	NA	NA
BCI 184G kVA	18.1	18.1	18.1	NA	NA	NA	NA	NA	NA	18.7	19.5	20.3	NA	NA	NA	NA	NA	NA
kW	14.5	14.5	14.5	NA	NA	NA	NA	NA	NA	15.0	15.6	16.2	NA	NA	NA	NA	NA	NA
BCI 184H kVA	21.7	21.7	21.7	NA	NA	NA	NA	NA	NA	23.6	24.6	25.7	NA	NA	NA	NA	NA	NA
kW	17.4	17.4	17.4	NA	NA	NA	NA	NA	NA	18.9	19.7	20.6	NA	NA	NA	NA	NA	NA
BCI 184J kVA	23.2	23.2	23.2	NA	NA	NA	NA	NA	NA	25.0	26.3	27.4	NA	NA	NA	NA	NA	NA
kW	18.6	18.6	18.6	NA	NA	NA	NA	NA	NA	20.0	21.0	21.9	NA	NA	NA	NA	NA	NA

Due to our policy of continuous improvement, details in this leaflet which were correct at time of printing may now be due for amendment. Information included must therefore not be regarded as binding

PM_BC184 PP_G8_11.02_02_GB

©Newage International 2002

