

product profile

BCA164 RANGE

Voltages
120V - 600V

Outputs
from 8.1 - 35.6 kVA (3 Phase)



FEATURES:

- Specially tailored single bearing generator for the Lister Petter Alpha engine range
- 12 wire reconnectable stator/terminal arrangement
- Class 'H' insulation with severe environmental protection as standard
- Self excited control or auxillary winding to provide sustained short circuit capability
- Advanced automatic voltage regulator (AVR) control
- 2/3 pitch winding as standard, to avoid excessive neutral currents
- IP23 as standard

OPTIONS & ACCESSORIES:

- Upgrade to SA465 AVR with improved regulation 0.5%
- Quadrature Droop kit for Parallel Operation
- Anti Condensation Heaters

STAMFORD
power generation



product profile

BCA164 RANGE

TYPICAL APPLICATIONS:

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



Standard Winding (311)

3 Phase Ratings for STAMFORD BCA164 Generators

Rating/Ambient Application/Temp Rise Voltage Power Factor	50Hz (1500 rpm)		60Hz (1800 rpm)	
	Base 40°C		Base 40°C	
	Continuous 125°C		Continuous 125°C	
	380 - 415V		416V	460 - 480V
BCA 164A	kVA: 8.1	kW: 6.5	9.6	10.2
BCA 164B	kVA: 11.0	kW: 8.8	13.0	13.8
BCA 164C	kVA: 13.5	kW: 10.8	16.0	16.9
BCA 164D	kVA: 16.0	kW: 12.8	18.9	20.0
BCA 164E	kVA: 21.4	kW: 17.1	26.1	27.4
BCA 164F	kVA: 26.2	kW: 21.0	30.9	32.6
BCA 164G	kVA: 30.0	kW: 24.0	33.3	35.6
			26.6	28.5

STAMFORD 1 Phase Ratings for STAMFORD BCA164 Generators

Winding Rating/Ambient Application/Temp Rise Voltage Power Factor	12 Wire Reconnectable				4Wire Dedicated			
	50Hz (1500 rpm)		60Hz (1800 rpm)		50Hz (1500 rpm)		60Hz (1800 rpm)	
	Base 40°C		Base 40°C		Base 40°C		Base 40°C	
	Continuous 125°C		Continuous 125°C		Continuous 125°C		Continuous 125°C	
	220 - 240V		240V		220 - 240V		240V	
	PF 1	PF 0.8	PF 1	PF 0.8	PF 1	PF 0.8	PF 1	PF 0.8
BCA 164A	kVA: 4.7	kW: 3.8	5.6	4.5	6.8	5.4	8.2	6.4
BCA 164B	kVA: 6.4	kW: 5.1	7.5	6.0	8.4	7.4	11.0	8.8
BCA 164C	kVA: 7.8	kW: 6.2	9.3	7.4	11.0	9.0	13.5	10.8
BCA 164D	kVA: 9.3	kW: 7.4	11.0	8.8	13.0	10.7	16.5	13.5
BCA 164E	kVA: 12.4	kW: 9.9	15.1	12.1	16.6	14.3	22.3	17.5
BCA 164F	kVA: 15.1	kW: 12.1	17.9	14.3	20.0	17.5	26.1	20.8
BCA 164G	kVA: 17.3	kW: 13.8	19.3	15.4	22.8	20.0	30.8	24.0
					22.8	16.0	30.8	19.2

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.

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