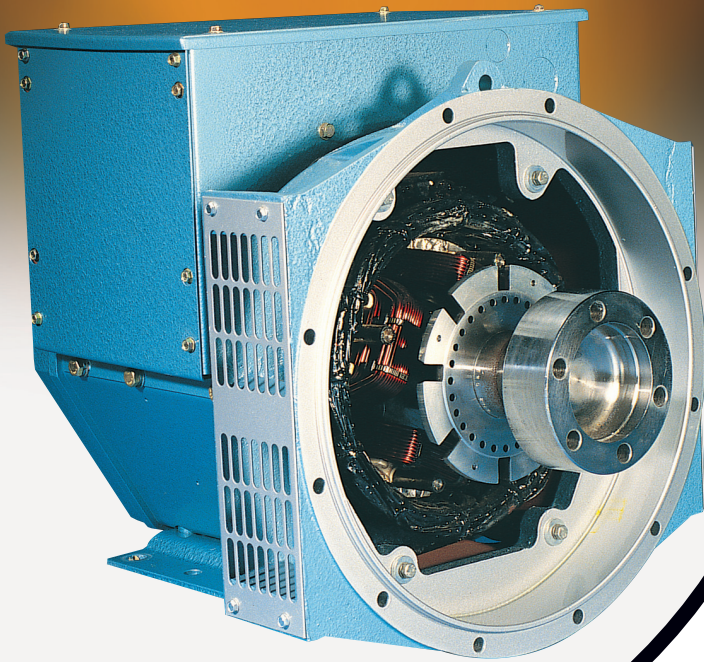


**product profile**

# BCL164/184 RANGE

**Voltages**  
110V - 600V

**Outputs**  
from 7.5 - 30 kVA (3 Phase)



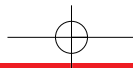
**FEATURES:**

- Specially tailored single bearing generator for the Lister Petter TS/TR engine range
- 12 wire reconnectable stator/terminal arrangement
- Class 'H' insulation with severe environmental protection as standard
- 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
- 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**

# BCL164/184 RANGE

**TYPICAL APPLICATIONS:**

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

Standard Winding (311)

### 3 Phase Ratings for STAMFORD BCL164/184 Generators

Rating/Ambient	50Hz (3000 rpm)		60Hz (3600 rpm)	
	Base 40°C		Base 40°C	
Application/Temp Rise	Continuous 125°C		Continuous 125°C	
Voltage	380 - 415V		416V	460 - 480V
Power Factor	0.8		0.8	0.8
BCL 164A kVA	7.5		8.5	9.4
kW	6.0		6.8	7.5
BCL 164B kVA	10.0		11.5	12.5
kW	8.0		9.2	10.0
BCL 164C kVA	12.5		14.0	15.6
kW	10.0		11.2	12.5
BCL 164D kVA	15.0		17.0	17.5
kW	12.0		13.6	14.0
BCL 184E kVA	20.0		22.5	25.0
kW	16.0		18.0	20.0
BCL 184F kVA	25.0		27.0	30.0
kW	20.0		21.6	24.0

### 1 Phase Ratings for STAMFORD BCL164/184 Generators

Winding	12 Wire Reconnectable				4 Wire Dedicated			
	50Hz (1500 rpm)		60Hz (1800 rpm)		50Hz (1500 rpm)		60Hz (1800 rpm)	
Rating/Ambient	Base 40°C		Base 40°C		Base 40°C		Base 40°C	
Application/Temp Rise	Continuous 125°C		Continuous 125°C		Continuous 125°C		Continuous 125°C	
Voltage	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
BCL 164A kVA	5.0	5.0	5.8	5.8	5.5	5.4	7.0	6.9
kW	5.0	4.0	5.8	4.6	5.5	4.3	7.0	5.5
BCL 164B kVA	7.2	6.8	7.5	7.5	7.5	7.4	9.5	9.4
kW	7.2	5.4	7.5	6.0	7.5	5.9	9.5	7.5
BCL 164C kVA	9.0	8.5	9.5	9.5	9.5	9.0	11.5	11.3
kW	9.0	6.8	9.5	7.6	9.5	7.2	11.5	9.0
BCL 164D kVA	10.8	10.0	11.5	11.5	11.0	10.7	13.5	13.5
kW	10.8	8.0	11.5	9.2	11.0	8.6	13.5	10.8
BCL 184E kVA	14.0	13.5	15.0	15.0	14.5	14.2	18.0	17.5
kW	14.0	10.8	15.0	12.0	14.5	11.4	18.0	14.0
BCL 184F kVA	16.5	16.2	18.0	18.0	17.0	16.9	21.0	20.6
kW	16.5	13.0	18.0	14.4	17.0	13.5	21.0	16.5

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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