

Engine manufacturer	Perkins
Model	404C-22G
Stroke	4, diesel
Fuel	Diesel
Number of cylinders and disposition	4, inline
Displacement	2216 cm ³
Air intake	Natural

Alternator specifications

Alternator manufacturer	Stamford
Model	BCI 184E
Poles	4
Revolution speed	1500 rpm
Voltage	400 V
Frequency	50 Hz

Additional information

Fuel tank location	Internal
Fuel tank capacity	51 l
Running time at 100% PRP	9,58 h
Running time at 75% PRP	13 h
Measured acoustic power (l WA) at 10 mt	92.9 dBA

Fuel tank location	Internal
Fuel tank capacity	51 l
Running time at 100% PRP	9,58 h
Running time at 75% PRP	13 h
Measured acoustic power (LWA) at 10 mt	92,9 dBA
Noise level at 7 m	67,9 dBA
Guaranteed noise level (LWA)	95 dBA

Dimensional data

Length	1600 mm
Width	870 mm
Height	1072 mm
Dry weight	592 kg

Installation data

Cooling fan air flow rate	40,2 m ³ /min
Combustion air flow at PRP	1,45 m ³ /min
Exhaust gas flow at PRP	3,64 m ³ /min
Exhaust gas temperature at LTP	445 °C
Exhaust pipe diameter	n.a.
Maximum admitted total exhaust backpressure	102 mbar

Equipments

Mechanical speed governor	Optional
Electronic speed governor	Optional
Radio interference suppression	Optional
Standard AVR (Automatic Voltage Regulator)	Optional
Optional AVR (Automatic Voltage Regulator)	Optional
Underspeed protection	Optional
12 V electric circuit	Optional
24 V electric circuit	Optional
Air intake filter	Optional

Equipment: panel

On-board ACP (Automatic Control Panel)	Optional
On-board LTS (Load Transfer Switch) panel	Optional
LTS (Load Transfer Switch) panel, delivered loose	Optional
Power section with circuit breaker delivered loose	Optional
Power section with on-board circuit breaker	Optional
Differential protection	Optional

Engine coolant preheater	Optional
Manual oil draining pump	Optional

Equipment: basic engine configuration

Optimized fuel consumption	Optional
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Equipment: starting system

Single pneumatic starter motor	Optional
Electric starter and compressed air starter	Optional
2 electric starters with separate power supply	Optional

Equipment: batteries

Batteries	Optional
Battery liquid	Optional
Battery disconnecting device	Optional

Equipment: fuel feeding system

Air filters with contamination indicator	Optional
Fuel level sensor (minimum and maximum)	Optional
Fuel main filter	Optional
Fuel prefilter water separator	Optional
Electric valve for fuel circuit	Optional

Equipment: lube oil system

Lube oil filler neck, dipstick	Optional
Lube oil fine filter	Optional
Lube oil cooler	Optional

Equipment: exhaust line

No silencer option	Optional
Catalytic silencer	Optional
Spark arrester	Optional
Flexible exhaust compensator	Optional
Connection flanges to exhaust line	Optional

Equipment: silencer

Industrial silencer -15 dB(A)	Optional
Residential silencer -35 dB(A)	Optional

Equipment: engine switches and senders

Fuel minimum level switch	Optional
Coolant minimum level switch	Optional
Coolant temperature switch	Optional
Coolant temperature sender	Optional
Lube oil minimum level switch	Optional
Lube oil minimum pressure switch	Optional
Lube oil maximum temperature switch	Optional
Lube oil temperature sender	Optional
Lube oil pressure sender	Optional

Equipment: integrated fuel tank

Integrated fuel tank capacity 50 L	Optional
Integrated fuel tank capacity 120 L	Optional
Integrated fuel tank capacity 350 L	Optional
Integrated fuel tank capacity 800 L	Optional
Leak proof tray sized for integrated fuel tank capacity	Optional

Equipment: underground fuel tank

1.000 L underground storage fuel tank with double wall	Optional
2.000 L underground storage fuel tank with double wall	Optional
3.000 L underground storage fuel tank with double wall	Optional
5.000 L underground storage fuel tank with double wall	Optional
10.000 L underground storage fuel tank with double wall	Optional
15.000 L underground storage fuel tank with double wall	Optional

Equipment: outdoor single-wall tank

1.000 L outdoor storage fuel tank with single wall and leak proof tray	Optional
2.000 L outdoor storage fuel tank with single wall and leak proof tray	Optional
3.000 L outdoor storage fuel tank with single wall and leak proof tray	Optional
5.000 L outdoor storage fuel tank with single wall and leak proof tray	Optional
10.000 L outdoor storage fuel tank with single wall and leak proof tray	Optional
15.000 L outdoor storage fuel tank with single wall and leak proof tray	Optional
Automatic refilling system	Optional

Equipment: outdoor double-wall tank

1.000 L outdoor storage fuel tank with double wall	Optional
2.000 L outdoor storage fuel tank with double wall	Optional
3.000 L outdoor storage fuel tank with double wall	Optional
5.000 L outdoor storage fuel tank with double wall	Optional
10.000 L outdoor storage fuel tank with double wall	Optional
15.000 L outdoor storage fuel tank with double wall	Optional

Equipment: protections

Heating parts guard	Optional
Moving parts guard	Optional

Equipment: assembly

Alternator assembled by flexible joint	Optional
Anti-vibration mountings	Optional
Flexible coupling disc	Optional
Screwed steel frame	Optional
Welded steel frame	Optional

Equipment: excitation system

Self-excited	Optional
Separately-excited by P.M.G.	Optional
Anti-condensation heater	Optional
Tropicalization treatment	Optional
Winding leads	Optional
1-phase sensing input	Optional
2-phase sensing input	Optional
3-phase sensing input	Optional

Equipment: drive-in-parallel

CT for parallel running with other gensets	Optional
cosPhi regulator	Optional

Technical specifications are subject to change without notice. Consult your local PRAMAC representative for more information.