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Gas Powered Solutions Generator Sets

Perkins powered generator sets:

Baseload (Continuous) Rating: These ratings are applicable for supplying continuous electrical power for full load operations. There is no overload available. The ratings represent the engine performance in accordance with ISO 3046 at reference conditions equivalent to those specified in ISO 3046-1 based on the use of natural gas having a lower calorific value of 34.71MJ/m³.

Standard Reference Conditions: 25°C (77°F) Air Inlet Temp, 100m (328ft) A.S.L., 30% relative humidity. All engine performance data based on the above mentioned maximum continuous ratings. Fuel consumption data at full load using gas fuel with a lower calorific value of 34.71MJ/m³.

Scania powered generator sets:

These ratings are applicable for supplying continuous electrical power (at variable load) in the event of a utility power failure. No overload is permitted on these ratings. The alternator on this model is peak continuous rated (as defined in ISO 8528-3).

Standard Reference Conditions: 25°C (77°F) Air Inlet Temp, 100m (328ft) A.S.L., 30% relative humidity. All engine performance data based on the above mentioned maximum, continuous ratings. Fuel consumption data at full load using gas fuel with a lower calorific value of 34.71MJ/m³.

50 Hz 3 Phase							
Generating Set	Engine Model	Volt	RPM	LPG		Nat Gas	
				kVA	kW	kVA	kW
SG240	Scania SG1-12	380/415	1500	-	-	240	192
PG345B3	Perkins 4006-23TRS1	380/415	1500	-	-	345	276
PG375B3	Perkins 4006-23TRS1	380/415	1500	-	-	375	300
PG450B1	Perkins 4006-23TRS2	380/415	1500	-	-	450	360
PG525B1	Perkins 4008-30TRS1	380/415	1500	-	-	525	420
PG620B1	Perkins 4008-30TRS2	380/415	1500	-	-	620	496
PG750B	Perkins 4012TES1	380/415	1500	-	-	750	600
PG1080B2	Perkins 4016-61TRS1	380/415	1500	-	-	1080	864
PG1250B2	Perkins 4016-61TRS2	380/415	1500	-	-	1250	1000

FG Wilson has manufacturing facilities in the following locations:

Northern Ireland • Brazil • China • India • USA

With headquarters in Northern Ireland, FG Wilson operates through a Global Dealer Network. To contact your local Sales Office please visit the FG Wilson website at www.FGWilson.com

In line with our policy of continuous product development, we reserve the right to change specification without notice.

GasProductRatingSummary/0112/GB