

G3616 Gas Engine Technical Data Foley Inc

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G3616 Gas Engine Technical Data

G3616 GAS ENGINE TECHNICAL DATA - Foley Inc

G3616 GAS ENGINE TECHNICAL DATA FUEL USAGE GUIDE DERATE FACTOR vs CATERPILLAR METHANE NUMBER Methane Number 60 65 70 75 80 85 90 95 100 Rating Factor 000 087 091 095 100 100 100 100 100 Minimum Methane Number for Full Rating = 804

G3616 GAS ENGINE TECHNICAL DATA - uspowerco.com

G3616 GAS ENGINE TECHNICAL DATA FUEL USAGE GUIDE DERATE FACTOR vs CATERPILLAR METHANE NUMBER Methane Number 60 65 70 75 80 85 90 95 100 Rating Factor 000 089 093 096 100 100 100 100 100 Minimum Methane Number for Full Rating = 800

G3616 GAS ENGINE TECHNICAL DATA - TURBINE

G3616 GAS ENGINE TECHNICAL DATA FUEL USAGE GUIDE DERATE FACTOR vs CATERPILLAR METHANE NUMBER Methane Number 30 35 40 45 50 55 60 65 70 >=100 Rating Factor 000 000 000 076 082 087 093 099 100 Minimum Methane Number for Full Rating = 663

G3616 with ADEM A4 Gas Engine

TECHNICAL DATA G3616 with ADEM A4 Gas Engine Dimensions Length 58056 mm 2286 in Width 2634 mm 104 in Height 3278 mm 129 in Weight 32,659 kg 72,000 lb Rating Defi nitions and Conditions Engine performance is obtained in accordance with SAE ...

NATURAL GAS CONTINUOUS

® G3616 GAS ENGINE • Meets most worldwide emission levels • Robust design provides prolonged life and down to 05 g/bhp-hr NO x without lower owning and operating costs without after treatment • High energy ignition systems for TECHNICAL DATA G3616 Genset Frequency Hz Emission level (NOx) mg/Nm: 3 g/bhp-hr 242 05 251 05 246 05

CATERPILLAR ENGINE SPECIFICATIONS

G3616 GAS ENGINE TECHNICAL DATA FUEL USAGE GUIDE DERATE FACTOR vs CATERPILLAR METHANE NUMBER Methane Number 30 35 40

45 50 55 60 65 70 >=100 Rating Factor 000 000 000 076 082 087 093 099 100 Minimum Methane Number for Full Rating = 663

CATERPILLAR ENGINE SPECIFICATIONS - Gas turbine

G3616 GAS PETROLEUM ENGINE TMI Reference No: DM5563-00 Materials and specifications are subject to change without notice The International System of Units (SI) is used in this publication

G3616 LE 3531-3762 bkW Gas Petroleum Engine

Gas Engine Rating Pro GERP is a PC-based program designed to provide site performance capabilities for Cat® natural gas engines for the gas compression industry GERP provides engine data for your site's altitude, ambient temperature, fuel, engine coolant heat rejection, performance data, installation drawings, spec sheets, and pump curves

2.0 g/bhp-hr NOx (NTE) CAT ENGINE SPECIFICATIONS

G3516 LE GAS PETROLEUM ENGINE 858-999 bkW (1150-1340 bhp) LEHW0036-00 Page 3 of 4 Supersedes LEHW6046-02 TECHNICAL DATA

G3516 LE Gas Petroleum Engine Fuel System 2 g NOx NTE Rating 2 g NOx NTE Rating

G3516 LE GAS ENGINE TECHNICAL DATA - myfoleyinc.com

g3516 gas engine technical data notes 1 engine rating is with 2 engine driven water pumps tolerance is $\pm 3\%$ of full load 2 generator power determined with an assumed generator efficiency of 958% and power factor of 08 [generator power = engine power x generator efficiency] 3 iso 3046/1 engine efficiency tolerance is (+)0, (-)5% of full load % efficiency value

G3516 TA GAS ENGINE TECHNICAL DATA - Foley Inc.

g3516 gas engine technical data notes 1 engine rating is with 2 engine driven water pumps tolerance is $\pm 3\%$ of full load 2 generator power determined with an assumed generator efficiency of 9427% and power factor of 08 [generator power = engine power x generator efficiency]

Gas G3516 Generator Set ekW Hz - Alban CAT

G3516 GAS GENERATOR SET TECHNICAL DATA G3516 LE Standby Power Gas Generator Sets — 1800 rpm Power Rating @ 08 PF without Fan ekW 1040 kV•A 1300 Generator Frame Size 693 Engine Lubricating Oil Capacity gal 106 System Backpressure (Max Allowable) in water 27 Exhaust Flange Size — (Internal Diameter) in 71 Length in 1879 Width in 868

G3612 with ADEM A4 Gas Engine - Tradequip

TECHNICAL DATA G3612 with ADEM A4 Gas Engine Dimensions Length 48824 mm 19222 in Width 26338 mm 10369 in Height 3279 mm 1295 in Weight 26,535 kg 58,500 lb Rating Definitions and Conditions Engine performance is obtained in accordance with SAE J1995, ISO3046/1, BS5514/1, and DIN6271/1 standards

BEFORE THE ADMINISTRATOR UNITED STATES ...

However, Petitioners' review of the technical data sheet for the Caterpillar G3616 gas engine indicates a higher emission rate of 07 g/hp-hr² Using this figure, facility-wide emissions of NOx are 255 tons per year, or 40% higher This information was provided to the ...

RE: Piedmont Natural Gas - Wadesboro Compressor Station ...

However, we reviewed the technical data sheet for the Caterpillar G3616 gas engine¹ which indicates a higher emission rate of 07 g/hp-hr Using this figure, facility-wide emissions of NOx are 255 tons per year, or 40% higher Further, the lean-burn engine employed by Piedmont Natural Gas at the Wadesboro

G3520C GAS ENGINE TECHNICAL DATA - uspowerco.com

G3520C GAS ENGINE TECHNICAL DATA FUEL USAGE GUIDE: This table shows the derate factor and full load set point timing required for a given fuel. Note that deration and set point timing reduction may be required as the methane number decreases. Methane number is a scale to measure detonation characteristics of various fuels.

www.BREDL.org PO Box 88 Glendale Springs, North Carolina ...

However, Petitioners' review of the technical data sheet for the Caterpillar G3616 gas engine indicates a higher emission rate of 0.7 g/hp-hr. Using this figure, facility-wide emissions of NOx are 255 tons per year, or 40% higher. This information was provided to the ...

SUNRISE PIPELINE PROJECT - graysondesigns

the sound power level data contained in Table 94-7 is now attached in Appendix 9-D to this report. This documentation includes the following:

Compressor engines - information provided in Caterpillar's Gas Engine Technical Data sheet for engine model G3616
Gas cooler fans - information for Howden Cooling Fans, 13 KLF 8 fan model

Superior™ - IronLine Compression

Superior Gas Engine Co established; Product: 25 bhp engine. Expanded gas engine product line to 100 bhp. 1rs Xtodqhnq™ Ohk & L`r hmctrsqy dmfhmd, 365-945 bhp model PTD. Acquired by White Motor Co. Introduced 600-800 bhp 825 Engine. Acquired by Cooper (later Cameron) Engine line expanded to 1,200-1,600 bhp. Reintroduced 825 SGTD with CleanBurn.

lehx3124 - GeneratorJoe Inc.

Gas Engine Generator Set 60Hz G3616 FEATURES CATERPILLAR QUALITY THROUGHOUT. Cat gas engines incorporate many of the same proven components as their diesel counterparts — including the block, crankshaft, main bearings, camshaft and connecting rods. However, by operating at 40 to 50 % lower cylinder pressure and bearing loads than diesels,