ZPP TA690

26502 Newbanks Road, Abingdon VA 24210
PH: 276.525.4760 | FAX: 276.645.8681

6 Cylinder Inline | Turbo-charged | Aftercooled | 8.8
- Natural Gas, Propane, Dual Fuel |

Specifications

# of Cylinders	6 Inline
Operation	4-stroke
Ignition	Spark-Ignited
# of Valves	2/cylinder
Firing Order	1-5-3-6-2-4
Bore x Stroke	114 X 144 mm 4.488” x 5.669”
Displacement	8.83 L / 538.8 ci
Compression Ratio	10.5 : 1
Dry Weight	800 kg / 1760 lbs
Piston Speed @ 2300 rpm	2079 fpm
Piston Speed @ 1800 rpm	1701 fpm
Oil Capacity	20.8 L / 22.0 qts
Electrical System	24 Volt

Standard Features

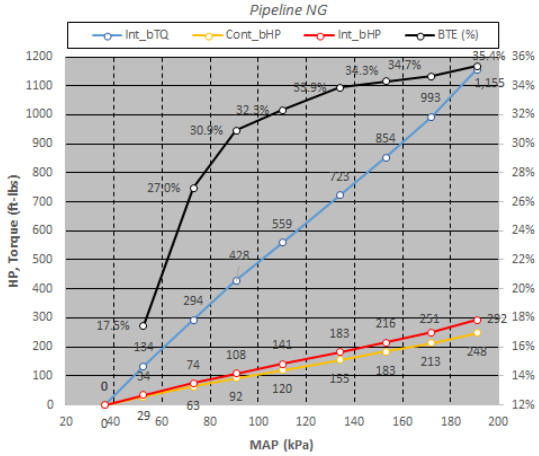
☆	US EPA Certified
☆	CAN bus controlled—J1939
☆	Full Built-in Engine Protection
☆	SAE #2 Housing
☆	SAE 11.5” Flywheel
☆	Replaceable Dry Liners

Optional Features

☆	Customer Specific Packaging
☆	Turn-Key Enclosures

ZPP 9.0L TA NG Performance at 1800 rpm

Pipeline NG

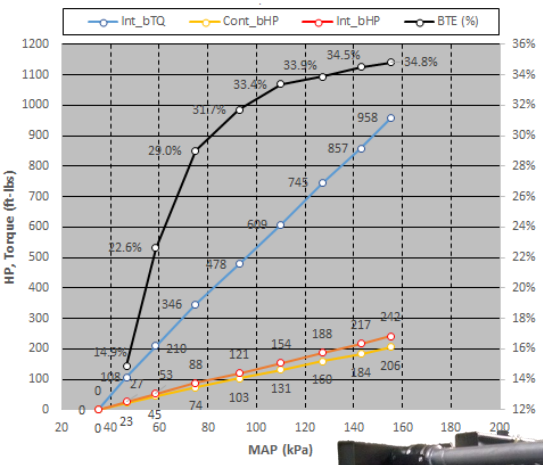


Rating	Industrial Rating (bHP) 1800 rpm	Genset Rating (kWe) 60 Hz
Intermitent	292	203
Prime	263	182
Continuous	248	172

**All data is corrected per SAE J1349*
**Performance is NET including loses from auxiliaries (alternator, fan, water pump)*
**NG is pipeline grade gas*
**LPG is Commercial grade*
** Electrical kW is calculated using 93% generator efficiency*

ZPP 9.0L TA LPG Performance at 1800 rpm

Commercial LPG



Rating	Industrial Rating (bHP) 1800 rpm	Genset Rating (kWe) 60 Hz
Intermitent	235	163
Prime	212	147
Continuous	200	139

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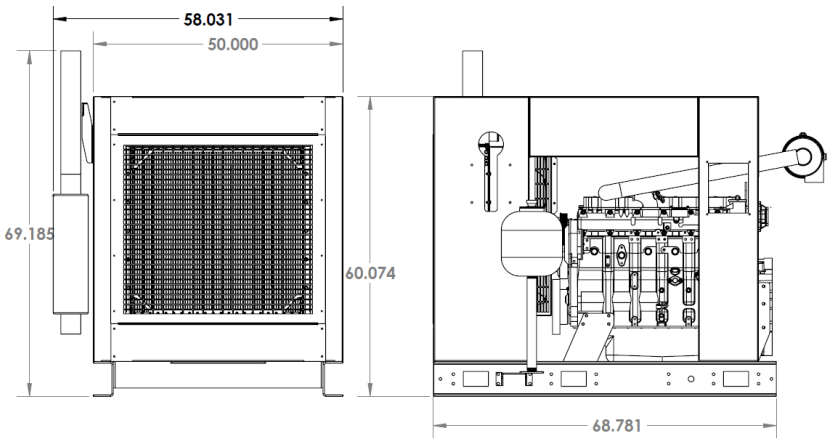
Fuel System Features

☆	Natural Gas, LPG, or Dual Fuel
☆	Air-valve Mixer based fueling
☆	Electronic, closed-loop control
☆	EPA certified to pipeline quality fuels
☆	Electronic Throttle body
☆	Inline catalyst provided with engine



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NG / LPG

Fuel	RPM	Torque ft-lbs (Nm)	Power bHP (kW)	BMEP (psi)	Fuel Flow (lb/hr)	Air Flow (lb/hr)	BSFC (lb/hp/hr)	Exhaust Outlet (°F)
NG	1800	852 (1155)	292 (217)	234	102.6	1667	0.351	1,394
LPG	1800	706 (958)	242 (180)	194	89.6	1389	0.370	1,455