

TEST SPEC**AUGUST 11, 2017**For Help Desk Phone Numbers [Click here](#)

Reference Number: 0K3794

Effective Serial Number: 6NB04721 ▼

Model: G3408 SI TA SCAC

Make from Spec:

Test Spec Data				
Description	Measure	Nominal	Ceiling	Floor
Corr Full Load Power	hp	400	412	398
Full Load Speed	RPM	1800	1810	1790
High Idle Speed	RPM	1854	1872	1831
Low Idle Speed	RPM	900	930	870
Corrected Fuel Rate	BTU/MIN	47,078	48,955	45,192
CSFC	BTU/HP.H	7,068	7,351	6,785
Corr Torq Rise at TC RPM	%		8.0	
Corr Torque at TC RPM	LB.FT	1,166	1,247	1,084
Torque Check Speed	RPM	1600	1610	1590
C Fuel Rate at TC RPM	BTU/MIN			
CSFC at TC RPM	BTU/HP.H			
Temp Jacket Water Pump Inlet	F	192	197	186
Delta T Jacket Water (out-in)	F	14	23	5
Inlet Manifold Temp	F			
Water Temp to Scac	F	129	134	123
Scac Water Flow	GAL/MIN			
Diff Fuel Pressure	SI PSI	0.20	0.28	0.13
Diff Fuel Pressure (High)	SI PSI	0.22	0.23	0.20
Compressor Out Press	SI PSI	27.56	28.57	26.54
Inlet Manifold PR - ABS	SI PSI	25.82	26.25	25.38
Inlet Fuel Pr - ABS	SI PSI	36	42	30
Excess Oxygen	SI %	1.8	3.0	1.0
Oil Pressure	PSI	62	87	40
Oil Pressure Low Idle	PSI	36	87	15
Oil Temp to Bearings	F			
Throttle Angle	DEG	60	65	60
NOx	PPM			
Adjusted Boost (Gas Blending)	HG			
Corrected Fuel Rate - Diesel (Gas Blending)	GAL/HR			
Corrected Fuel Rate - Gas (Gas Blending)	BTU/MIN			
Full Load Fueling (Gas Blending)	MM3/ST			
Gas Substitution Ratio (Gas Blending)	%			
Corr Full Load Power (Gas Blending)	HP			
Full Load Speed (Gas Blending)	RPM			
Exhaust Back Pressure	PSI			
TQ CK Exhaust Back Pressure	PSI			
Ataac Delta Pressure	PSI			

Engine Reference Information		
Description	Measure	Data
Fuel Valve Part Number		
Unit Injector Part Number		
Timing Dimension Field Service	in	
Timing Dimension Factory		
Torque Control Group Number		Change Level:
Fuel Pump/Gov Grp Part Number		

Fuel Pump Type		SI
Flyweight Part Number/Attitude		
Turbo Part No and Model		4W7637 / TW7202-1.03
Advertised Power / Governor Speed		400hp 1,800 RPM
Compression Ratio		8.5
Torque Rise Cam Part Number		
Manifold Type		WC
Engine Flash File Part Number		
Rating Number		
Flash File Change Number		
ASM Flash File Part Number		
ISM Flash File Part Number		
Advisor Flash File Part Number		
Secondary Module Flash File Part Number		
Messenger Flash File Part Number		
Tandem Software Flash File Part Number		
Governor Type		PSG

Timing Data
Mechanical Advance Part Number:
Chg. Level:
Advance: 0.0 DEG
Dog Leg Differentials: RPM: -- KW: --

Description	Measure	Spec	Minimum	Maximum
Timing Static @ 0 RPM BTDC	DEG	32.0	30.0	34.0

Application/Performance Data

Description	Measure	Data
Application Identification		122 IN CONTINUOUS
Engine Sales Model and Series		G3408
Combustion System type		SI
Aspiration Type		TA
Engine Source Factory Ref Number		88
Power Setting PL/PP Ref Number		LL0384
Engine Perf Data Ref No and Change Level		TM9213
Generator Rating W/O Fan	EKW	
Generator	HZ	
Engineering Model Ref		E314
Sales Model		
Machine Facility		
Usage		
Transmission		
Description		IN
Serial Number Prefixs		

Altitude Derating Information

Description	Measure	Data
Altitude - Maximum	FT	
Engine Power (ADV)	hp	
Engine Power (Test)	hp	

Spec Number vs. Arrangement Number Cross Reference

Arrangement	2147182
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