

3TNV76

		Cechnical Data 3TNV76-GGE	Revision: 0 3TNV76-HGE
General Data	Unit	31111/0-UUE	511NV/0-HUE
Number of Cylinders			3
Engine Type	-	Inline, Water-Cooled, 4 Stroke Diesel	
Bore x Stroke		76x82	
Total Displacement	mm x mm	1.116	
Combustion type	-		
Aspiration		Indirect Injection Natural Aspiration	
Aspiration Valves per Cylinder		2	
	-	23.5	
Compression ratio	-	1-3-2	
Firing Order	-	1-	5-2
Performance Data			
Net Intermittent Power	HP [kW] / rpm]	12.1 [9.0]/1500, 14.3 [10.7]/1800	22.1 [16.5]/3000, 26.1 [19.5]/3600
Net Continuous Power	HP [kW] / rpm]	11.0 [8.2]/1500, 13.1 [9.8]/1800	20.2 [15.1]/3000, 23.7 [17.7]/3600
Net Max Torque	ft-lb		
	[Nm]/rpm	-	-
Low Idle Speed	rpm	1200+/-25	1500+/-25
High Idle Speed	rpm	1900+/-25	3770+/-25
* *	-p		
Physical Data		A	
Direction of rotation	-	Counter Clockwise (view from flywheel)	
Length - Inches	Inches [mm]	22.3 [567]	
Width - Inches	Inches [mm]	16.8 [427]	
Height - Inches	Inches [mm]	23.7 [601]	
Dry Weight	lbs [kg]	271 [123]	
PTO System		C A	
Flywheel	-	SAE #5	
Flywheel Housing	-	SAE #5 (124 mm Depth)	
Gear Case	-	without SAE Hydraulic Pump Flange	
Lubrication System			
Inclination, Continuous	degrees	25	25
Inclination, 3 minutes Max.	degrees	30	30
Lubrication Oil Filter Type	-	Paper Element	
Oil Capacity, Effective	Liters	1.6	2.1
Fotal System Capacity	Liters	3.5	4.4
Oil Change Interval, Hours	hr	250 (50, initial)	
Recommended Oil Type	API	CD, CE, CF or higher grade	
¥ 1			0
a 11 a (
Cooling System			
	-	Pu	sher
Fan Type	Inches [mm]		sher [335]
Fan Type Fan Diameter		13.2	
Fan Type Fan Diameter Number of Blades		13.2	[335]
Fan Type Fan Diameter Number of Blades Fan Pulley Diameter	Inches [mm]	13.2	[335] 6
Fan Type Fan Diameter Number of Blades Fan Pulley Diameter Crank Pulley Diameter	Inches [mm] - Inches [mm]	13.2	[335] 6 [100]
Fan Type Fan Diameter Number of Blades Fan Pulley Diameter Crank Pulley Diameter Fuel System	Inches [mm] - Inches [mm]	13.2 3.9 4.3	[335] 6 [100] [110]
Fan Type Fan Diameter Number of Blades Fan Pulley Diameter Crank Pulley Diameter Fuel System Fuel Filter Type	Inches [mm] - Inches [mm] Inches [mm] -	13.2 3.9 4.3 Paper 1	[335] 6 [100] [110] Element
Fan Type Fan Diameter Number of Blades Fan Pulley Diameter Crank Pulley Diameter Fuel System Fuel Filter Type Fuel Injection Pump Type	Inches [mm] Inches [mm] Inches [mm] 	13.2 3.9 4.3 Paper I Inline	[335] 6 [100] [110] Element e Type
Fan Type Fan Diameter Number of Blades Fan Pulley Diameter Crank Pulley Diameter Fuel System Fuel Filter Type Fuel Injection Pump Type	Inches [mm] - Inches [mm] Inches [mm] -	13.2 3.9 4.3 Paper I	[335] 6 [100] [110] Element
Fan Type Fan Diameter Number of Blades Fan Pulley Diameter Crank Pulley Diameter Fuel System Fuel System Fuel Filter Type Fuel Injection Pump Type Water Separator (Standard)	Inches [mm] Inches [mm] Inches [mm] 	13.2 3.9 4.3 Paper I	[335] 6 [100] [110] Element e Type
Fan Type Fan Diameter Number of Blades Fan Pulley Diameter Crank Pulley Diameter Fuel System Fuel Filter Type Fuel Injection Pump Type Water Separator (Standard) Electrical System	Inches [mm] - Inches [mm] Inches [mm] - Inches [mm] - Inches [mm]	13.2 3.9 4.3 Paper I Inline Mesh size: 100-mesh/in	[335] 6 [100] [110] Element e Type
Fan Type Fan Diameter Number of Blades Fan Pulley Diameter Crank Pulley Diameter Fuel System Fuel Filter Type Fuel Injection Pump Type Water Separator (Standard) Electrical System System Voltage	Inches [mm] Inches [mm] Inches [mm] 	13.2 3.9 4.3 Paper Inline Mesh size: 100-mesh/in	[335] 6 [100] [110] Element e Type ch, water reservoir 150 cc
Fan Type Fan Diameter Number of Blades Fan Pulley Diameter Crank Pulley Diameter Fuel System Fuel Filter Type Fuel Injection Pump Type Water Separator (Standard) Electrical System System Voltage Electric Stop Device	Inches [mm] Inches [mm] Inches [mm] Inches [mm] Inches [mm] Volts Volts	13.2 3.9 4.3 Paper I Inline Mesh size: 100-mesh/in 12 Stop Solenoid (Pul	[335] 6 [100] [110] Element e Type ch, water reservoir 150 cc 2 V 1 Coil Timer: 1 sec.)
Fan Type Fan Diameter Number of Blades Fan Pulley Diameter Crank Pulley Diameter Fuel System Fuel Filter Type Fuel Injection Pump Type Water Separator (Standard) Electrical System System Voltage Electric Stop Device Alternator	Inches [mm] Inches [mm] Inches [mm] Inches [mm] Volts - Volts - - - - - - - - -	13.2 3.9 4.3 Paper I Inline Mesh size: 100-mesh/in 12 Stop Solenoid (Pul 12V	[335] 6 [100] [110] Element e Type ch, water reservoir 150 cc 2 V 1 Coil Timer: 1 sec.) -40A
Fan Type Fan Diameter Number of Blades Fan Pulley Diameter Crank Pulley Diameter Fuel System Fuel Filter Type Fuel Injection Pump Type Water Separator (Standard) Electrical System System Voltage Electric Stop Device Alternator Starting Aid Device	Inches [mm] - Inches [mm] Inches [mm] - Inches [mm]	13.2 3.9 4.3 Paper 1 Inline Mesh size: 100-mesh/in 12 Stop Solenoid (Pul 12V Glow P	[335] 6 [100] [110] Element e Type ch, water reservoir 150 cc 2 V 1 Coil Timer: 1 sec.) -40A lug, 12V
Cooling System Fan Type Fan Diameter Number of Blades Fan Pulley Diameter Crank Pulley Diameter Fuel System Fuel Filter Type Fuel Injection Pump Type Water Separator (Standard) Electrical System System Voltage Electric Stop Device Alternator Standard pre-heat time Starting Motor Type	Inches [mm] Inches [mm] Inches [mm] Inches [mm] Volts - Volts - - - - - - - - -	13.2 3.9 4.3 Paper 1 Inline Mesh size: 100-mesh/in 12 Stop Solenoid (Pul 12V Glow P	[335] 6 [100] [110] Element e Type ch, water reservoir 150 cc 2 V 1 Coil Timer: 1 sec.) -40A