

INDUSTRIAL ENGINES LTD

IEL - HATZ - HDGS40 DIESEL GEN





14355 - 120 ave.

Edmonton, Alberta T5L2R8

Tel: (780) 484-6213 Fax: (780) 732-0400

Toll Free: (888) 887-0008

#121, 788 Caldew Street

Annacis Island

Delta, B.C. V3M 5S2

Tel: (604) 525-8529 Fax:(604) 525-0974

Toll Free: (877) 438-6560

B.C. Parts Direct: (604)525-9153

					PO	WER RA	TINGS					
	Î	Voltage				Standby Power		Prime Power				
Model Nu	mber	range	Phase	pf	Hz	kW	kVA	Amps	kW	kVA	Amps	
HDGS 40		120/240	1	1	60	30	37	100	32	40	100	
		120/208	3	0.8	60	30	37	75	32	40	75	
11005		277/480	3	0.8	60	30	37	35	32	40	35	
ENGINE DAT	Ά											
			DIESEL ENGINE									
Basic Engine Data		4 CYLINDER 3.4 LITER				Engine Electrical System			12 VO	LT		
Manufacturer		HATZ - MODEL: 4L41				Glow plugs C			OPTIO	OPTIONAL		
Naturally-aspirated		YES				Battery charge alternator			14 V 42 AMP			
Cylinders		4	4			Starter motor			12 VOLT - 3.7 KW			
Displacement Cu.in (Liters)		209 (3.4 LITER)				Ground polarity			NEGATIVE GROUND			
Bore inches (mm)		4.02 (102)				Cooling System		AIR CC	OLED			
Stroke inches (mm)		4.13 (105)				Type of system		AIR COOLED				
DIESEL SYSTEM		DIRECT INJECTION				Type of fan			AXIAL TYPE BLOWER FAN			
Oil capacity - u.s. gals (liters)		5 (13.0)				Fuel		DIESEL				
Battery Capacity		12 VOLT - 143 AH.				Combustion			COMPRESSION IGNITION			
Basic Altern	ator Da	ta										
ALTERNATOR		STAMFORD					Coupling arrangemen		t	Close		
Туре		4 - pole					Load capacity (stand		y)	110%		
Rotor insulation		Class "H"					Load capacity (prime			100%		
Stator insulation		Class "H"					Excitation System					
Total harmonic factor		Less than 2%					Brushless			AVR		
Telephone influence factor (TIF)		Less than 50					Volts change 100% lo		d step	tep Under 3%(% sec)		
Alternator cooling		Self ventilating					Voltage regulation			2% all loads to 100%		
Bearings		Single				Temperature rise		rature rise		125°C		
HDGS40 Ser	ies Dim	ensions and	Weight	s								
Standard Di	mensio	n							Shipping d	imensi	ons	
Open		Enclosed		Atte	nuated	Open		Enclosed		Attenuated		
	ins	cm	ins	cm	ins	cm	ins	cm	ins	cm	ins	cm
"H" height	36		36									
"W" width	29		29									
"L" length	67		67									
Est. Weight	lb/kg	1536 / 700	1536	/700	1536	/700						

*** INCLUDES SKID DIMENSIONS

OPTIONAL ENGINE / GENERATOR CONTROL PANEL: DSE7110 Auto Start Panel with LCD

Standard DSE7110 Control Panel: This control comes complete as a manual or auto start control in a vibration isolated cabinet. When in "Auto" position a simple switch closure of any kind will signal the set to start. The controls provide safety shutdown protection for low oil pressure, high temperature, over/under speed and a over crank fault after three failed attempts to start. Using a push button you can easily scroll through the LCD showing the generator sets A/C voltage, amperage and hertz. The engine will be monitored for oil pressure, temperature, D/C battery volts, and engine hours run. It comes standard with five fully configurable inputs and three configurable outputs for either warnings or shutdowns.