

### PHYSICAL

Weight ( <i>approximately</i> )	5800 pounds ( <b>2627 kg</b> )
Length ( <i>stationary units</i> )	106 inches ( <b>2692 mm</b> )
Width	78 inches ( <b>1981 mm</b> )
Height ( <i>overall</i> )	65 inches ( <b>1666 mm</b> )

### GENERATOR CAPABILITIES

Output power rating	90 KVA (or 100 KVA for Spec. 7126-1)
Output voltage	115/200 VAC
Rated load capacity	260 A (or 289A for Spec. 7126-1)
Frequency/cycles per second	400 Hz
Output Kilowatts	72 KW (or 80 KW for Spec. 7126-1)
Power factor	0.8 PF
Duty cycle	100%
Operating speed	2000 RPM
Overload capacity ( <i>125% of rated load</i> )	325 A
Output cable size	2/0

### GENERATOR PROTECTIVE SYSTEM

Overvoltage relay	Trips 130 V to 134 V; resets 125 V
Undervoltage relay	Trips 93 V to 102 V; resets 110 V
Overfrequency relay	Trips 415 Hz to 425 Hz; resets 410 Hz
Underfrequency relay	Trips 375 Hz to 385 Hz; resets 385 Hz
Undervoltage time delay	4 to 12 seconds, depending upon adjustment
Overload relay	Trips at 125% rated load in less than 5 minutes

### ENGINE

Manufacturer	Deutz
Manufacturer's Specification No.	DO 693-738*
Number of Cylinders	6
Bore	4.02 inches ( <b>102 mm</b> )
Stroke	4.92 inches ( <b>125 mm</b> )
Displacement ( <i>Piston</i> )	374 Cu. In. ( <b>6128 cc</b> )
Firing Order	1 - 5 - 3 - 6 - 2 - 4
Oil Capacity ( <i>W/Filter</i> )	18.5 Quarts ( <b>17 1/2 liters</b> )
Oil Capacity ( <i>W/O Filter</i> )	<b>16.5 Quarts (15.61 liters)</b>
Battery	Two 12 volts
Fuel Tank Capacity ( <i>approx.</i> )	50 gallon ( <b>189.25 liters</b> )

\*This engine is purchased from Deutz under this specification especially for Hobart Brothers Company power applications.