

WESTERBEKE 8KW MARINE DIESEL GENERATOR

DESIGN: Brushless, four pole, revolving field, self regulating, pre-lubricated single bearing design. (Optional full power take-off through rear of generator available.)

VOLTAGE REGULATION: Standard $\pm 5\%$ no load to full load. (With optional solid state voltage regulation $\pm 2\%$ no load to full load.)

FREQUENCY REGULATION: 3 Hertz (5%) no load to full load. (Generator is capable of operation at either 50 or 60 Hertz by simple adjustments.)

INSULATION: Class "F" as defined by NEMA MG1-1.65.

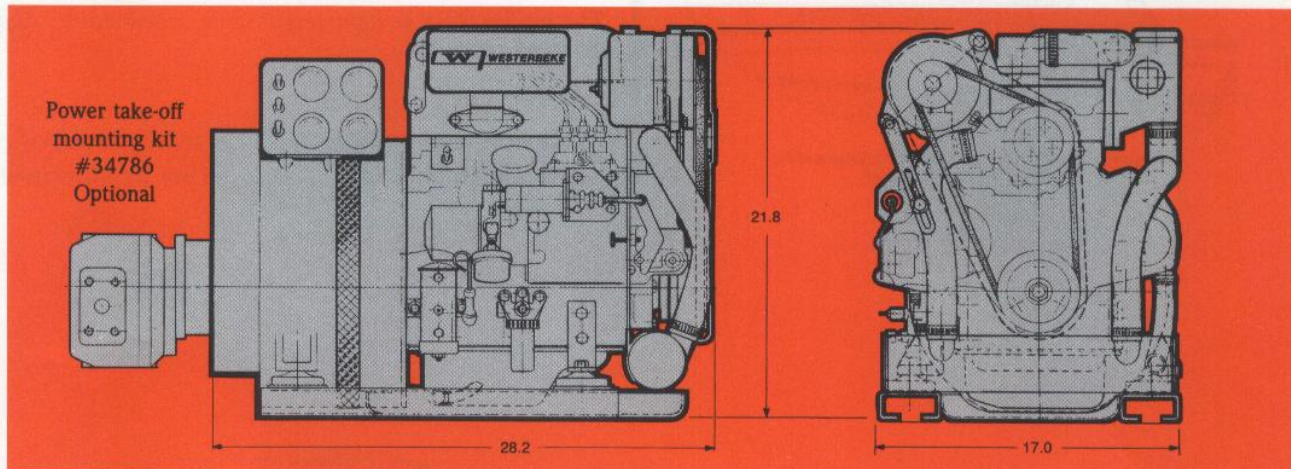
TEMPERATURE RISE: Within NEMA MG1-22.40 definition when operating at full load.

COOLING: Cast centrifugal blower, direct connected.

ELECTROMAGNETIC INTERFERENCE LEVEL: Exceeds requirements for most marine radio-telephone equipment and standard AM televisions.

ELECTRICAL CHARACTERISTICS						RATINGS		DERATINGS	ENGINE	
Model	Volts	Amps	Hertz	Phase	Wire	Power Factor	KW		RPM	Start
BT 8.0-614*	120/240	33/66	60	1	4	1.0	8	3.5% each 1000 feet above sea level. 1% for each 10° Fahrenheit above 85° Fahrenheit ambient. 10% for continuous duty.	1800	Remote
BT 6.0-514*	220	27	50	1	4	1.0	6		1500	Remote

*Reconnectable to 120 Volts @ twice the amperage.



ENGINE

Engine Type . . . 3 cyl, 4 cycle, water cooled, naturally aspirated, vertical overhead valve, diesel engine
 Bore & Stroke 2.87" x 3.07" (73mm. x 78mm.)
 Displacement 60 cubic inch (.979 litre)
 Compression ratio 23 to 1
 Cooling water capacity 5 Qts.
 Fuel Injection Pump Bosch Type with Individual plunger for each cylinder
 Injectors Pintle type
 Combustion Chamber Swirl type for easy starting and quiet operation
 Total weight 450 lbs.
 Governor Mechanical centrifugal type
 Fuel filter Paper element type
 Lub. oil filter . . Full flow, spin on, paper element type
 Lub. oil capacity with filter 3.3 Qts.
 Starting motor Geared electric motor, 12 Volt
 Starting aid 12 Volt sheathed type glow plug
 Fuel pump Electric plunger type
 Rated RPM 1800
 Max. HP at rated RPM 14 HP
 Full load fuel consumption approx. 0.9 GPH
 Exhaust Elbow connection O.D. 1⁵/₁₆"
 Sea water hose I.D. 7/8"

OPTIONAL EQUIPMENT

- Sound/Guard Enclosure • Remote Start-Stop Panel • 15' Cable for Remote Panel • Ship to Shore Transfer Panel • Hydro-Hush Exhaust Silencer and Accessories.



HYDRO-HUSH B



Straight



45°



90°

Coupling



OPTIONAL "SOUND/GUARD" SOUND ENCLOSURE WEIGHT

36" long
24" wide
27" high
95 lbs.

CALL YOUR WESTERBEKE REPRESENTATIVE

OR CONTACT THE . . .