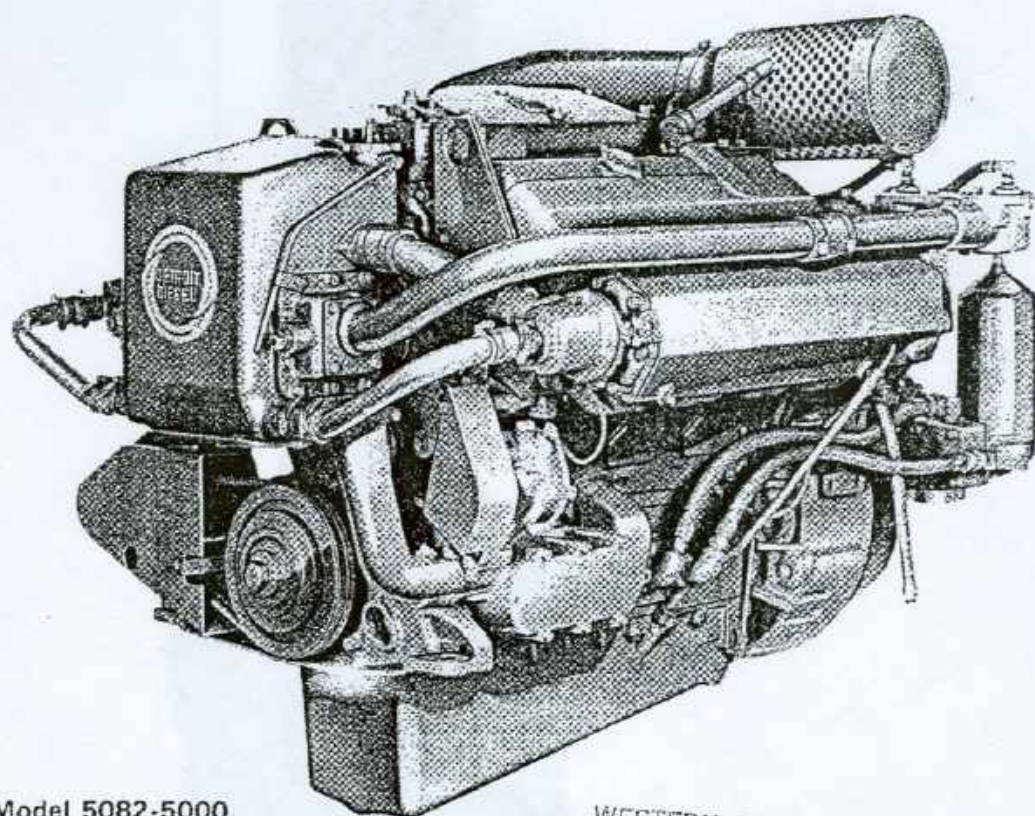


DETROIT DIESEL

MARINE
ENGINES

MODEL

6V-53N	5062-3000
	5062-7000
8V-53N	5082-5000



Model 5082-5000

WESTERN BRANCH DIESEL, INC.
6231 LEE HIGHWAY
FAIRFAX, VIRGINIA 22030
560-1636

A Power Product of General Motors



STANDARD EQUIPMENT

Air Inlet Housing—Includes manual shutdown

Air Silencer

Crankshaft Pulley—2 groove—Models 5062-3000 and 7000
3 groove—Model 5082-5000

Engine Mounts

Exhaust Manifold—Water cooled with flange

Flywheel—SAE #3—Models 5062-3000 and 7000
SAE #3—Model 5082-5000

Flywheel Housing—SAE #3—Models 5062-3000 and 7000
SAE #3—Model 5082-5000

Generator—12 volt—25 amp—Models 5062-3000 and 7000
12 volt—62 amp—Model 5082-5000

Governor—Variable speed

Heat Exchanger—with raw water pump and piping

Hydraulic Reverse and Reduction Gear—
1 to 1 ratio, Warner—Models 5062-3000 and 7000
1.93 to 1 ratio, Twin Disc MG 506—Model 5082-5000

Injectors—Cam-operated, Unit Type

Lube Oil Filter—Full-flow filter

Oil Pan and Distribution System—for 17 degree operating angle

Starting System—12 volt, Sprag clutch

OPTIONAL AND EXTRA EQUIPMENT AVAILABLE

Curve Explanation

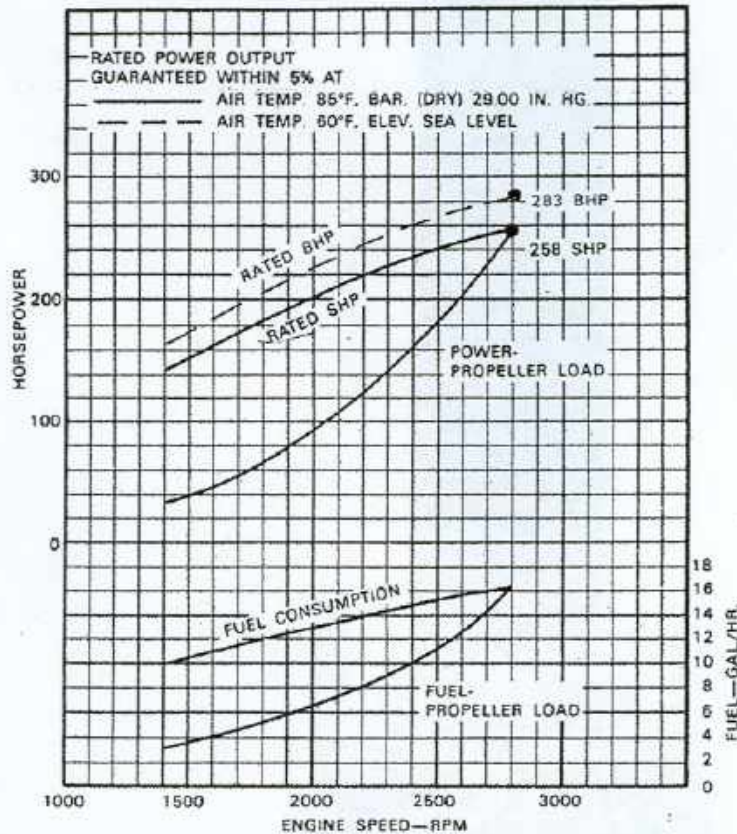
RATED BRAKE HORSEPOWER—Maximum basic engine power at 60°F and sea level.

RATED SHAFT HORSEPOWER—Maximum net power available at the marine gear output shaft; this rating is recommended for pleasure craft applications.

PROPELLER LOAD—Indicates horsepower absorbed by a typical propeller and the corresponding fuel consumption throughout the speed range.

Propeller load and shaft horsepower as shown are based on ambient conditions of 85°F, Bar. (dry) 29.00 in. HG and include deduction for standard marine accessory equipment.

MODEL 5082-5000

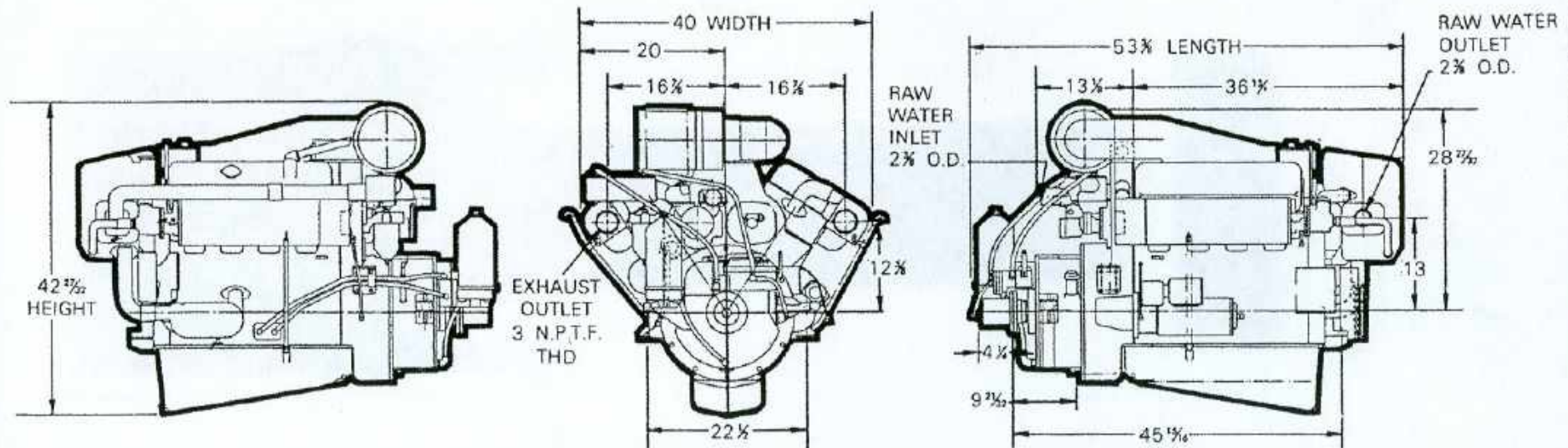


For complete engine specifications for your particular application, see your authorized Detroit Diesel representative.

REFER TO INST. DWG. 2SA283
FOR MODEL 5062-3000 and 7000 (SCALE 1"=1')

REFER TO INST. DWG. 2SA284
FOR MODEL 5062-3000 and 7000 (SCALE 1"=1')

5082-5000



REFER TO INST. DWG. 2SA342

PAID 1000426 8-52*

[illegible]

INTERMITTENT (PLEASURE CRAFT)

EXHAUST SYSTEM:
GAS FLOW
TEMPERATURE
MAX. EXH. BACK PRESS. AT MFD. OUTLET (FULL LOAD)
SUGGESTED PIPE SIZE - DUAL
- SINGLE
SUGGESTED EXH. SILENCER SIZE - DUAL
- SINGLE

62.0 LBS./MIN.
860°F.
5.5 IN. HG.
3-1/2 IN.
5 IN.
4 IN.
5 IN.

NO.	5133739
LATEST REVISION DATE	

MATL. SPEC.	
NAME	
INSTALLATION DRAWING	
PART NO. 5133739	DWG. SIZE B