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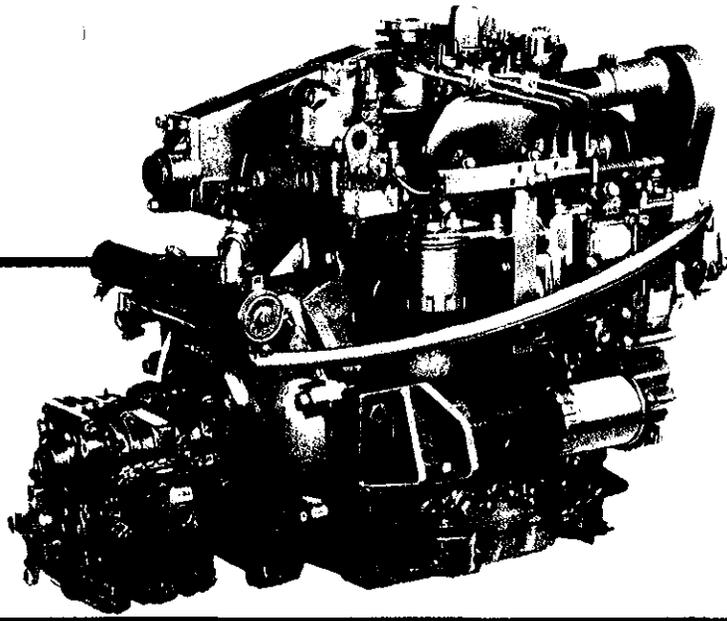
UNIVERSAL DIESEL

old 54-24
24 hp.

Model 30

68 CU. IN.

D1101



The Universal Diesel, designed and engineered to power the world's finest sailboats and small craft, offers the features you want most in an auxiliary diesel engine. Smooth, quiet operation. Clean burning exhaust. Very low fuel consumption. High torque at low R.P.M. for more pushing power when you need it.

Whether you're powering a new boat or repowering an "experienced" one, insist on the finest. Universal Power for Sail...there is no other.

Features

STANDARD EQUIPMENT: Electric start, shift lever, sea water pump, alternator, flex mounts, hand sump pump, lifting eye, Hurth reduction transmission, fresh water cooling, fuel pump, fuel filter, lube oil filter, decompression and glow plugs.

CYLINDER HEAD: Spherical graphite cast iron for maximum vibration dampening.

CYLINDER WALL: Marine chrome nickel alloy iron with spherical combustion chamber for smooth running and clean exhaust.

CRANKSHAFT: High grade steel, statically and dynamically balanced. Drilled for pressure lubrication.

CRANKCASE: Stamped steel, detachable for inspection purposes.

COUPLER: Cast iron, fully water jacketed for sea water resistance.

SEA PROTECTANT: Bronze sea water tubes with removable end for fast, easy inspection and cleaning.

SEA WATER PUMP: Rubber impeller sea water pump, with cast iron circulating pump.

FUEL SYSTEM: Bosch fuel injection system for minimum repairs. Fuel filter with replaceable element.

LUBRICATION: Full pressure lubrication with full flow spin-on oil filter. Transmission separately lubricated. (Type A oil).

CLUTCH AND GEAR: Drop center gear with helical gears and a mechanical friction clutch. Permitting free wheeling of the propeller with no effect on the gear. Shifting requires very little effort. Standard reduction ratio of 2:1. Lubricated separately from the engine.

MOUNTING: Engine equipped with three or four point adjustable mounting for ease of installation and minimum vibration.

ELECTRICAL: 12 volt system standard. Marine type 55 Amp alternator with transistorized regulator, electric starter with solenoid for remote starting, electric fuel pump.

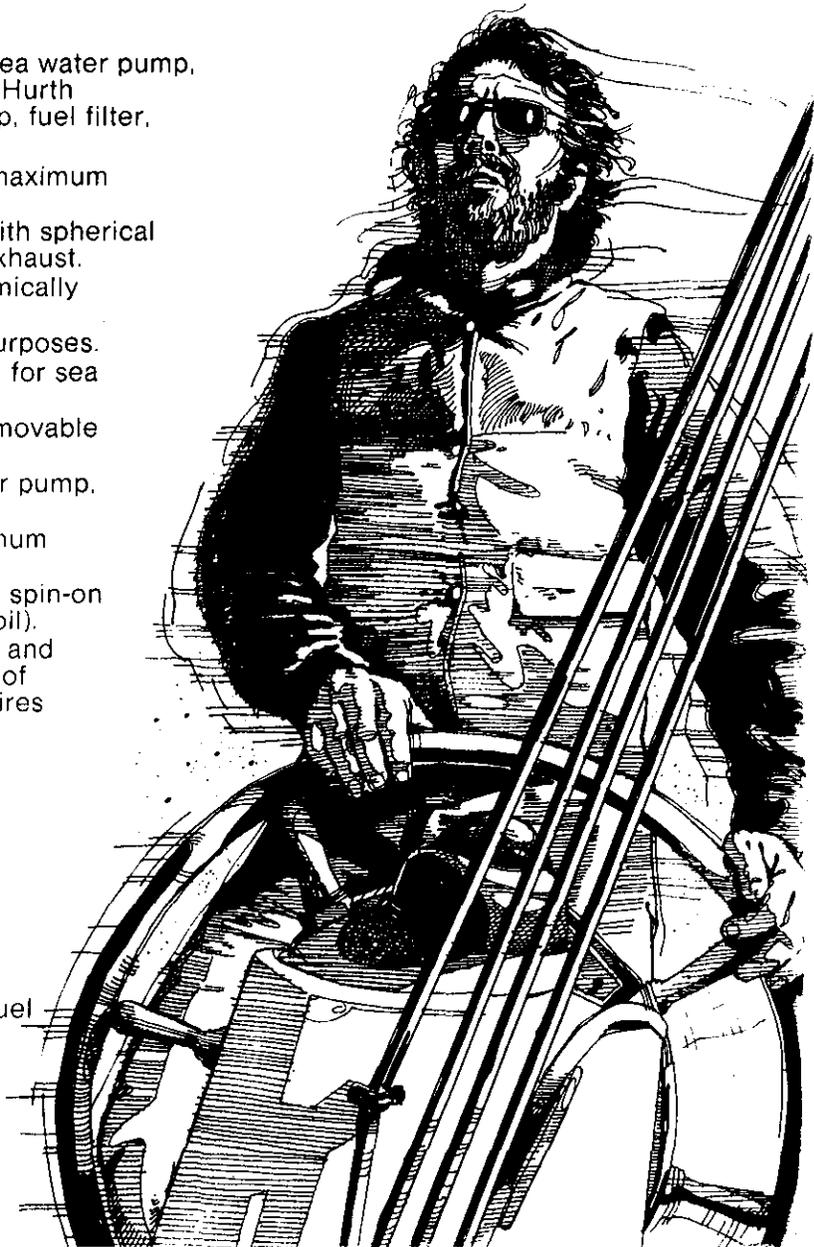
STARTING: For easy starting year around.

SAFETY: Manually operated for bleeding fuel system or cranking engine when batteries are weak.

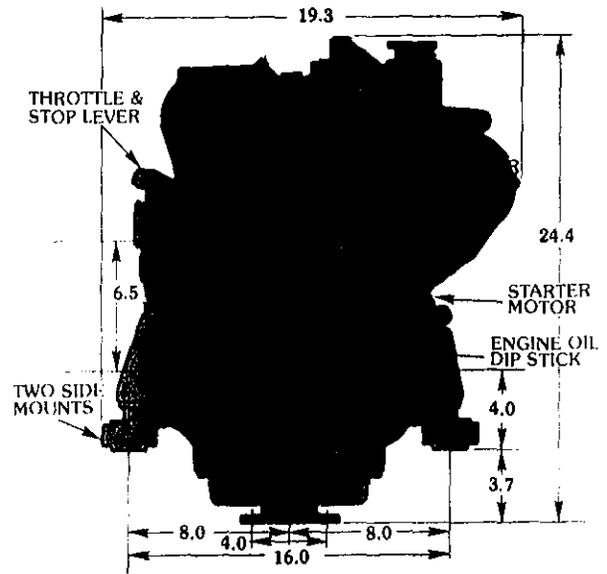
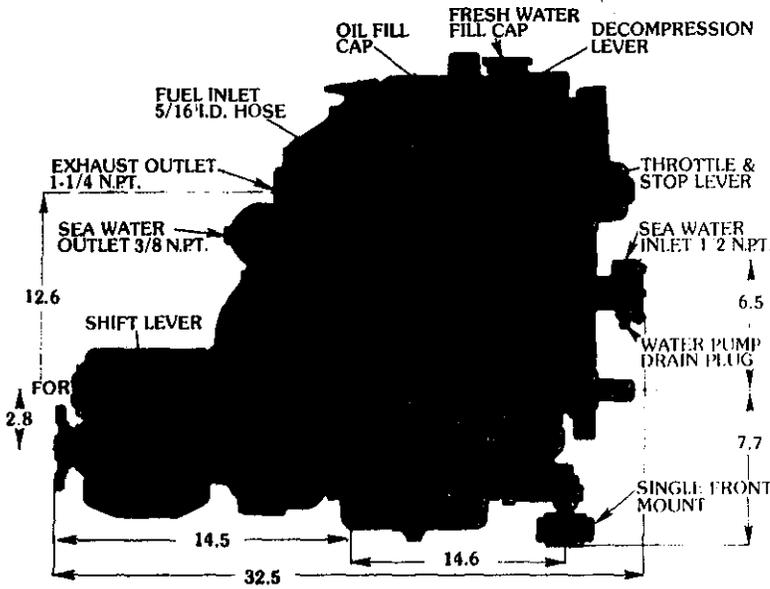
Right hand propeller.

Optional

On-board spare parts kit. Instrument panel. Flexible coupling.



installation dimensions

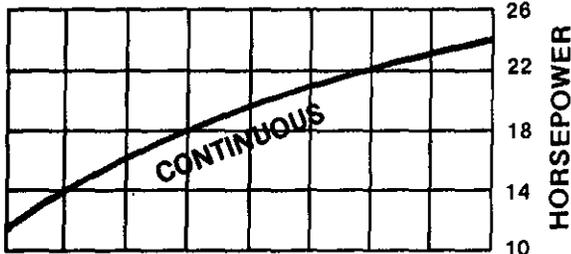


specifications

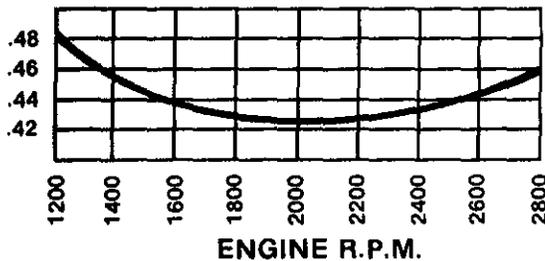
Engine Type 4 cycle
 Number of Cylinders 3-Vertical
 Displacement 68 Cu. In.
 Bore 3 In. Stroke 3.25 In.
 Starter and Fuel Pump 12 Volt

Maximum Horsepower 30
 Continuous Horsepower 24 @ 2800 R.P.M.
 Alternator 12 Volt 55 Amp
 Maximum Installation Angle 15°
 Engine Weight 425 Lbs.
 Propeller Rotation Right Hand

TORQUE FT.-LBS.



FUEL LB. H.P.-HR.



medalist

Universal Motors

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