

# PRODUCT INFORMATION

## DF70A / 90A



Way of Life!



THE  
**ULTIMATE**  
4-STROKE OUTBOARD

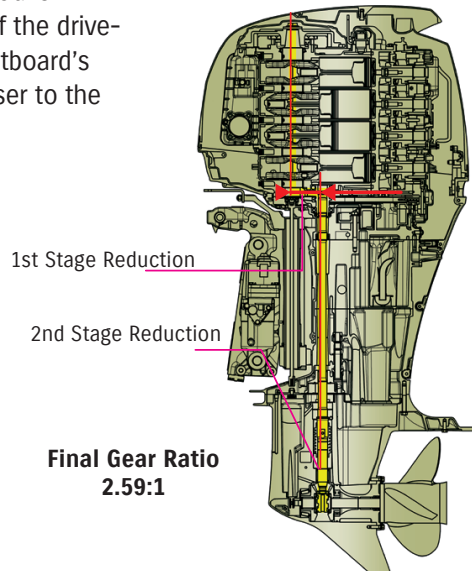
## POWERFUL



### OFFSET DRIVESHAFT

**EXPLANATION :** The engine powerhead is positioned in front of the drive-shaft, moving the outboard's center of gravity closer to the transom.

- ADVANTAGE :**
- Less vibration
  - More compact
  - Stable steering performance



### 2-STAGE GEAR REDUCTION

**EXPLANATION :** This system incorporates an Offset Driveshaft and features a first stage reduction between the crankshaft and drive shaft, and a second stage reduction inside the gear case. This design makes a larger gear ratio possible, allowing it to turn a large diameter propeller.

- ADVANTAGE :**
- High propulsion efficiency with large diameter propeller.
  - Tremendous power to turn large diameter propellers, offering quick acceleration, even with a larger load.

## FUEL EFFICIENT



### LEAN BURN



**EXPLANATION :** The Lean Burn Control System supplies the precise fuel and air mixture depending on the engine operating conditions.

- ADVANTAGE :**
- Significant improvement in fuel economy in all speed ranges, especially at cruising speed.
  - Fuel is saved and gasoline costs are cut thanks to improved fuel economy.

## INNOVATIVE



### SUZUKI TROLL MODE SYSTEM (OPTIONAL EQUIPMENT)

**EXPLANATION :** A system that keeps the boat running at a selected speed in low revs. Available as optional equipment on DF70A/90A.

- ADVANTAGE :**
- Accurate trolling speed without having to operate the throttle control on the boat.



### SUZUKI EASY START SYSTEM

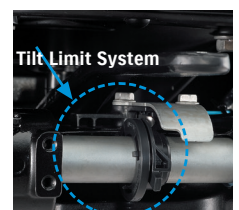
The Suzuki Easy Start System no longer requires you to hold the key until the engine starts. Now, simply turn the key and release and the starter will stay engaged until the engine starts. The system also features more precise cylinder detection, fuel injection and ignition control to deliver smoother and improved starts, more efficient combustion and greater fuel economy, making the outboard more environmentally friendly.



### TILT LIMIT SYSTEM

**EXPLANATION :** A Tilt Limit System that prevents the outboard from tilting beyond a certain angle.

- ADVANTAGE :**
- When properly adjusted, this system prevents damage to the boat or outboard due to excessive outboard tilting.

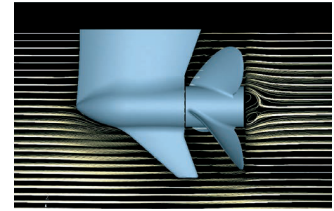




## STREAMLINED GEAR CASE AND HIGHLY EFFICIENT PROPELLER

The lower gear case on both outboards utilizes a hydrodynamic design. As the lower unit moves through the water, its sleek form reduces drag by up to 36% compared to conventional designs. This contributes to faster acceleration and increased speed.

Thanks to the powerful torque delivered by Suzuki's two-stage gear reduction, these outboards can turn a large diameter propeller. Suzuki has engineered a new highly efficient propeller that takes advantage of this torque to provide faster acceleration and higher top speed.



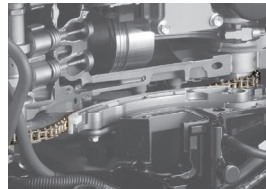
## RELIABLE



### SELF-ADJUSTING TIMING CHAIN

**EXPLANATION :** The timing chain runs in an oil-bath so it never needs lubricating, and is equipped with an automatic hydraulic tensioner so it remains properly adjusted at all times.

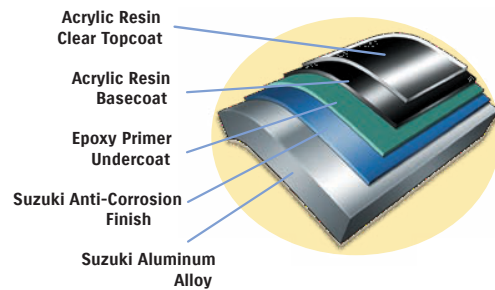
- ADVANTAGE :**
- More durability compared to belt types of same class.
  - Maintenance-free.



### SUZUKI ANTI-CORROSION FINISH

**EXPLANATION :** Special protection is applied to aluminum surfaces using high strength chemical bonding to protect the exterior parts.

- ADVANTAGE :**
- Protection against corrosion helps increase the overall engine durability.



### DUAL ENGINE FLUSH PORTS

Over time, salt, sand and dirt build-up can restrict water flow in the cooling system thus causing damage. To help prevent such build-up, the DF90A and 70A are equipped with two freshwater flush ports that make flushing the cooling system much easier. With one port located on the port side of the down housing and a second on the front panel, you'll always have easy access to the flushing system whether the boat is in or out of the water.



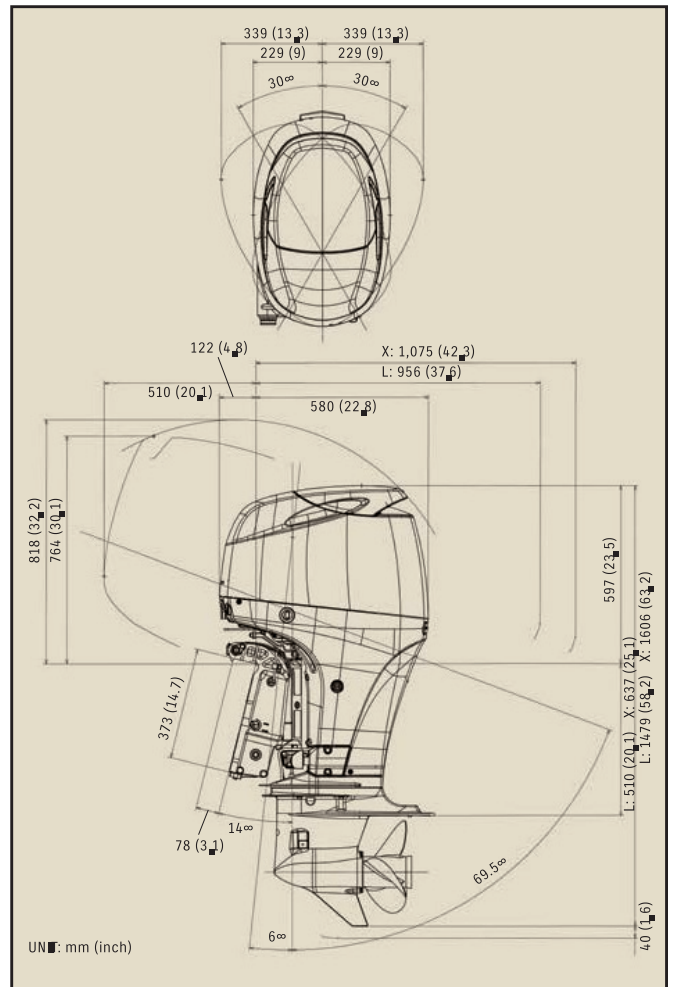
# FEATURES

MODEL		90A	70A
BODY COLOR	PEARL NEBULAR BLACK	●	●
	COOL WHITE	●	●
2-STAGE GEAR REDUCTION SYSTEM		●	●
HYDRODYNAMIC GEAR CASE		●	●
OFFSET DRIVESHAFT		●	●
DIRECT IGNITION		●	●
SELF-ADJUSTING TIMING CHAIN		●	●
SUZUKI LEAN BURN CONTROL SYSTEM		●	●
SUZUKI EASY START SYSTEM		●	●
LOW OIL PRESSURE CAUTION		●	●
FRESH WATER FLUSHING SYSTEM		●	●
SUZUKI TROLL MODE SYSTEM		○	○
TILT LIMIT SYSTEM		●	●

# SPECIFICATIONS

MODEL	DF90A/70A
RECOMMENDED TRANSOM HEIGHT IN	L: 20 X: 25 (DF90A Only)
STARTING SYSTEM	Electric
WEIGHT LBS *1	L: 343 X: 352
ENGINE TYPE	DOHC 16-Vakve
FUEL DELIVERY SYSTEM	Multi-Point Sequential EFI
NO. OF CYLINDERS	4
PISTON DISPLACEMENT IN <sup>3</sup>	91.8
BORE X STROKE IN	3.00 x 3.30
MAXIMUM OUTPUT HP (PS)	DF70A: 70 DF90A: 90
FULL THROTTLE OPERATING RANGE RPM	DF70A: 5,000-6,000 DF90A: 5,300-6,300
STEERING	Remote
OIL PAN CAPACITY QTS	4.2
IGNITION SYSTEM	Fully-Transistorized
ALTERNATOR	12V 27A
ENGINE MOUNTING	Shear Mount
TRIM METHOD	Power Trim and Tilt
GEAR RATIO	2.59:1
GEAR SHIFT	F_N_R
EXHAUST	Through Prop Hub
PROPELLER SELECTION (PITCH)*	9"-26"

# DIMENSIONS



**CARB Three-Star Label**  
The three-star label identifies engines that meet the California Air Resources Board's 2008 exhaust emission standards. Engines meeting these standards have 65% lower emissions than EPA 2006 exhaust emission standards.



**EPA 2006 Label**  
Suzuki's four-stroke technology ensure compliance with EPA 2006 exhaust emission standards set by the U.S. Environmental Protection Agency.

\*All propellers are the 3-blade type. Please inquire at your local dealer for details of the propeller.

\*1: Dry Weight: Including battery cable, not including propeller and engine oil,

Please read your owners manual carefully. Remember, boating and alcohol or other drugs don't mix. Please operate your outboard safely and responsibly. Suzuki encourages you to operate your boat safely and with respect for the marine environment.

SUZUKI MOTOR CORPORATION reserves the right to change, without notice, equipment, specifications, colors, materials and other items to apply to local conditions. Each model may be discontinued without notice. Please inquire at your local dealer for details of any such changes. Actual body colors may differ slightly from the colors in this brochure.



www.suzukimarine.com



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