FEATURES

MODEL		175A	150A
BODY COLOR	Pearl Nebular Black	●	●
	Cool White	●	●
2-STAGE GEAR REDUCTION SYSTEM		●	●
VARIABLE VALVE TIMING SYSTEM		●	—
MULTI-STAGE INDUCTION SYSTEM		●	●
OFFSET DRIVESHAFT		●	●
DIRECT IGNITION		●	●
SELF-ADJUSTING TIMING CHAIN		●	●
SUZUKI LEAN BURN CONTROL SYSTEM		●	●
O_2 SENSOR FEEDBACK CONTROL SYSTEM		●	●
SUZUKI WATER DETECTING SYSTEM		●	●
SUZUKI EASY START SYSTEM		●	●
OVER-REV. LIMITER		●	●
LOW OIL PRESSURE CAUTION		●	●
FRESH WATER FLUSHING SYSTEM		●	●
SUZUKI TROLL MODE SYSTEM		○	○
TILT LIMIT SYSTEM		●	●
SUZUKI ANTI-CORROSION SYSTEM		●	●

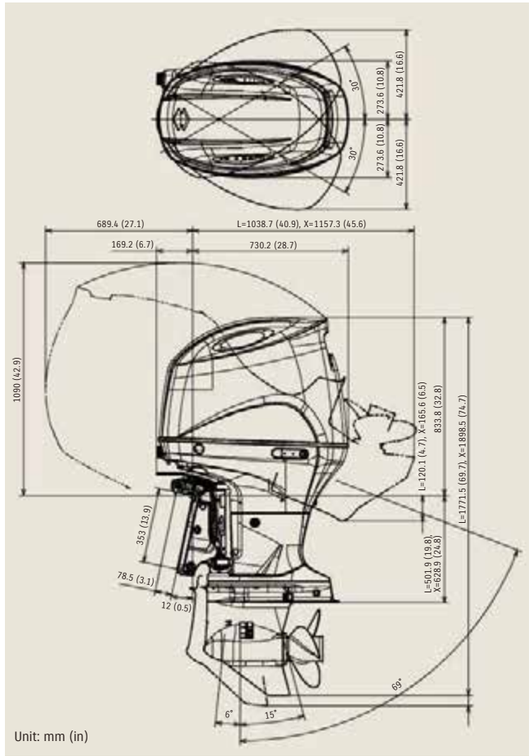
●: Standard Equip. ○: Optional Equip.

DF175A/150A SPECIFICATIONS

MODEL	DF175A	DF150A
RECOMMENDED TRANSOM HEIGHT mm (in.)	L:508 (20) X:635 (25)	
STARTING SYSTEM	Electric	
WEIGHT kg *1	L:235 X:240	
ENGINE TYPE	DOHC 16-Valve	
FUEL DELIVERY SYSTEM	Multi-Point Sequential Electronic Fuel Injection	
NO. OF CYLINDERS	In-Line 4	
PISTON DISPLACEMENT cm^3 (cu.in.)	2,867 (174.9)	
BORE × STROKE mm (in.)	97×97 (3.81×3.81)	
MAXIMUM OUTPUT kW (PS)	129.0 (175)	110.0 (150)
FULL THROTTLE OPERATING RANGE rpm	5,500-6,100	5,000-6,000
STEERING	Remote	
OIL PAN CAPACITY Lit. (U.S. qt)	8.0 (8.5)	
IGNITION SYSTEM	Fully-transistorized	
ALTERNATOR	12V 44A	
ENGINE MOUNTING	Shear Mount	
TRIM METHOD	Power Trim and Tilt	
GEAR RATIO	2.50:1	
GEAR SHIFT	F-N-R	
EXHAUST	Through Prop Hub Exhaust	
PROPELLER SELECTION (Pitch)*2 3 blades and 4 blades propeller are available.	15"-27.5"(R/R) 17"-26(C/R)	

*1: Dry Weight: Including battery cable, not including propeller and engine oil.
*2: Please inquire at your local dealer for details of the propellers.

DIMENSIONS



Unit: mm (in)

Please read your owner's manual carefully. Remember, boating and alcohol or other drugs don't mix. Always wear a personal flotation device when boating. Please operate your outboard safely and responsibly. Suzuki encourages you to operate your boat safely and with respect for the marine environment.

Specifications, appearances, equipment, colors, materials and other items of "SUZUKI" products shown on this catalogue are subject to change by manufacturers at any time without notice and they may vary depending on local conditions or requirements. Some models are not available in some territories. Each model might be discontinued without notice. Please inquire at your local dealer for details of any such changes. Actual body color might differ from the colors in this brochure.

SUZUKI
SUZUKI MOTOR CORPORATION
300 TAKATUKA-CHO, MINAMI-KU, HAMAMATSU CITY, JAPAN 432-8611
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SUZUKI
Way of Life!

PRODUCT INFORMATION
DF175A/150A

LEAN BURN

POWERFUL AND QUICK. CLEAN AND EFFICIENT. A 4-STROKE FOR ALL PURPOSES.

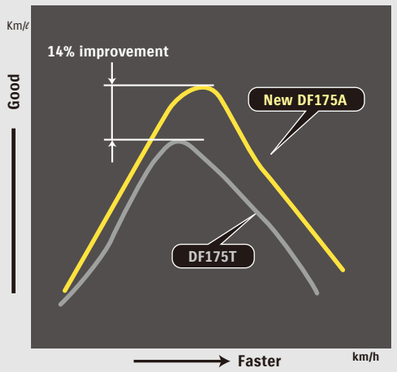
DF175A/DF150A

1 FUEL EFFICIENT

LEAN BURN

With a combination of our Lean Burn technology, a semi-direct intake system and a high performance compression ratio of 10.2-to-1, these new outboards deliver clean, efficient power. Compared to the current 175 and 150, the DF175A is 14% more fuel efficient and the DF150A shows a 7% improvement for significant savings at the fuel dock.

Comparison of Fuel Consumption per Liter
(New DF175A vs. Current DF175T)

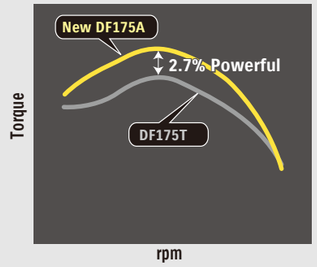


Compared to the current DF175T/150T, the new DF175A/ 150A offer superior fuel economy over their full operating range. The DF175A, which now incorporates both our Lean Burn Control system and Variable Valve Timing (VVT), shows a fuel economy improvement of up to 14%.

2 POWERFUL

With more torque (3.1% more for the DF150A and 2.7% more for the DF175A), as well as Suzuki's proven offset driveshaft layout with 2-stage gear reduction, these new outboards generate more power throughout the full rpm range. Even on heavier, fully loaded boats, the DF150A and 175A take performance to the next level.

Torque Curve (New DF175A vs. Current DF175T)



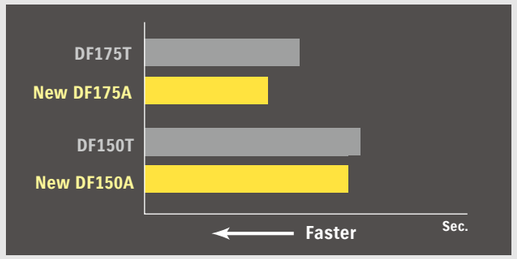
DF175A

DF150A

3 QUICK ACCELERATION

The DF150A and DF175A now share the same engine block used for our popular DF200A. Big displacement and precise mechanical design combine for quicker acceleration, whether out of the hole or in mid-range. We're satisfying our customers' desire for performance and improved fuel economy.

0-30MPH Time



4 RELIABLE

These new outboards take full advantage of Suzuki's proven Ultimate 4-stroke technology to provide season after season of reliable performance. A knock sensor keeps the engine running smoothly for improved durability. An O_2 sensor improves engine efficiency and Suzuki's water detecting system helps protect the engine from the effects of bad gas, which include poor combustion, lower power output and corrosion.

*Data used in this product information was obtained through In - house testing under uniform conditions. Results will vary depending upon operating conditions.

ADVANCED TECHNOLOGY FOR PERFORMANCE

POWERFUL

OFFSET DRIVESHAFT

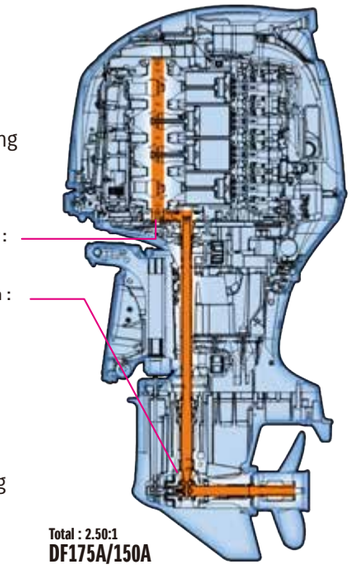
EXPLANATION : The engine powerhead is offset closer to the transom, moving the outboard's center of gravity forward.

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

2-STAGE GEAR REDUCTION

EXPLANATION : This system which incorporates the Offset Driveshaft 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 for high propulsive efficiency while providing greater torque.

ADVANTAGE :
- High propulsive efficiency with large diameter propeller.
- Powerful navigation, maintaining propeller rotation even with a larger load.
- Power to turn large diameter propellers, offering quick acceleration.



These reduction gear ratios are the largest in each class.

MODEL	DF175A/150A
GEAR RATIO	2.50:1

MULTI-STAGE INDUCTION SYSTEM

EXPLANATION : Intake manifold pipes are switched between short and long ones during low speed and high speed operation to ensure the right volume of air entering the engine.

ADVANTAGE :
- Increases output during high speed operation with greater volume of air input.
- Increases combustion efficiency and maximizes torque by increasing the density in the air intake during low speed operation.

VVT (Variable Valve Timing)

EXPLANATION : The Variable Valve Timing is used to control the open and close timing on the intake valve depending on the engine operation.

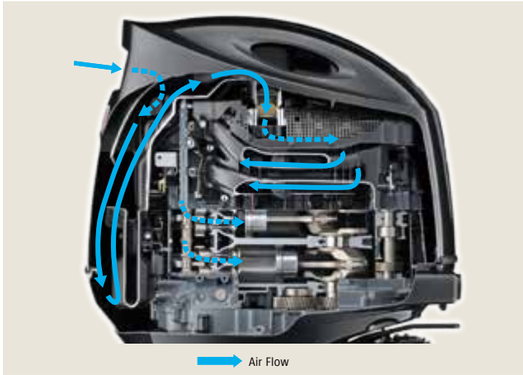
ADVANTAGE :
- Offers smooth, powerful torque.
- Provides tremendous acceleration during operation at all speed ranges.

CLEAN AND EFFICIENT

SEMI-DIRECT AIR INTAKE SYSTEM

EXPLANATION : This system brings cooler air directly into the multi- stage intake manifold, making it possible for the engine to operate more efficiently.

ADVANTAGE :
- Greater acceleration and top-end speed.



O_2 SENSOR FEEDBACK CONTROL SYSTEM

EXPLANATION : This system provides accurate, real-time information Delete the ECU uses to manage the fuel/ air ratio as operating conditions change.

ADVANTAGE :
- Enables emissions to be clean and stable.
- Helps maintain optimum engine operating efficiency across the engine's full operating range.

LEAN BURN

EXPLANATION : The Lean Burn Control System supplies the right fuel and air mixture depending on the navigation conditions.

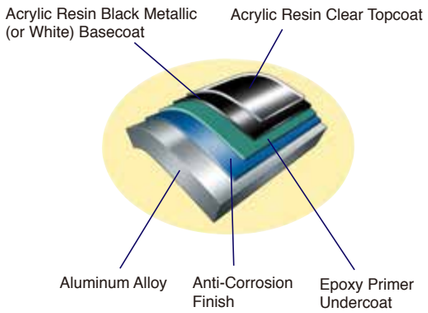
ADVANTAGE :
- Significant improvement in fuel economy in all speed ranges especially at cruising speed.
- Fuel use and expense are reduced thanks to improved fuel economy.

RELIABLE

SUZUKI ANTI-CORROSION SYSTEM

EXPLANATION : Special protection is applied to the aluminum surface using high strength bonding to protect the aluminum made exterior parts.

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



SUZUKI WATER DETECTING SYSTEM

EXPLANATION : Designed to help protect the engine from moisture in the fuel utilizing a water detecting fuel filter to alert the operator with both visual and audio warnings when water is present in the fuel.

ADVANTAGE :
- Protects engine from poor combustion, lower power output, and corrosion.