SUZUKI

THE ULTIMATE OUTBOARD MOTOR

PRODUCT INFORMATION

DF140BG/115BG
DF140B/115B/100C



High Performance & User Friendly 140/115/100PS* Model

*140PS(103kw), 115PS(84.6kw), 100PS(73.6kw)

Easy Maintenance

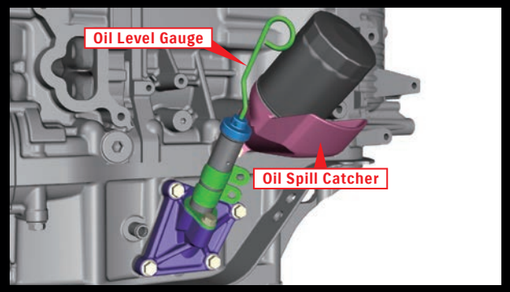
■ Designed for customers to maintain easily

Advantage

■ Easy access oil filter:
Can be replaced simply by removing the top cover
■ Oil Spill Catcher:
A tray is added around the oil filter to catch oil which comes out when exchanging the oil filter
■ Oil Level Gauge:
Able to use Φ15mm oil changer hose



Easy access Oil Filter



Oil Spill Catcher & Oil Level Gauge

Dynamic & Smooth Design



DF140BG



DF100C

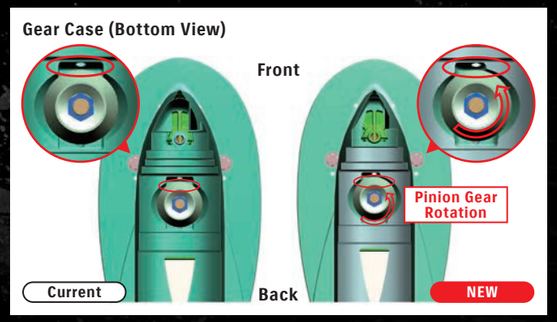
High Durability

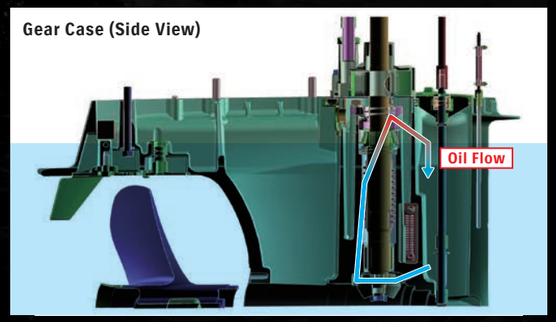
Improved Gear Case

■ By optimizing the gear oil passage, the spinning pinion gear generates negative pressure and it helps the gear oil circulate more efficiently.

Advantage

■ It lowers gear oil temperature and cools the gear. So this gear case contributes to increasing the durability of pinion gear.





Additional Features for DF140BG/115BG

■ Drive by Wire
■ Good fuel efficiency
■ New S.P.C.*1

New Keyless start system & Automatic Trim are available (optional*2)

*1 Suzuki Precision Control is a digital remote controller.
*2 Available with SMD (Suzuki Multi-Function Display) or SMG4 (Suzuki Multi-Function Gauge).



Special Features For DF140BG/115BG

NEW Suzuki Precision Control (S.P.C.)

- Operation from the remote control is delivered to outboard via an electric signal and not by the traditional mechanical control cables.

New Features

- New design
- Available to control up to 6 engines.
- Easy start for multi-engine boats
  Users can start and stop multiple engines with one button push. Outboards start in order from port to starboard.
- 1 Lever Operation
  This switch allows multiple motor operation with only 1 lever (Dual top mount only).
- Automatic Trim can be used with the equipment of SMG4/SMD.

Remote Control Box



Single Top Mount



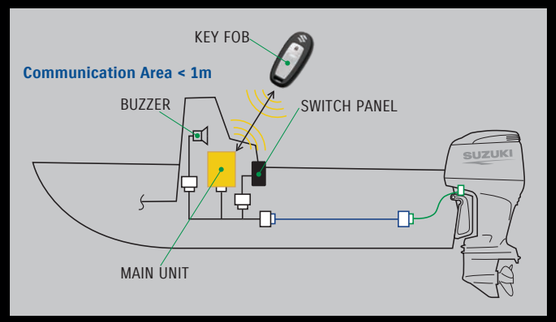
Dual Top Mount



NEW Suzuki Keyless Start System

- Start engine with access code transmitted from keyless fob
- No ignition key necessary.
- How to use
  1. Stand nearby the console with the key fob.
  2. Press the start button and you are ready to go!





Switch Panel

Horizontal



Vertical



Separate





Ultimate Boating Experience is Here with DF140BG/115BG





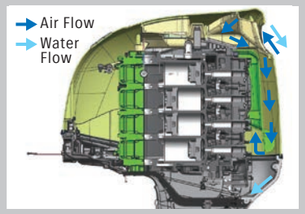
DURABILITY & RELIABILITY

New Air Intake System

■ Newly designed air intake system separate water from air twice before the air is taken into cowl

Advantage

■ The special structure of air intake can increase the ability to remove water from air taken into cowl
■ Lower the temperature of the air intake
■ Delivers higher power output

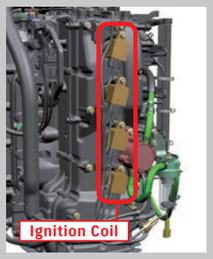


Direct Ignition

■ Integrates the ignition coils into the spark plug caps

Advantage

■ Reduces the number of parts and simplifies the wiring system
■ Removing the high tension cord enables the ignition to generate spark efficiently which leads to the improvement of combustion efficiency

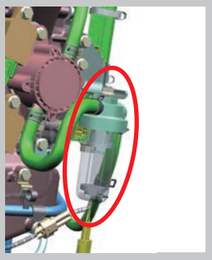


Water Detecting System

■ It helps to protect the engine from water in the fuel
■ Using bigger fuel filter than DF140A/DF115A/DF100A
■ Optimized Fuel Filter position

Advantage

■ Can avoid water getting into the fuel
■ Increased Durability & Reliability
■ Easy replacement of fuel filter



More Features to contribute to Durability

■ Large capacity Fuel Pump : Capable to rig on various kinds of boats
■ Optimized O_2 Sensor mounting position : Increased Durability
■ Using Zinc-containing Rustproof Coating bolt : Increased Durability

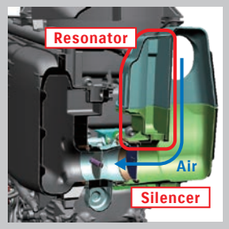
EASE & COMFORT

Quiet Operation

■ Intake noise is suppressed with a resonator, which makes the noise from the outboard quieter.

Advantage

■ Less noise, making boating more pleasant.

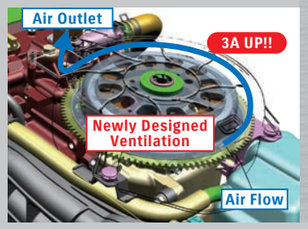


Alternator Output

■ Newly designed ventilation which cools the coils better

Advantage

■ 3Amp better alternator output at idle speed range that is roughly equivalent to the necessary output to operate SMD12/SMD16.



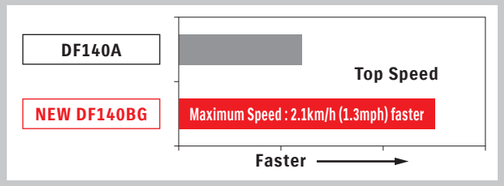
PERFORMANCE

High Compression Ratio

■ To achieve the optimized shape of parts, we simulated over 1,000 combinations and tested thoroughly with carefully selected parts.

Advantage

■ Achieved 10.6 Compression Ratio which contributes to high torque.



*Data in the graph is based on "In-House Suzuki Testing" under uniformed conditions. Results will vary depending upon operating conditions (boat design, size, weight, weather, etc.).

Offset Drive Shaft

■ The engine powerhead is positioned closer to the front, moving the outboard's center of gravity forward.

Advantage

■ Less vibration
■ More compact
■ Stable steering performance

2-Stage Gear Reduction

■ 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.

Advantage

■ High Torque even with big loads.
■ Powerful enough to rotate larger propeller

ECOLOGY & ECONOMY

Lean Burn Control System

■ The Lean Burn Control System supplies the appropriate amount of fuel and air mixture depending on the navigation conditions.

Advantage

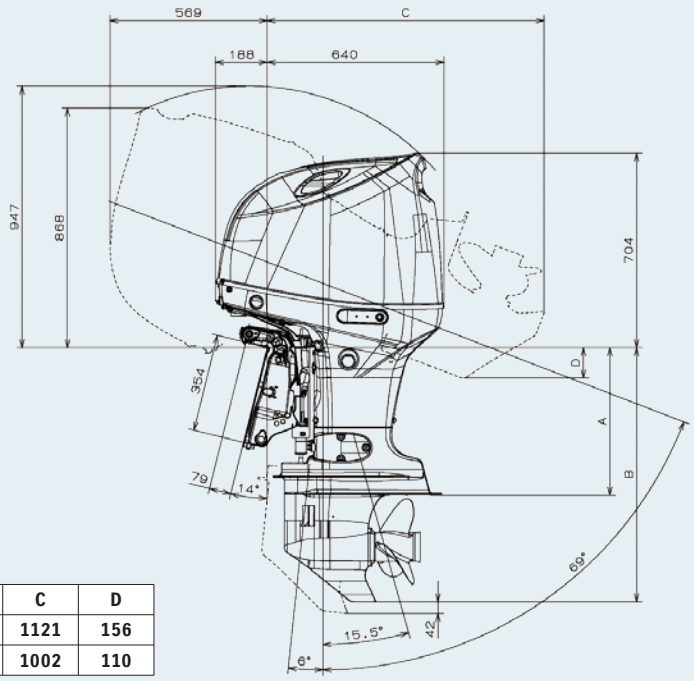
■ Significant improvement in fuel economy in all speed ranges especially at cruising speed.
■ Fuel is saved and gasoline costs are cut thanks to improved fuel economy.



DIMENSIONS

DF140BG/DF115BG
DF140B/DF115B/DF100C

Unit: mm



Dimension	A	B	C	D
TRANSOM:X	661	1047	1121	156
TRANSOM:L	534	920	1002	110

FEATURE & SPEC SHEET

FEATURES		DF140BG DF115BG	DF140B DF115B	DF100C
BODY COLOR	BLACK	●	●	●
	WHITE	●	●	
NEW SUZUKI PRECISION CONTROL (S.P.C.)		●		
NEW DYNAMIC & SMOOTH DESIGN		●	●	●
RESONATOR INTEGRATED WITH THE SILENSER		●	●	●
OFFSET DRIVE SHAFT		●	●	●
2-STAGE GEAR REDUCTION SYSTEM		●	●	●
NEW DESIGNED AIR INTAKE SYSTEM		●	●	●
SUZUKI WATER DETECTING SYSTEM		●	●	●
SUZUKI LEAN BURN CONTROL SYSTEM		●	●	●
UPGRADED COMPRESSION RATIO		●	●	●
UPGRADED VENTILATION FUNCTION		●	●	●
EASY ACCESS OIL FILTER		●	●	●
EASY ACCESS FUEL FILTER		●	●	●
OIL SPILL CATCHER		●	●	●
USABLE OIL LEVEL GAUGE		●	●	●
DUAL ENGINE FLUSH PORT		●	●	●
DIRECT IGNITION		●	●	●
SELF-ADJUSTING TIMING CHAIN		●	●	●
OPTIMAIZED O_2 SENSOR MOUNTING POSITION		●	●	●
LARGE CAPACITY FUEL PUMP		●	●	●
ZINC-CONTAINING RUSTPROOF COATING BOLT		●	●	●
NEW AUTOMATIC TRIM		○		
SUZUKI TROLL MODE SYSTEM*1		○	○	○
TILT LIMIT SYSTEM		●	●	●
SUZUKI ANTI-CORROSION SYSTEM		●	●	●
SDSM*2		○	○	○
KEYLESS START SYSTEM*2		○	○	○
SUZUKI EASY START SYSTEM		●	●	●
OVER REV LIMITER		●	●	●
LOW OIL PRESSURE CAUTION		●	●	●

SPECIFICATIONS	DF140BG DF115BG	DF140B DF115B	DF100C
STARTING SYSTEM	Electric		
RECOMMENDED TRANSON HEIGHT (mm)	L:508 / X:635		
WEIGHT (kg)	DF140BG: L 188/ X 192 DF115BG: L 190/ X 194	DF140B: L 186/X 190 DF115B/DF100C: L 188/X 192	
VALVE TRAIN	DOHC 16-Valve		
FUEL DELIVERY SYSTEM	Multi-Point Sequential Electric Fuel Injection		
NO. OF CYLINDERS	4		
DISPLACEMENT (cm^3)	2,045		
MAXIMUM OUTPUT (kw)	DF140BG&B: 103 DF115BG&B: 84.6 DF100C: 73.6		
COMPRESSION RATIO	10.6		
BORE x STROKE (mm)	86 X 88		
OPERATION RANGE (rpm)	DF140BG&B: 5,700-6,300 DF115BG&B: 5,000-6,000 DF100C: 5,000-6,000		
STEERING	Remote		
OIL PAN CAPACITY (L)	5.5		
ALTERNATOR	12V 40A*		
TRIM TYPE	Power Trim and Tilt		
ENGINE MOUNTING	Shear Mount		
GEAR RATIO	2.59 : 1		
CONTROL SYSTEM	Digital	Mechanical	
RECOMMENDED FUEL	RON91,AKI87		
PROPELLER SELECTION (PITCH)	15"-25"(RR) 17"-23"(CR)		

*3Amp up at idle

●: Standard ○: Optional

*1: Available with SMD, SMG4, or Troll Mode Switch Panel

*2: Available with SMD or SMG4. SDSM=SUZUKI DIAGNOSTIC SYSTEM MOBILE

SUZUKI

SUZUKI MOTOR CORPORATION
300 TAKATSUKA, MINAMI, HAMAMATSU, JAPAN

99999-C2021-002 DF140BG/115BG DF140B/115B/100C Product Information