



DF115BG

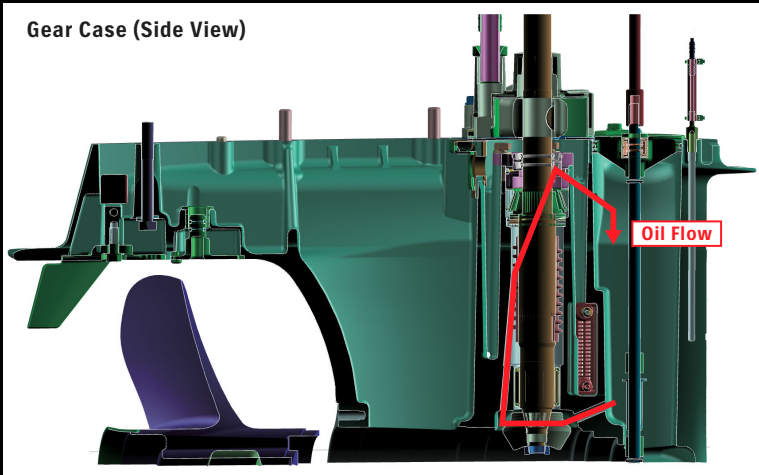
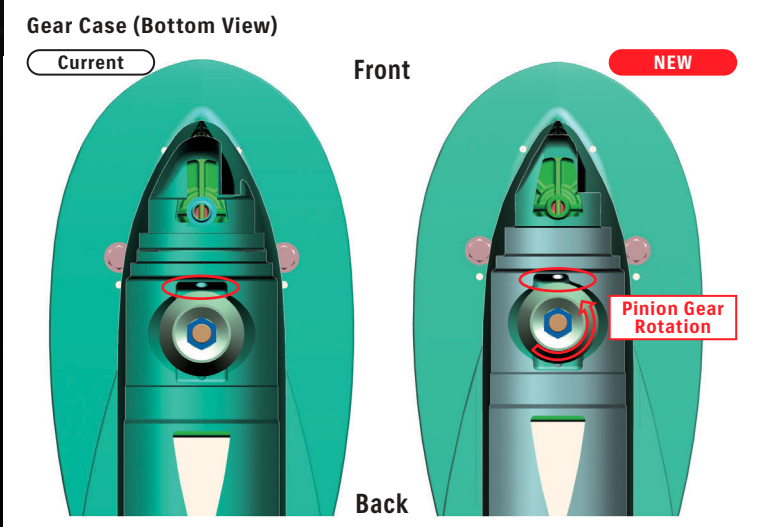
High Durability

Improved Gear Case

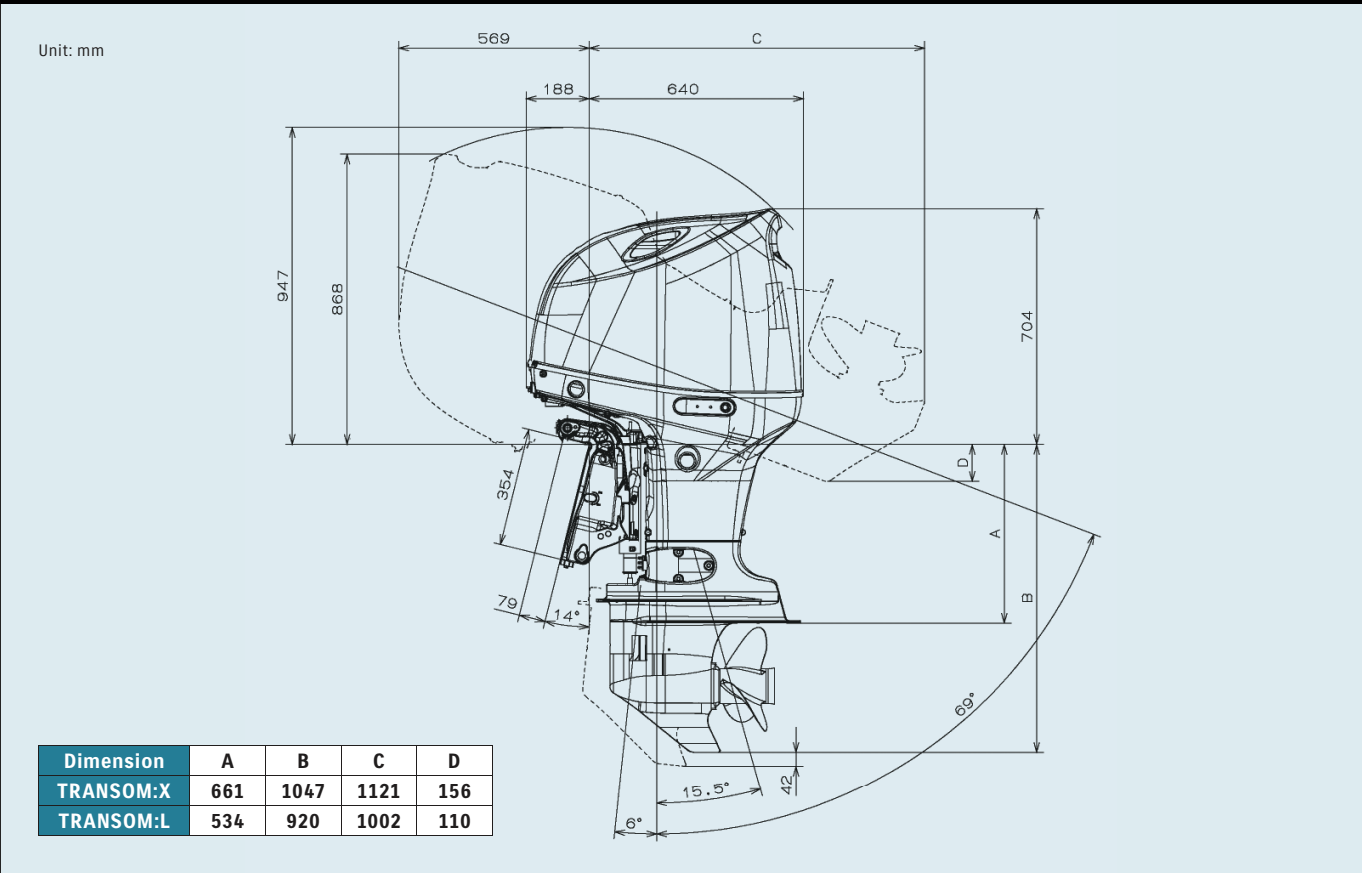
- By optimizing the gear oil passage, the spinning pinion gear generates negative pressure and it helps gear oil circulation.

Advantage

- It lowers gear oil temperature and contributes to the increased durability of pinion gear.



DIMENSIONS



FEATURE & SPEC SHEET

DF140BG /DF115BG FEATURES		
BODY COLOR	BLACK	●
	NEW WHITE	●
SUZUKI PRECISION CONTROL (SPC)		●
NEW DYNAMIC & SMOOTH DESIGN		●
RESONATOR INTEGRATED WITH THE SILENCER		●
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 FILITER		●
EASY ACCESS FUEL FILTER		●
OIL SPILL CATCHER		●
USABLE OIL LEVEL GAUGE		●
DUAL ENGINE FLUSH PORT		●
DIRECT IGNITION		●
SELF-ADJUSTING TIMING CHAIN		●
O ₂ SENSOR FEEDBACK CONTROL SYSTEM		●
LARGE CAPACITY FUEL PUMP		●
ZINC-CONTAINING RUSTPROOF COATING BOLT		●
SUZUKI TROLL MODE SYSTEM*1		○
TILT LIMIT SYSTEM		●
SUZUKI ANTI-CORROSION SYSTEM		●
SDSM*2		○
KEYLESS START SYSTEM		●
SUZUKI EASY START SYSTEM		●
OVER-REV. LIMITER		●
LOW OIL PRESSURE CAUTION		●

□ : Standard Equip. ○ : Optional Equip.

*1: Available with SMD, SMG, or Troll Mode Switch Panel *2: Available with SMD or SMG

DF140BG /DF115BG SPEC	
RECOMMENDED TRANSOM HEIGHT (mm)	L:511 / X:638
STARTING SYSTEM	Electric
WEIGHT (kg)	DF140BG : 188/192 , DF115BG : 190/194
ENGINE TYPE	DOHC 16-Valve
FUEL DELIVERY SYSTEM	Multi-Point Sequential Electric Fuel Injection
NO. OF CYLINDERS	4
PISTON DISPLACEMENT (cm ³)	2,045
COMPRESSION RATIO	10.6
BORE X SROKE (mm)	86 X 88
MAXIMUM OUTPUT (kw)	84.6 / 103
FULL THROTTLE OPERATING RANGE (rpm)	DF140BG : 5,600-6,200 DF115BG : 5,000-6,000
STEERING	Remote
OIL PAN CAPACITY (L)	5.5
RECOMMENDED FUEL	RON91 / AKI87
IGNITION SYSTEM	Fully-transistorized
ALTERNATOR	20A/700rpm , 40A/6000rpm
ENGINE MOUTING	Share Mount
TRIM METHOD	Power Trim and Tilt
GEAR RATIO	2.59 : 1
GEAR SHIFT	F-N-R
EXHAUST	Through Prop Hub Exhaust
PROPELLER SELECTION (PITCH)	15°-25°(RR), 17°-23°(CR)

SUZUKI
SUZUKI MOTOR CORPORATION
300 TAKATSUKA, MINAMI, HAMAMATSU, JAPAN

99999-C2086-001 DF140BG/DF115BG Product Information © Printed in Japan 2008

SUZUKI

THE
ULTIMATE
OUTBOARD MOTOR

PRODUCT INFORMATION

DF140BG/DF115BG

Drive by wire



World's First Drive By Wire Model in 4-stroke 140/115PS*

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

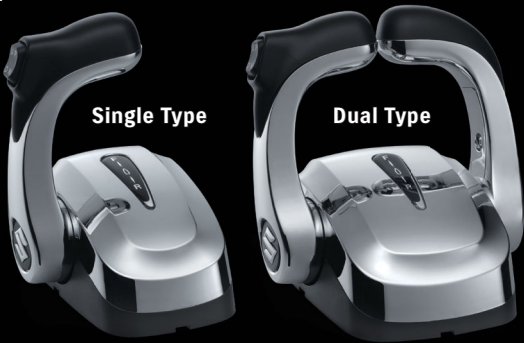
DF140A/115A's Reliability & Fuel Efficiency + Cutting Edge Technology

Drive By Wire

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

Advantage

- Smooth Shift & Operation
- Easy Rigging
- Increased Fuel Efficiency
- Luxury Remote Control

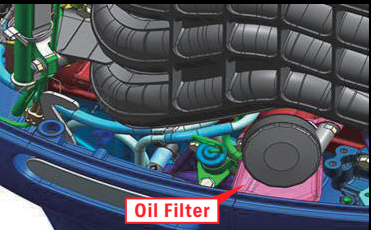


Easy Maintenance

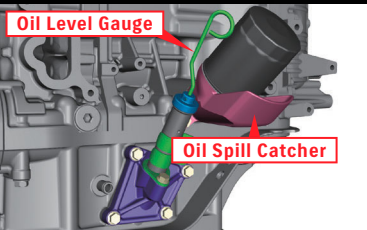
- Designed to be easy maintenance for the benefits of the customers

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 Φ15 oil changer hose



Easy access Oil Filter



Oil Spill Catcher & Oil Level Gauge

Dynamic & Smooth Design



DF140BG

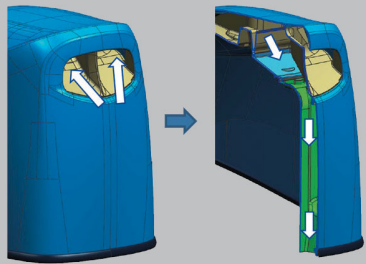
DURABILITY & RELIABILITY

Newly Designed Air Intake System

- The air intake structure was reviewed

Advantage

- Delivers higher power output
- Increased ability to remove water from air taken into cowl
- Decrease in the air intake temperature

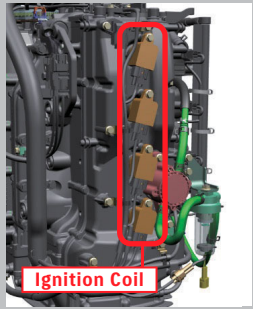


Direct Ignition

- 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



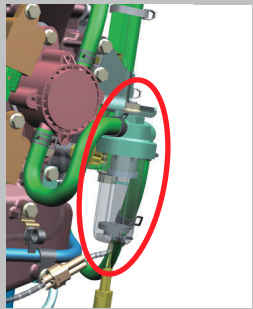
Water Detecting System



- It helps to protect the engine from water in the fuel
- Using bigger fuel filter than DF140A/115A
- Optimized Fuel Filter position

Advantage

- Can avoid water in fuel
- Increased Durability & Reliability
- Easy replacement of fuel filter



Bigger Fuel Filter

More Features to contribute to Durability

- Large capacity Fuel Pump : Capable to rig on various kinds of boats
- Optimaized O₂ Sensor mounting position : Increased Durability
- Using Zinc-containing Rustproof Coating bolt : Increased Durability

EASY & COMFORT

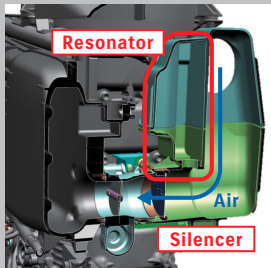
Quiet Operation



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

Advantage

- Less noise, making boating more pleasant.

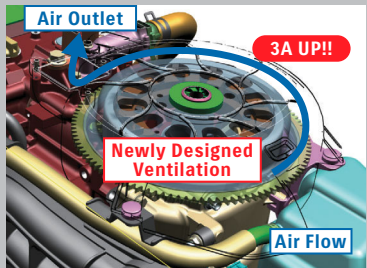


Alternator Output

- 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 of SMD12/SMD16.



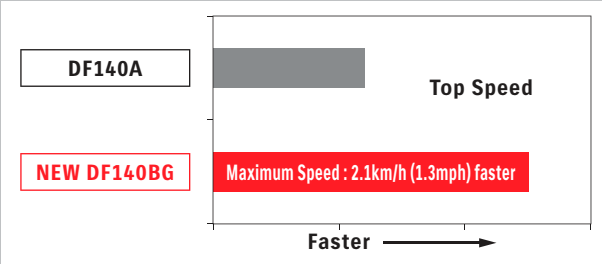
PERFORMANCE

High Compression Ratio

- To achieve the optimized mask, port and piston combination, the shape of parts was simulated over 1,000 combinations and then tested thoroughly with the carefully selected parts.

Advantage

- Achieved 10.6 Compression Ratio which contributes to high torque.



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

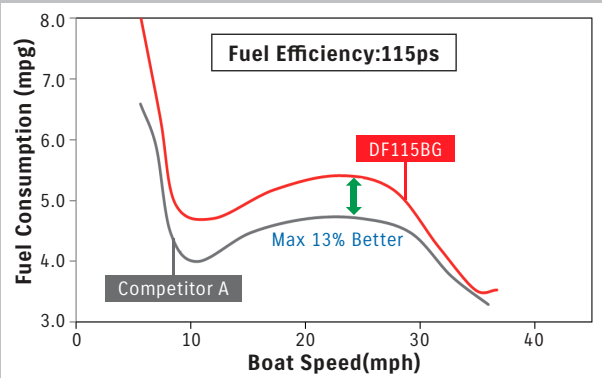
Lean Burn Control System



- 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.



Based on the Suzuki's test data.
*This fuel data may vary depending on the condition.

