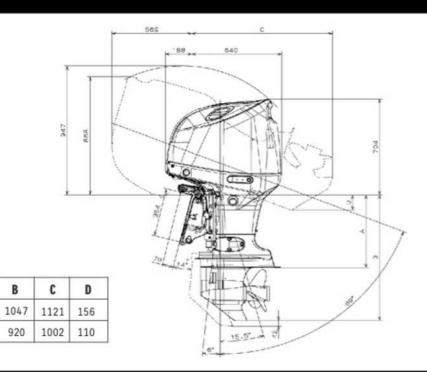
DIMENSIONS

DF140BG DF140B/DF115B

Unit: mm



FEATURE & SPEC SHEET

TRANSOM: X

TRANSOM: Y

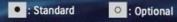
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FEATURES		DF140BG	DF1408 DF115B
BODY COLOR	BLACK	•	•
	WHITE	•	•
NEW SUZUKI PRECISION CONTROL (S.P.C.)		•	
NEW DYNAMIC & SMOOTH DESIGN		•	•
RESONATOR INTEGRATED WITH THE SILENSER		•	•
OFFSET DRIVE SHAFT		•	•
2-STAGE GEAR REDUCTION SYSTEM		•	•
NEW DESIGNED 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 O2 SENSOR MOUNTING POSITION		•	•
LARGE CAPACITY FUEL PUMP		•	•
ZINC-CONTAINING RUSTPROOF COATING BOLT		•	•
AUTOMATIC TRIM		0	
SUZUKI TROLL MODE SYSTEM*1		0	0
TILT LIMIT SYSTEM		•	•
SUZUKI ANTI-CORROSION SYSTEM		•	•
SDSM*2		0	0
KEYLESS START SYSTEM*2		0	0
SUZUKI EASY START SYSTEM		•	•
OVER REV LIMITER		•	•
LOW OIL PRESSURE CAUTION		•	•

SPECIFICATIONS	DF140BG	DF140B DF115B	
STARTING SYSTEM	Electric		
RECOMMENDED TRANSON HEIGHT (mm)	L:508 / X:635		
WEIGHT (kg)	DF140BG: L 188/ X 192	DF140B: L 186/X 190 DF115B: 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 DF115B: 84.6		
COMPRESSION RATIO	10.6		
BORE x STROKE (mm)	86 X 88		
OPERATION RANGE (rpm)	DF140BG&B: 5,700-6,300 DF115B: 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)		

\$ SUZUKI

*3Amp up at idle



^{* 1:} Available with SMD, SMG4, or Troll Switch Panel









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

High Performance & User Friendly 140/115 Model

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

Easy Maintenance

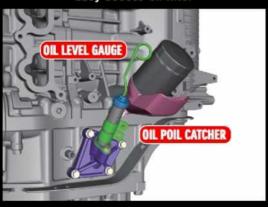
Designed for customers to maintain easily

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 us \$\phi\$15mm oil changer hose



Easy access oil filter



Oil Spill Catcher and Oil Gauge

Dymamic & Smooth Design

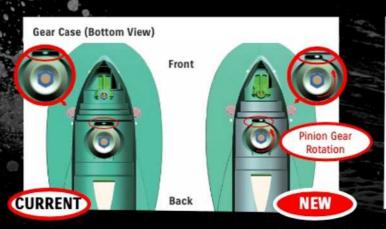
High Durability

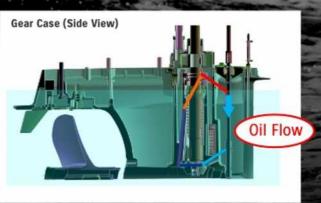
Improved Gear Case

 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 the pinion gear









Special Features For DF140BG

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.

Remote Control Box



Single Top Mount

Duel Top Mount

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.



Switch Panel

Harizantal



Vertica



Separate











DURABILITY & RELIABILITY

New Air Intake System

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

Advantages

- The special structure of aor intake can increase the ability to remove water from the 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

Advantages

- 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



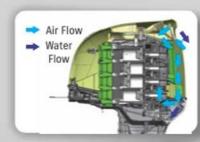
- water in the fuel
- Using bigger fuel filter than DF140A/DF115A
- Optimized Fuel Filter position

Advantages

- 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 O₂ Sensor mounting position: Increased Durability
- Using Zinc-containing Rustproof Coating bolt: Increased Durability







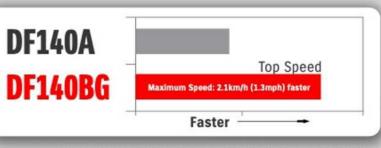
PERFORMANCE

High Compression Ratio

■ To achieve the optimized shape parts, we simulated over 1,00 combinations and tested thoroughly with carefully selected parts.

Advantages

 Achieved 10.6 Compression Ratio which contributes to high torque.



* Data in the graph is based on "In-House 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 closet to the front, moving the outboard's center of gravity forward

Advantages

- 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.

Advantages

- 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.



Advantages

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

EASE & COMFORT

Quiet Operation

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

Advantages

Less noise, making boating more pleasant.

Alternator Output

Newly designed ventilation which cools the colls better

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

