

OUTBOARD MOTORS 2016

INTERNATIONAL





“Celebrating 60 Years of Advancing Technology on the Water”

Over the past 60 years, continuous technological advancements has made Tohatsu Outboards one of the must trusted names on the water. Pride in being the first, and being the best has helped to make Tohatsu a prominent leader in the marine industry.

What started as a single two-stroke outboard in 1956, has now developed into one of the largest outboard manufactures in Japan, providing boaters with a full line of engines from 2.5ps to 250ps. Although Tohatsu outboards are equipped with some of the most cutting-edge technology available, Tohatsu knows that it is simply the outboard's reliability that continues to keep our clients loyal 60 years later.

Equipped with superior technology and a level of dependability that just won't quit, you can feel confident placing your trust in Tohatsu over the next 60 years.



TOHATSU OUTBOARDS 60th 1956-2016 ANNIVERSARY NETWORK

Tohatsu's sole factory, located in the city of Komagane in Nagano Prefecture, boasts the world's largest production capacity for outboard motors. Engines manufactured in Komagane are exported to over 100 countries, via over 90 distributors, across the globe.

Despite recent trends to outsource production to other countries, Tohatsu strives to keep all manufacturing in Japan. By doing so, Tohatsu will continue to deliver reliable outboards and specialty products that live up to the "Made in Japan" standard.



HISTORY AND QUALITY

Tohatsu manufactured its first outboard motor, a two-stroke 1.5ps engine, in 1956. Over the years, Tohatsu began to develop larger horsepower outboards, and new environmentally friendly technology. In 1998, Tohatsu introduced its first four-stroke, which was a 5ps outboard. In 2000, TLDI technology, also known as Two-stroke Low pressure Direct injection, was introduced into the market. Current Tohatsu production includes four-stroke motors, from 2.5ps through 50ps, and TLDI motors from 25ps through 115ps for all markets. Tohatsu also continues to produce conventional two-stroke outboards, from 2.5 through 115ps, for many countries. As pioneers in Japanese outboard motor manufacturing, our high quality, durable, environmentally friendly products are highly acclaimed by customers in every country. Tohatsu is committed to introducing new products and technology into the market, as the times and needs of our customers evolve.



MFS50/40



Lightest weight in its class

MFS50/40 consist of 3 concepts, Lightweight, ECO and Sporty.

They are the lightest weight in their class and offer exceptional fuel performance to save the petrol cost and proven technologies for worry-free boating. They deliver comfortable cruise to all boaters.



Multi-Function Tiller Handle (Option)

It offers smooth control and easy operation having key-switch, big-shift handle, & trim/tilt switch on a big tiller handle.



Variable Idling Control

Idling / Trolling speed can be adjusted in four rpm ranges (650, 750, 850, 950 r/min) by pressing a key-switch.



Water Flushing System

Comes standard with a convenient built-in freshwater flush system that simplifies routine engine flushing.



TOCS (Tohatsu Onboard Communication System)

TOCS supports communication between other standard electric devices onboard by simple plug and play.



Tachometer



Speedometer



Trim Meter



Fuel Meter



Volt Meter



SUPREME

GREATER LOOK, GREATER PERFORMANCES, GREATER USABILITY

FourStroke

MFS40/50 achieved 5,000km expedition

MFS40/50 have achieved a complete 5,000 km operation under extreme conditions without any machine trouble in Lena River (Russia). This expedition also proves that MFS40/50 delivers excellent durability and performance.

MFS30/25

Despite lightweight and compact, MFS30/25 deliver powerful performance. They are equipped with the industry's first technologies, Battery-less Electronic fuel injection, and renewed the upper and lower cowl design, and gear ratio since 2015.



Battery-Less Electronic Fuel Injection

The 30 ps and 25 ps have the industry's first battery-less electronically controlled fuel injection that provides quick throttle response, excellent fuel economy and very smooth rides on the water.



Variable Idling Control

Idling / Trolling speed can be adjusted in three-rpm ranges (850, 950, 1050 r/min) by pressing a key-switch.



Multi-Function Tiller Handle (Option)

It offers smooth control and easy operation having key-switch, big-shift handle, & trim/tilt switch on a big tiller handle.



New Gear Ratio

Now offers wide selection of propellers Gear Ratio (26:12 / 2.17) to be capable of using bigger propellers.



TOCS (Tohatsu Onboard Communication System)

TOCS supports communication between other standard electric devices onboard by simple plug and play.



Tachometer



Speedometer



Trim Meter



Fuel Meter



Volt Meter

POWERFUL PERFORMANCE, EXCEPTIONAL FUEL ECONOMY
ROBUST



Water Flushing System

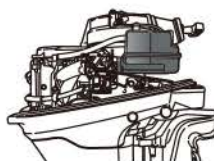
Comes standard with a convenient built-in freshwater flush system that simplifies routine engine flushing.

FourStroke

MFS20/15/9.8/8/6Z



Powerful, yet lightweight, MFS20/15 are a great choice for many boaters. You can expect the same level of performance that our other engines deliver. Cowling designs have been renewed in 2015, and now offers great performance with greater look. Power tilt can help you, which is available from MFS9.8 to upper models.



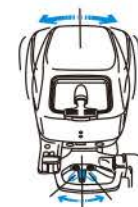
Air-silencer system

Our air-intake system has a large volume air silencer to ensure engine starting and to suppress air-intake noise during engine operation.



Wide anti-cavitation plate with trim tab

The wide anti-cavitation plate effectively restrains the propeller from cavitating. The large trim tab helps to achieve effortless steering at high speeds while also providing corrosion protection.



Simple steering friction lever

The steering friction lever, located at the front of the motor, allows the steering friction to be adjusted for both steady running at high speed and easier maneuvering while trolling. (tiller model only)



HIGHLY EFFICIENT IN BOTH FUEL AND PERFORMANCE
EFFICIENCY



Front shift

The shift lever is located at the front of the motor for easier operation.

FourStroke

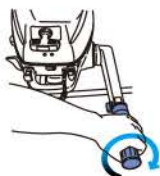
MFS6SP/6/5/4/3.5/2.5

MFS6/5/4/3.5/2.5 are portable models. You can carry them easily to go anywhere you want. They consist of user-friendly functions for easier operation. Throttle grip, propeller hub exhaust, and selectable tank deliver great usability. Thus, these models are not only lightweight but also offers finest usability.



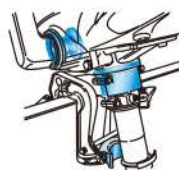
Propeller hub exhaust

Through-the-prop exhaust is used to achieve nice, quiet running conditions.



Throttle grip

The twist type throttle control provides quick steering as well as one-handed operation capability.



Four point dampening system

The specifically designed motor dampening system reduces vibration at all rpm ranges.



Simple steering friction lever

The steering friction lever, located at the front of the motor, allows the steering friction to be adjusted for both steady running at high speed and easier maneuvering while trolling. (tiller model only)



Carrying Handle

Wide and deep carrying handle enables you to carry easily.



FourStroke



Designed specifically for sail boaters. This powerful sailboat engine, available in a "long" and an "ultra-long" shaft, has a high thrust sail drive propeller to give you the power you need. It also includes a 12V, 60W, 5A charging system for charging your battery or powering external electrical devices and its own charging cable. Sailing just got better with Tohatsu's 6hp "SP" sailboat motor!



Built-in 5 amp/12V charging system



Charging cable included



Equipped with the high thrust sail drive propeller

CONVENIENCE



Separate Tank

12L separate fuel tank enables you to cruise long distance and long time. It's standard with 5/6 ps.



Integral tank

With a built-in fuel tank conveniently located on top, 3.5 and 2.5 becomes ready for cruising quickly and without taking up extra space in the boat. An external fuel fitting also comes standard with the 6/5/4 ps models to allow the motor to hook up to a remote fuel tank as well.

MD115/90/75/50/40/30



Air compressor

One of TLDI®'s essential engine components that is the driving force in achieving stabilized fuel injection.

Direct fuel injection into cylinders



Due to the design of the cylinder head chamber and piston dome, the finely atomized fuel mist created by the fuel injector is injected near the spark plug to achieve ideal combustion.



Pistons dedicated to TLDI® outboards

Teflon® coated pistons (Equipped on MD75/90/115) with a concave shape to the head were specifically designed for TLDI® and significantly increase fuel combustion efficiency.



Idle noise reduction system

The exhaust gases and the sound are routed through the labyrinth exhaust. This process reduces the noise level to a minimum when exiting above the waterline through idle port.

* Only for MD75, 90, 115



Engine control unit (ECU)

The 32-bit engine control unit controls the fuel injection and ignition timing for TLDI® outboards.



Three step trolling speed control

The idling speed can be set to any of the three-rpm ranges, 700, 800 or 900, by adjusting it on your key switch. This feature allows you to select the ideal trolling speed for maneuvering during a variety of current and wind conditions.



TLDI

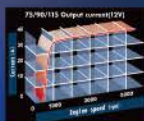
EXCELLENT HORSEPOWER-TO-WEIGHT RATIO

The TLDI® system provides all of the things you need in an outboard. It provides superior performance with exceptional fuel and oil savings. A TLDI® outboard produces fewer emissions and meets all federal and state requirements for outboard emission control.

Acceleration from low to high speed is extremely smooth, making the outboard very responsive. Also, the reduction of air intake, from three to one allows quieter operation. With a TLDI® outboard you get all the punch and power of a two stroke but with the quietness and fuel efficiency of a four stroke, together in one fantastic motor.

BEST BALANCE OF POWER AND WEIGHT

INDULGE YOURSELF INTO THE INSPIRING POWER AND SPEED



High output alternator

Equipped with a high output alternator that produces 37amps of power even at 1,000rpm and a whopping 40amps at wide-open throttle. * Only for MD75, 90, 115



Water Flushing System

Comes standard with a convenient built-in freshwater flush system that simplifies routine engine flushing. * Only for MD75, 90, 115

MX50/40/30/25/18/15



Tohatsu EverRun has been built for performance in the toughest commercial environment. We, at Tohatsu Corporation, carried out in-field test with the prototype in various severe markets and environments. The tests have provided us with a lot of tips for the development of the new challenge. Now, we would like to proudly introduce you Tohatsu "EverRun".

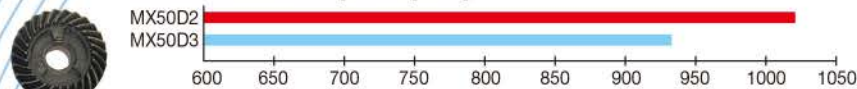
MX40/50D3 Newly released with following improvements!

Gear Ratio

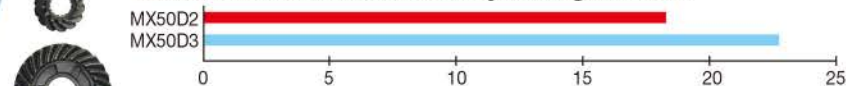
Adopted a newly optimized Gear Ratio (27:13 / 2.08) for improved low end torque and top speed. It gives outstanding performance at heavy loading condition.

* Only for MX40/50D3

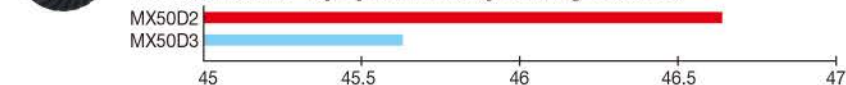
10% Increased Transport Capacity



4.6 sec. Better Acceleration at Heavy Loading Condition



1.06km/h Faster Top Speed at Heavy Loading Condition



Overheat Warning System

Engine speed will automatically decrease to approx. 3,500rpm, when the engine temperature rises too high.

* Only for MX40/50D3



Tilt Handle Air Intake Plate

Adopted a newly designed tilt handle to avoid water ingress through the air intake.

* Only for MX15/18E2, MX40/50D3



Carrying Handle Grip

Handle grip added on carrying handle. It also covers throttle wires for protection.

* Only for MX40/50D3



Propeller Shaft Housing

Adopted 2 pieces of oil seal to increase water sealing performance of gear case. Adopted fishing line cutter to protect propeller shaft oil seals from fishing line.

* Only for MX40/50D3

NEW
MX50/40D3



EverRun

FOR PROFESSIONALS

Its durability and reliability provide a high performance in every fields.



Anti-Cavitation Plate

Increased thickness of the plate against bending or cracking from striking underwater object.

* Only for MX40/50D3



Anti-Splash Plate

Anti-splash plate increases performance of diverting water away from powerhead and mid section.

TWO STROKE

TWO STROKE



M140/115/90/70/70CX PRO/60/50/40/30/25/25JetDrive/
18/15/9.9/9.8/8/6/5/4/3.5B/3.5A/2.5A

PROVEN TECHNOLOGY & RELIABLE PERFORMANCE

Tohatsu modern outboard motor is generally called upon to fill one of the two roles - that of a leisure craft engine or that of a commercial engine used in such industries as fishing or transport. Because of this, it must have the ease of handling, speed, and attractive design to appeal to the leisure boater. For commercial applications, on the other hand, quick starts, dependability, durability, ease of maintenance and energy efficiency are the main concerns.





LIGHT WEIGHT & POWERFUL

Inspiring power and speed

**TWO
STROKE**

Genuine Tohatsu Parts and Accessories

TOCS (Tohatsu Onboard Communication System)



Plug and Play marine Gauges



Tachometer



Speedometer



Trim Meter



Fuel Meter



Volt Meter

Benefits

- 1 Tachometer supports Tohatsu genuine self-diagnostic system and displays the diagnostic result
- 2 LCD data are available in five languages*1 i.e. English, French, Italian, Spanish, & German
- 3 Pop-Up screens for quick information display and warnings
- 4 Alarm codes with suggested actions
- 5 A single Tachometer can monitor up to five fuel tanks
- 6 System compatible with multiple engines*2
- 7 Calibration of Fuel Level, Trim, and Speed included
- 8 Initialization mode to assist in gauge set-up
- 9 Superior Sunlight readable display

*1 Some features not supported

*2 Up to four engines

Sample Images



Nighttime mode



LCD display color
You can choose from 11 different colors

TOCS Starter Kit (3KY-72637-0)



Basic starter kit includes, Engine drop cable, Battery cable, Terminator (Female and Male), Tee Connector and Tachometer, and Operation Manual.
In case other gauges are needed, you can just plug in the additional gauge to display.

Applicable Models

MFS25/30C (*): Applicable for serial no. 067991AD and above
MFS40/50A: Applicable for serial no. 013179AE and above
MD30/40/50B2: Applicable for serial no. 004743AE and above
MD75/90C2: Applicable for serial no. 011819AE and above
MD115A2: Applicable for serial no. 011828AE and above
BFT Model: Applicable for all serial no.

(*): also requires Interface Cable (3KY-76133-0) for connection between ECU and engine drop cable.

Details

PARTS NO.	DESCRIPTION
3KY-72638-0	TACHOMETER KIT (includes Harness and operation manual)
3KY-72672-0	SPEEDOMETER KIT (includes Harness for SPEED)
3KY-72523-0	TRIM METER KIT (includes Harness with 4 pins)
3KY-72600-0	FUEL METER KIT (includes Harness with 4 pins)
3KY-72531-0	VOLT METER KIT (includes Harness with 4 pins)

Gauges & Meters

Premium Stylish Gauges. White or black face dial with polished stainless steel bezel, high visibility red pointer and dome glass lens.



Tachometers

These 190mm(4") 7,000 max Tachometer are available with warning lamp.
For MFS40/50 and TLDI warning lamp includes: Oil Level, Engine Temperature and battery.
For 4-Stroke warning lamp include: Low Oil Pressure.
For 4-Stroke Tachometer can be used on all electric start models by using select 4, 6 or 12 pole switch on rear of meter.
All gauges include lead wire, mounting hardware included.

Part Number	Color	Models
3GF-72647-1	Black	MFS40/50A & TLDI Model
3GL-72647-1	White	MFS40/50A & TLDI Model
3AC-72638-1	Black	4-Stroke & 2-Stroke Auto Mixing Oil Model
3AD-72638-1	White	4-Stroke & 2-Stroke Auto Mixing Oil Model



Speedometers

These Speed Meter with in M.P.H. and Km/h.
Includes vinyl pipe, sender and hardware.

Part Number	Color	Description
3GF-72672-0	Black	60mph 4" Diameter
3GL-72672-0	White	60mph 4" Diameter



Water Pressure Meter

Monitors your cooling water pressure. Includes vinyl pipe and installation hardware.

Part Number	Description
3GF-72598-0	2" Diameter 0-10 PSI Black
3GL-72598-0	2" Diameter 0-10 PSI White



Trim Meter

Magnetic type gauge shown angle for optimum performance and efficiency.
2" diameter. Includes installation hardware. For use 2-wire senders.

Part Number	Description
3GF-72571-0	For 2-wire sender Black
3GL-72571-0	For 2-wire sender White



Hour Meter

Indicates readout LCD the number of hours your outboard motor has been operated to indicate when periodic services are necessary.

Part Number	Description
3GF-72524-0	2" Diameter Black
3GL-72524-0	2" Diameter White



Fuel Gauge

This 2" Fuel Gauge can help you monitor fuel level. Connects easily using your boat's fuel sending unit harness.

Part Number	Description
3GF-72596-0	2" Diameter Black
3GL-72596-0	2" Diameter White



Volt Meter

Monitors your charging system. Includes harness and installation hardware.

Part Number	Description
3GF-72529-0	2" Diameter Black
3GL-72529-0	2" Diameter White

Multi Function Tiller



Part Number	Applicable Models
3GF063000-1	MD40/50B2
3NV063000-0	MFS25/30C
3KY063000-0	MFS40/50A

Propellers

The propeller selection chart can be used to help you in selecting the correct propeller for your Tohatsu outboard. Remember that in any application, discrepancies in performance can result due to the different boat hull designs, the final carrying load and your particular needs.



Model	Propeller Dia		Pitch	Material	Standard Propeller				Part Number
	mm	in			M2.5A2	M3.5A2	M3.5B2	MFS2.5B/3.5B	
M2.5/3.5A2/ 3.5B2 (2-Stroke) & MFS2.5B/3.5B (4-Stroke)	188	7.4	4.5	Plastic	●		●	●	314B64103-0
	188	7.4	6	Plastic	(S,L)	(S,L)	●	●	309-64106-0
	188	7.4	7	Plastic	●		(S,L)	(S,L)	3F0-64101-0
	188	7.4	6	Aluminum	●	●			309B64107-0
M4C & 5B (2-Stroke) & MFS4/5/6C/ 6CSP (4-Stroke)	188	7.4	6	Aluminum	●		●	●	3F0B64512-0
	212	8.3	6	Aluminum	●	●	●	(L)	393B64512-1
	200	7.9	6	Aluminum	●	●	●	(L,L)	3B2B64513-1
	198	7.8	7	Aluminum	●	●	(S,L)	●	3R1B64514-1
M6/8/ 9.8B (2-Stroke) & MFS8/9.8A3 (4-Stroke)	198	7.8	8	Aluminum	(S,L)	(S,L,L)	●	(S,L)	3R1B64516-1
	200	7.9	9	Aluminum	●	●	●	●	369B64518-1
	221	8.7	5	Aluminum	●	●	●	●	3V1B64510-0*
	216	8.5	6.5	Aluminum	●	●	(L)	●	3B2B64513-1
M5/6B (2-Stroke) & MFS5/6A3 (4-Stroke)	226	8.9	7	Aluminum	(L,L)	●	●	●	3B2B64514-1
	216	8.5	7	Aluminum	●	●	●	●	3V1B64514-0*
	216	8.5	7.5	Aluminum	●	(L,L)	●	(S,L,L)	3B2B64515-1
	226	8.9	8.3	Aluminum	(S)	(S)	●	(S)	3B2B64517-1
M6/8/ 9.8B (2-Stroke) & MFS8/9.8A3 (4-Stroke)	226	8.9	10	Aluminum	●	●	●	●	3B2B64519-1

● = Optional * = 4 Blades

Model	Propeller Dia		Pitch	Material	Standard Propeller					Part Number
	mm	in			M9.9/15D2	M18E2	MX15E2	MX18E2	MFS15/200	
M9.9/15D2/ 18E2/ MX15/18E2 (2-Stroke) & MFS15/200 (4-Stroke)	234	9.2	6	Aluminum	●	●	●	●	●	362B64107-1
	234	9.2	7	Aluminum					●	362B64105-1
	254	10.0	7	Aluminum					●	3Z0B64514-3*
	241	9.5	8	Aluminum	(L,L)	(L)	(L)	(L)	●	3B8B64516-1
M25/30H MX25/30H (2-Stroke) & MFS25/30C (4-Stroke)	235	9.3	9	Aluminum	(S)	(S,L)	(S)	(S,L)	(L)	3B8B64518-1
	235	9.3	10	Aluminum	●	●	●	●	(S)	3B8B64521-1
	235	9.3	11.5	Aluminum	●	●	●	●	●	3B8B64524-1
	260	10.2	8	Aluminum	●	●	●	●	●	346B64106-5
M25/30H MX25/30H (2-Stroke) & MFS25/30C (4-Stroke)	247	9.7	9	Aluminum	(L)	(L)	(L)	(L)	●	3R0B64518-0
	247	9.7	10	Aluminum	●	(L)	●	●	●	3R0B64521-0
	249	9.8	11	Aluminum	(L)	●	●	(L)	●	3R0B64523-0
	249	9.8	12	Aluminum	●	(S)	●	●	●	3R0B64525-0
M25/30H MX25/30H (2-Stroke) & MFS25/30C (4-Stroke)	244	9.6	13	Aluminum	(S)	●	●	(S)	●	3R0B64527-0
	252	9.9	14	Aluminum	●	●	●	●	●	349B64529-1

● = Optional * = 4 Blades

Model	Propeller Dia		Pitch	Material	Standard Propeller Size							Part Number
	mm	in			M40/50D3	M40D2	M50D2	MD40B2	MD50B2	MFS40A	MFS50A	
M40/50D2/ MX40/50D3 (2-Stroke) & MD40/ 50B2 (TLDI) & MFS40/50A (4-Stroke)	290	11.4	7	Aluminum	●	●	●	●	●	●	●	348B64110
	311	12.2	9	Aluminum	●	●	●	●	●	●	●	3T5B64518
	290	11.4	11	Aluminum	●	(S,L,L)	●	●	●	●	●	3T5B64523
	283	11.1	12	Aluminum	●	●	(S,L)	(S,L)	●	●	●	3T5B64525
	277	10.9	13	Aluminum	(S,L,L)	●	●	●	(S,L)	(S,L)	●	3T5B64527
	279	11.0	14	Aluminum	●	●	●	●	●	●	(S,L)	3T5B64529
	278	11.0	15	Aluminum	●	●	●	●	●	●	●	3T5B64532
	279	11.0	16	Aluminum	●	●	●	●	●	●	●	3T5B64534
280	11.0	17	Aluminum	●	●	●	●	●	●	●	3T5B64536	
Model	Propeller Dia		Pitch	Material	Standard Propeller Size			Part Number				
	mm	in			M60/70C/70CX90A2	M115/140A2	MD115A2					
M60/70C/70CX90A2/115/140A2 (2-Stroke) & MD115A2 (TLDI) MD75/90C2 (TLDI)	356	14.0	9	Aluminum	●	●	●	●	3HKB64518			
	356	14.0	11	Aluminum	●	●	●	●	3HKB64523			
	349	13.8	13	Aluminum	●	●	●	●	3HKB64527			
	343	13.5	15	Aluminum	(L,L)	●	●	●	3HKB64532			
	337	13.3	17	Aluminum	●	(L,L)	●	●	3HKB64536			
	335	13.2	19	Aluminum	●	●	●	●	3HKB64541			
	335	13.2	21	Aluminum	●	●	●	●	3HKB64545			
	335	13.2	21	Aluminum	●	●	●	●	3HKB64545			

● = Optional * = 4 Blades

Control Boxes

Our Side Mount and Binnacle Mount control boxes are designed to provide remote throttle & shift control for Tohatsu outboards.

Side Mount Remote Control Box

Designed for Tohatsu outboards. Standard features include a fast warm-up lever, Key type ignition switch, an emergency stop switch, choke switch, PTT Switch (as selected models) and 6.3M (21FT) wiring harness.

Part Number	Description	Models
3ACQ84330-0	RC5A	MFS25/30 (4-Stroke) M40-90 (2-Stroke) with PTT MFS15-30 (4-Stroke) M40-90 (2-Stroke) without PTT
3B7Q84340-3	RC5B	MFS8/9.8 (4-stroke) MFS4-30 (4-Stroke)
3B7Q84350-3	RC5C	M8B-30H (2-Stroke) with electric starter MFS4-30 (4-Stroke)
3B7Q84360-1	RC5D	M4C-30H (2-Stroke) without electric starter
3C7Q84370-2	RC5E	M115/120/140A2 (2-Stroke)
3GFQ84500-0	RC5F	MFS40/50A (4-Stroke) MD30/40/50/75/90/115 (TLDI)



Single Top Mount Controls
(Right Hand Lever)

Single Top Mount Controls
(Left Hand Lever)

TOP MOUNT CONTROLS

Part Number	Description
3U1-84490-0	Single Top Mount Controls (Right Hand Lever)
3T1-84490-0	Single Top Mount Controls (Left Hand Lever)
3U1-84540-0	Dual Top Mount Controls

FLASH MOUNT CONTROLS

Part Number	Description
3U1-84600-0	Flush Mount Controls (SL3F)

Note: For detailed information of Tohatsu Parts & Accessories, Please contact your local dealer.

Dual Top Mount Controls

Flush Mount Controls

Rigging Kits



Side Mount type Pre-rig kits

Part Number	Applicable Models
3GLQ84550-1	TLDI Models 2009(XK)~
3KYQ84555-0	MFS40/50A



TOP/Dual Binnacle type Pre-rig kits

Part Number	Applicable Models
3GM-84550-1	TLDI Models 2009(XK)~
3KY-84556-0	MFS40/50A

Genuine Tohatsu Parts and Accessories

Repair Kits and Optional Accessories



Charging Rectifier Kits

For use with alternator coils, these provide D.C. current for recharging a 12 volt battery. Kits include a rectifier, wiring, mounting, bolt, washer and clamp.

Part Number	Models
3GR-76160-0	M4/5B (2-Stroke)
	MFS4/5/6 (4-Stroke)
346-76160-2	M6B through 30H/MX15E2 through 30H (2-Stroke)
3V2-76160-0	MFS8/9.8A3 (4-Stroke)
3BJ-76120-2	MFS15/20C (4-Stroke)
3C8-76160-3	M40/50D2 (2-Stroke)/MX40/50D3
3AC-76160-2	MFS25/30B (4-Stroke)



Alternator Kits

These Alternator Kits are used installing manual start models. Provides A.C. 12V. power. Supplies A.C. current which requires either a regulator for lighting or charging rectifier kits for D.C. battery charging. Kits include a alternator, screws and clamp for mounting under flywheel assembly.

Part Number	Description	Models
3H6-06128-0	12V 60W	M4C/5B (2-Stroke) & MFS4/5/6A2 (4-Stroke)
3GR-06128-0	12V 60W	MFS4/5/6C (4-Stroke)
3B2-06128-1	12V 80W	M6/8/9.8B (2-Stroke)
3V1-06128-0	12V 80W	MFS8/9.8A (4-Stroke)
3V2-06128-0	12V 80W	MFS8/9.8A3 (4-Stroke)
3NT-06128-0	12V 80W	MX15/18E2 (2-Stroke)
3KK-06128-0	12V 80W	MX25/30H (2-Stroke)



Carburetor Repair Kits

Carburetor Repair Kits are include gaskets, float and needle valve.

Part Number	Models
3GT-87122-1	MFS2.5/3.5B (4-Stroke)
3FO-87122-2	M2.5/3.5A2/3.5B2 (2-Stroke)
369-87122-1	M4C/5B (2-Stroke)
3B2-87122-0	M6/8/9.8B (2-Stroke)
3G2-87122-2	M9.9/15D2/18E2/MX18E2 (2-Stroke)
346-87122-0	M25/30H/MX25/30H (2-Stroke)
3C8-87122-4	M40/50D2 (2-Stroke)
3LC-87122-0	M6/8/9.8B (2-Stroke)
3F3-87122-1	M60/70C (2-Stroke)
3B7-87122-1	M90A2 (2-Stroke)
3C7-87122-2	M115/140A2 (2-Stroke)
3H6-87122-0	MFS4/5/6B (4-Stroke)
3V1-87122-0	MFS8/9.8A3 (4-Stroke)
3BJ-87122-0	MFS15/20C (4-Stroke)



Water Pump Repair Kits

Water Pump Repair Kits include all necessary replacement water pump. Also available chrome plated water pump repair kits.

Part Number	Models
3AB-87322-0	MFS2.5/3.5B (4-Stroke)
3FO-87322-1	M3.5B2 (2-Stroke)
369-87322-1	M4C/5B/MFS4/5/6C (2 & 4-Stroke)
3B2-87322-2	M6/8B/MFS8/9.8A3 (2 & 4-Stroke)
362-87322-1	M9.9/15D2/18E2/MX15E2/MX18E2 (2-Stroke)/MFS9.9/15/20C (4-Stroke)
361-87322-0	M25/30H/MX25/30H (2-Stroke)
3R0-87322-0	MFS25/30B (4-Stroke)
3T5-87322-3	M40/50D2 (2-Stroke)
	MD40/50B2 (TLDI)
	MD40/50A (4-Stroke)
3C7-87322-1	M115/140A2 (2-Stroke)
	MD75/90C2/115A2 (TLDI)

Chrome Water Pump Repair Kits

Part Number	Models
369-65231-0	M4C/5B/MFS4/5/6B (2 & 4-Stroke)
3B2-65231-2	M6/8/9.8B/MFS8/9.8A3 (2 & 4-Stroke)
362-65231-1	M9.9/15D2/18E2/MX15E2/MX18E2 (2-Stroke)/MFS9.9/15/20C (4-Stroke)
361-65231-0	M25/30H/MX25/30H/MFS25/30B (2 & 4-Stroke)
3C8-65231-3	M40/50D2/MX40/50D3 (2-Stroke)
3F3-65231-2	M60/70C/70CX (2-Stroke)
3B7-65231-1	M90A2 (2-Stroke)
3C7-65231-1	MD75/90C2/115A2 (TLDI)
	M115/140A2 (2-Stroke)
3Z5-65231-1	MD40/50B2/MFS40/50A (TLDI & 4-Stroke)

Fuel Tanks



Plastic Fuel Tanks

These fuel tank are constructed of High-quality and UL approved.

Part Number	Description
3B2-70167-1	12 Litter (3.1 Gallon)
3C7-70177-1	25 Litter (6.6 Gallon)



Fuel Line Hoses

Long life, fuel resistant hose has quick connect type fitting on tank and engine end. Includes built in primer bulb in this 2.46m (8 ft)

Part Number	Models
3B7-70200-4	M5-90 (2-Stroke) & MD40/50 (TLDI)
3H6-70200-2	MFS4-50 (4-Stroke)
3E0-70200-1	M115-140 (2-Stroke)
3T1-70200-1	MD75/90C2/115A2 (TLDI)

Remote Control Fitting Kit



This R.C. fitting kit is conversion Remote Control steering, throttle and shift from Tiller handle functions.

Part Number	Models
369-83880-2	M4C/5B (2-Stroke)
3B2-83880-3	M6/8/9.8B (2-Stroke)
398-83880-1	M9.9/15D2/18E2 (2-Stroke)/MX
3A1-83880-1	M25/30H (2-Stroke)/MX
3AS-83880-1	MFS4/5/6B (4-Stroke)
3GR-83880-0	MFS4/5/6C (4-Stroke)
3V2-83880-2	MFS8/9.8A3 (4-Stroke)
3BJ-83880-3	MFS15/20C (4-Stroke)
3AC-83880-0	MFS25/30B (4-Stroke)
3KY-83880-0	MFS40/50A (4-Stroke)
3TW-83880-0	MX40/50D3

Anodes

Easy to replace Zinc Anodes protect the motor from galvanic corrosion in saltwater environment.



338-60218-2

3B7-60218-1

3H6-60218-0



3V9-60218-0

369-60218-1



3C7-60218-2

Part Number	Models
338-60218-2	M2.5/3.5A2/3.5B2/8*/9.8B* (2-Stroke) MFS2.5/3.5B/40/50A (4-Stroke) M9.9 - 18/M40D2 - 70C/70CX (2-Stroke) MD40/50B2 (TLDI)
3B7-60218-1	MX18E2/40/50D2 (2-Stroke) M40/50D2 for Manual Tilt MD75/90C2/115A2 (TLDI) M70 - 140 (2-Stroke) MFS40/50A (4-Stroke)
3H6-60218-0	M4 - 6 (2&4-Stroke), MFS40/50A (4-Stroke)
3V9-60218-0	M9.9 - 18 (2-Stroke)
3P0-60218-0	M25/30H/MX25/30H (2-Stroke) MFS40/50A (4-Stroke)
369-60218-1	MFS8/9.8A3/15/20C/25/30B (4-Stroke)
3C7-60218-2	M40D2 through M140A2 for PTT
3KY-60218-0	MFS40/50A (4-Stroke)
3LD-60217-0	MX15/18E2

* ~#032877XC

Trim Tabs

These Trim Tabs are Sacrificial anode metal protects the engine from corrosion and reduce propeller torque for easier steering.



3B7-60217-1

3V1-60217-0

348-60217-0

3C8-60217-1

These Trim Tabs are Sacrificial anode metal protects the engine from corrosion and reduce propeller torque for easier steering.

Part Number	Models
3C8-60217-1	M25/30H/40/50D2 (2-Stroke) MFS25/30B (4-Stroke) MD40/50B2 (TLDI)
3V1-60217-0	MX25/30H (2-Stroke) M8*/9.8B* (2-Stroke) M9.9-18E2 (2-Stroke) MFS15/20C (4-Stroke)
3B7-60217-1	M60C through M140A2 (2-Stroke) MD75/90C2/115A2 (TLDI)

* ~#036520XC

Miscellaneous



3GR-72406-0

3B7-60007-0

Engine Flush Attachments

Allows for fresh water hook up to the engine for running at idle or for flushing of cooling passages. Also allows out of water operation for test run and engine adjustment.

Part Number	Applicable Models
336-60007-0	4-30ps (2 & 4-Stroke)
3B7-60007-0	40-140ps (2-Stroke & TLDI)
3GR-72406-0	MFS4/5/6 (4-Stroke)

Safety Lanyard Cords are designed to shut off your outboard in the event the operator falls overboard (lanyard must be properly connected to both the outboard and the operator). Without this important safety feature your outboard would continue to run, without you at the controls. This item is necessary to start your outboard.

Part Number	Applicable Models
353-06821-0	All Models

Spark Plugs

Part Number	Description	Models
9701-1-1013	NGK 6PR6HS-10	M2.5 - M3.5B2 (2-Stroke)
9701-1-1014	NGK 6PR7HS-10	M4C - M9.8B (2-Stroke)
9701-1-1015	NGK BR7HS-10	M9.902/MX25/30H (2-Stroke)
9701-1-1010	NGK BP7HS-10	MX18E2 (2-Stroke)
9701-1-1016	NGK BR8HS-10	M40D2 - M140A2 (2-Stroke)
9701-1-1009	NGK BR8HS-10	MX50 - M70CX (2-Stroke)
9701-1-1103	NGK DCPR6E	MFS2.5 - MFS25/30
9701-1-1109	NGK IZFR5J	MD115A2 (TLDI)
9701-1-1111	NGK IZR6G8	MD30/40/50B2/75/90C2 (TLDI)
9701-1-1121	NGK IKR6G8	MFS40/50A

Replacement Filters

Tohatsu offers a variety of replacement fuel, air and oil filters to keep your outboard running at peak performance.



Oil Filter

Part Number	Models
3BJ-07615-0	MFS15-50 (4-stroke)



3AD-02230-0

3T5-10130-0

Filters

Part Number	Description	Applicable Models
3T5-10130-0	Air Filter for Compressor	MD40/50B/70/90B/115A (TLDI)
3GF-10130-0	Air Filter for Compressor	MD40/50B2/75/90C2/115A2 (TLDI)
369-02230-0	Fuel Filter	4 - 9.8hp (2 & 4-Stroke) MFS15/20C (4-Stroke) M9.902 - 30H, M40D2 - M90A2 (2-Stroke) MFS25/30B (4-Stroke)
3AD-02230-0	Fuel Filter	MX18/25/30/40/50 (EverRun) M115/140A2 (2-Stroke) MD40/50B2/70/90C2 (TLDI) MFS40/50A (4-Stroke) MD115A2 (TLDI)
3C7-02230-0	Fuel Filter	
3T5-02230-0	Fuel Filter	
3T1-02230-0	Fuel Filter	



3Y9-02230-0

Water/Fuel Separator Filter

Easily connected between your fuel tank and engine, the 10 micron filter traps over 98% of the water that may be present in the fuel tank before it reaches your engine.

Part Number	Description
3Y9-02230-0	Water/Fuel Separator Kit
3Y9-02234-0	Replacement 10 micron filter
	Water/Fuel Separator Kit (UF-10K)
	Replacement Kit

Specifications

Four Stroke

Model	MFS50	MFS40	MFS30	MFS25	MFS20	MFS15	MFS9.8	MFS8	MFS6Z	MFS6 SP	MFS6	
No. of Cylinder	3				2				1			
Output	50 ps (36.8 kw)	40 ps (29.4 kw)	30 ps (22.1 kw)	25 ps (18.4 kw)	20 ps (14.7 kw)	15 ps (11 kw)	9.8 ps (7.2 kw)	8 ps (5.9 kw)	6 ps (4.4 kw)	6 ps (4.4 kw)		
Displacement	866 cm3 (52.9 cu.in)		526 cm3 (32.09 cu.in)		351 cm3 (21.41 cu.in)		209 cm3 (12.8 cu.in)		123 cm3 (7.5 cu.in)			
Bore x Stroke	70 x 75 mm (2.4 x 2.36 in)		61 x 60 mm (2.4 x 2.36 in)		61 x 60 mm (2.4 x 2.36 in)		55 x 44 mm (2.17 x 1.73 in)		59 x 45 mm (2.32 x 1.77 in)			
Max. RPM Range	5,000 - 6,000 r/min		5,250 - 6,250 r/min	5,000 - 6,000 r/min	5,400 - 6,100 r/min	5,000 - 6,000 r/min						
Starting	Electric		Electric & Manual or Manual				Electric & Manual or Manual			Manual		
Control Type	Remote Control or Tiller Handle				Remote Control or Tiller Handle					Tiller Handle or Opt. Remote Control		
Gear Shift	Forward - Neutral - Reverse											
Gear Ratio	2.08:1		2.17:1		2.15:1		2.08:1		2.15:1			
Propeller Selection Range	7" - 17"		8" - 14"		6" - 11.5"		5" - 10"		6"	6" - 9"		
Transom Height	15", 20"		15", 20"		15", 20"		15", 20", 25"	15",20"		20", 25"	15", 20"	
Fuel	Unleaded Gasoline (87 Octane)				Unleaded Gasoline (87 Octane)							
Recommended Oil	Tohatsu 4stroke Outboard Motor Oil				Tohatsu 4 stroke Outboard Motor Oil							
Fuel Tank	25 Lit (6.6 US Gal.) Separate Tank				12 Lit (3.2 US Gal.) Separate Tank					12 Lit (3.2 US Gal.) Separate Tank	12 Lit (3.2 US Gal.) Separate Tank and/or 1.15 Lit (0.3 US Gal.) Integral Tank	
Weight*	95 kg (209 lbs)		71.5 kg (158 lbs)		52 kg (114.6 lbs)		37 kg (81.5 lbs)		26.6 kg (59 lbs)	25.6 kg (57 lbs)		
Alternator Output	12V, 252W, 21A		12V, 180W, 15A		12V, 145W, 12A		12V, 80W, 6A**		12V, 60W, 5A	Opt. 12V, 60W, 5A		
Compatible with TOCS	S	S	S	S	-	-	-	-	-	-	-	

*Weight Specification is based on the lightest version.

** Alternator on Certain Models

LEGEND S ••••• Standard

Specifications are subject to change without notice.

Four Stroke

Model	MFS5	MFS4	MFS3.5	MFS2.5
No. of Cylinder	1			
Output	5 ps (3.7 kw)	4 ps (2.9 kw)	3.5 ps (2.6 kw)	2.5 ps (1.8 kw)
Displacement	123 cm3 (7.5 cu.in)		86 cm3 (5.2 cu.in)	
Bore x Stroke	59 x 45 mm (2.32 x 1.77 in)		55 x 36 mm (2.17 x 1.42 in)	
Max. RPM Range	4,500 - 5,500 r/min		5,000 - 6,000 r/min	4,500 - 5,500 r/min
Starting	Manual			
Control Type	Tiller Handle or Opt. Remote Control		Tiller Handle	
Gear Shift	Forward - Neutral - Reverse		Forward - Neutral	
Gear Ratio	2.15:1			
Propeller Selection Range	6" - 9"		4.5" - 7"	
Transom Height	15", 20"			
Fuel	Unleaded Gasoline (87 Octane)			
Recommended Oil	Tohatsu 4 stroke Outboard Motor Oil			
Fuel Tank	12 Lit (3.2 US Gal.) Separate Tank and/or 1.15 Lit (0.3 US Gal.) Integral Tank		1 Lit (0.26 US Gal.) Integral Tank	
Weight*	25.6 kg (57 lbs)	26.1 kg (58 lbs)	18.4 kg (41 lbs)	
Alternator Output	Opt. 12V, 60W, 5A		N/A	
Compatible with TOCS	-	-	-	-

*Weight Specification is based on the lightest version.

** Alternator on Certain Models

LEGEND S ••••• Standard

Specifications are subject to change without notice.

TLDI

Model	MD115	MD90	MD75	MD50	MD40	MD30
No. of Cylinder	4	3				
Output	115ps (84.6 kw)	90 ps (66.2 kw)	75 ps (56 kw)	50 ps (36.8 kw)	40 ps (29.4 kw)	30 ps (22.1 kw)
Displacement	1768 cm3 (107.9 cu.in)	1267 cm3 (77.3 cu.in)		697 cm3 (42.5 cu.in)		
Bore x Stroke	88 x 72.7 mm (3.46 x 2.86 in)	86 x 72.7 mm (3.39 x 2.86 in)		68 x 64 mm (2.68 x 2.52 in)		
Max. RPM Range	5,150 - 5,850 r/min					4,750 - 5,750 r/min
Starting	Electric					
Control Type	Remote Control			Remote Control or Tiller Handle		
Gear Shift	Forward - Neutral - Reverse					
Gear Ratio	2.0:1	2.3:1		1.85:1		
Propeller Selection Range	9" - 21"	11" - 21"		7" - 15"		
Transom Height	20", 25"			15", 20"		20"
Fuel	Unleaded Gasoline (87 Octane)					
Recommended Oil	Tohatsu Premium Outboard Motor Oil					
Fuel Tank	Optional			25 Lit (6.6 US Gal.) Separate Tank		
Weight*	178 kg (392 lbs)	150 kg (331 lbs)		93.5 kg (205.7 lbs)		94.5 kg (208 lbs)
Alternator Output	12V, 490W, 40A			12V, 280W, 23A		
Compatible with TOCS	S	S	S	S	S	S

*Weight Specification is based on the lightest version.

** Alternator on Certain Models

LEGEND S ••••• Standard

Specifications are subject to change without notice.

EverRun							Two Stroke																	
Model	MX50		MX40		MX30		MX25		MX18		MX15		Model	M140	M115		M90	M70CX	M70	M60				
No. of Cylinder	3			2			2			2			No. of Cylinder	4			3							
Output	50 ps (36.8 kw)		40 ps (29.4 kw)		30 ps (22.1 kw)		25 ps (18.4 kw)		18 ps (13.2 kw)		15 ps (11 kw)		Output	140 ps (103 kw)		115 ps (84.6 kw)		90 ps (66.2 kw)		70 ps (51.5 kw)		60 ps (44.1 kw)		
Displacement	697 cm³ (42.5 cu.in)			429 cm³ (26.2 cu.in)			294 cm³ (17.9 cu.in)			294 cm³ (17.9 cu.in)			Displacement	1768 cm³ (107.9 cu.in)			1267 cm³ (77.3 cu.in)		938 cm³ (57.2 cu.in)					
Bore x Stroke	68 x 64 mm (2.68 x 2.52 in)			68 x 59 mm (2.68 x 2.32 in)			60 x 52 mm (2.36 x 2.05 in)			60 x 52 mm (2.36 x 2.05 in)			Bore x Stroke	88 x 72.7 mm (3.46 x 2.86 in)			86 x 72.7 mm (3.39 x 2.86 in)		74 x 72.7 mm (2.91 x 2.86 in)					
Max. RPM Range	5,150 - 5,850 r/min						5,200 - 5,800 r/min		4,500 - 5,500 r/min		4,500 - 5,500 r/min		Max. RPM Range	5,200 - 5,700 r/min			5,000 - 5,500 r/min		5,150 - 5,850 r/min					
Starting	Tiller Handle						Tiller Handle		Tiller Handle		Tiller Handle		Starting	Electric						Electric		Electric		
Control Type	Electric & Manual or Manual			Manual			Manual		Manual		Manual		Control Type	Remote Control						Remote Control		Remote Control		
Gear Shift	Forward - Neutral - Reverse													Gear Shift	Forward - Neutral - Reverse						Forward - Neutral - Reverse		Forward - Neutral - Reverse	
Gear Ratio	2.08 : 1			1.92 : 1		1.85 : 1		1.85 : 1		1.85 : 1		1.85 : 1		Gear Ratio	2.0:1			2.33:1		2.33:1		2.33:1		
Propeller Selection Range	7" - 15"			8" - 14"		6" - 11.5"		6" - 11.5"		6" - 11.5"		6" - 11.5"		Propeller Selection Range	9" - 21"						9" - 21"		9" - 21"	
Transom Height	15", 20", 22.5", 25"			15", 20", 25"		15", 20", 25"		15", 20"		15", 20"		15", 20"		Transom Height	20", 25"						20"		20"	
Fuel	Pre-Mix (50 : 1)						Pre-Mix (50 : 1)		Pre-Mix (50 : 1)		Pre-Mix (50 : 1)		Fuel	Automixing (Variable 120:1 - 50:1)						Automixing (Variable 120:1 - 50:1)		Automixing (Variable 120:1 - 50:1)		
Recommended Oil	Tohatsu Super Gold						Tohatsu Super Gold		Tohatsu Super Gold		Tohatsu Super Gold		Recommended Oil	Tohatsu Super Gold						Tohatsu Super Gold		Tohatsu Super Gold		
Fuel Tank	25 Lit Separate Fuel Tank						25 Lit Separate Fuel Tank		25 Lit Separate Fuel Tank		25 Lit Separate Fuel Tank		Fuel Tank	25 Lit Separate Fuel Tank						25 Lit Separate Fuel Tank		25 Lit Separate Fuel Tank		
Weight*	72 kg (159 lbs)			51 kg (112 lbs)		41 kg (90 lbs)		41 kg (90 lbs)		41 kg (90 lbs)		41 kg (90 lbs)		Weight*	164 kg (362 lbs)			135 kg (298 lbs)		105.5 kg (233 lbs)		103 kg (227 lbs)		115 kg (254 lbs)
Alternator Output	12V, 130W 11A			OPTIONAL 12V, 80W 7A		OPTIONAL 12V, 80W 7A		OPTIONAL 12V, 80W 7A		OPTIONAL 12V, 80W 7A		OPTIONAL 12V, 80W 7A		Alternator Output	12V, 330W, 27.5A			12V, 330W, 27.5A		12V, 130W, 11A		12V, 130W, 11A		
Compatible with TOCS	-	-	-	-	-	-	-	-	-	-	-	-	Compatible with TOCS											

*Weight Specification is based on the lightest version.

** Alternator on Certain Models

LEGEND S ***** Standard

Specifications are subject to change without notice.

Two Stroke																																								
Model	M50	M40	M30	M25	M25 Jet Drive	M18	M15	M9.9	M9.8	M8	M6	M5	M4	M3.5B	M3.5A	M2.5																								
No. of Cylinder	3					2							1																											
Output	50 ps (36.8 kw)		40 ps (29.4 kw)		30 ps (22.1 kw)		25 ps (18.4 kw)		18 ps (13.2 kw)		15 ps (11 kw)		9.9 ps (7.3 kw)		9.8 ps (7.2 kw)		8 ps (5.9 kw)		6 ps (4.4 kw)		5 ps (3.7 kw)		4 ps (2.9 kw)		3.5 ps (2.6 kw)		2.5 ps (1.8 kw)													
Displacement	697 cm3 (42.5 cu.in)					429 cm3 (26.3 cu.in)					294 cm3 (17.9 cu.in)					247 cm3 (15.1 cu.in)					169 cm3 (10.3 cu.in)					102 cm3 (6.2 cu.in)					74.6 cm3 (4.6 cu.in)									
Bore x Stroke	68 x 64 mm (2.68 x 2.52 in)					68 x 59 mm (2.68 x 2.32 in)					60 x 52 mm (2.36 x 2.05 in)					55 x 52 mm (2.17 x 2.05 in)					50 x 43 mm (1.97 x 1.69 in)					55 x 43 mm (2.17 x 1.69 in)					47 x 43 mm (1.85 x 1.69 in)									
Max. RPM Range	5,150 - 5,850 r/min					5,000 - 5,700 r/min		5,150 - 5,850 r/min		5,000 - 6,000 r/min		5,200 - 5,600 r/min		5,200 - 5,800 r/min					4,500 - 5,300 r/min		5,000 - 6,000 r/min					4,500 - 5,500 r/min					4,200 - 5,300 r/min					3,800 - 5,200 r/min				
Starting	Electric & Manual					Electric & Manual or Manual					Manual					Electric & Manual or Manual					Manual																			
Control Type	Remote Control or Tiller Handle										Tiller Handle					Remote Control or Tiller Handle		Tiller Handle																						
Gear Shift	Forward - Neutral - Reverse															Forward - Neutral		Forward Only																						
Gear Ratio	1.85:1					1.92 : 1					1 : 1					1.85 : 1					2.08 : 1					2.15 : 1					1.85 : 1					2.15 : 1				
Propeller Selection Range	7" - 15"					8" - 14"					-					6" - 11.5"					6.5" - 9.5"					6" - 9"					4.5" - 7"					4.5" - 6"				
Transom Height	15", 20"		15", 20", 22"			15", 20"					20"					15", 20"																								
Fuel	Automixing or Pre-Mix (50 : 1)					Pre-Mix (50 : 1)																																		
Recommended Oil	Tohatsu Super Gold																																							
Fuel Tank	25 Lit Separate Fuel Tank										12 Lit Separate Tank					5hp: 2.5 Lit Integral Tank and 12 Lit Separate Tank 4hp: 2.5 Lit Integral Tank					1.4 Lit Integral Tank																			
Weight*	72 kg (159 lbs)					51 kg (112 lbs)					59 kg (130 lbs)					41 kg (90 lbs)					26 kg (57 lbs)					20 kg (44 lbs)					13 kg (29 lbs)					12.5 kg (28 lbs)				
Alternator Output	12V, 130W, 11A					12V, 80W 7A												12V, 80W 7A**					OPTIONAL 12V, 60W 5A					N/A												
Compatible with TOCS	-					-					-					-					-					-					-					-				

*Weight Specification is based on the lightest version.

** Alternator on Certain Models

LEGEND S ***** Standard

Specifications are subject to change without notice.



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