

Product Information Guide

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A large graphic featuring a world map with a dark blue background. A large, detailed image of a black Tohatsu 115 HP outboard motor is positioned in the foreground, partially overlapping the map. The motor has 'TOHATSU' and 'DIRECT INJECTION' written on it, along with the number '115' and a small circular logo. White lines radiate from Japan, which is highlighted in red on the map, across the Pacific Ocean to North America. Text labels on the map include 'Arctic Ocean', 'North Pacific Ocean', 'North Atlantic Ocean', 'JAPAN', 'ASIA', and 'NORTH AMERICA'. The word 'TOHATSU' is also written in large white letters across the map.

2009

TOHATSU OUTBOARDS
PRODUCT INFORMATION GUIDE

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PRINTED IN JAPAN

TABLE OF CONTENTS

MODEL CODE CHART	4
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TOHATSU OUTBOARDS SPEC AND STANDARD EQUIPMENT LIST FOR 2009 MODELS	6
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2009 MODEL OUTBOARD MOTOR CRATE CONTENTS LIST	12
--	----

2009 TOHATSU PRE-RIG PROGRAM	18
---	----

FEATURES & BENEFITS	20
--------------------------------------	----

LINE-UP

TLDI

MD 115A	28
MD 90B	32
MD 70B	36
MD 50B	40
MD 40B	44

FOUR STROKE

MFS 30B	50
MFS 25B	54
MFS 20C	58
MFS 15C	62
MFS 9.8A3	66
MFS 8A3	70
MFS 6BS Sail Pro	74
MFS 6BD/S	78
MFS 5BD/S	82
MFS 4BD	86
MFS 3.5A	90
MFS 2.5A	94

TWO STROKE

M 140A2	100
M 120A2	104
M 115A2	108
M 90A	112
M 70C	116
M 60C	120
MW 50D2	124
M 50D2	128
M 40D2	132
M 40C	136
M 30A4	140
M 25C3 Jet Drive	144
M 25C3	148
M 18E2	152
M 15D2	156
M 9.9D2	160
M 9.8B	164
M 8B	168
M 6B	172
M 5BD	176
M 4C	180
M 3.5B2	184
M 3.5A2	188
M 2.5A2	192

ACCESSORIES

Engine Oil & Care Products	198
Control Boxes	200
Gauges	203
Propellers	206
Pre-Rigging Kits	209
Fuel Tanks	210
Repair Kits and Optional Accessories	213
Anodes	218
Trim Tabs	219
Replacement Filters	220
Miscellaneous	222

TOHATSU OUTBOARDS LINE-UP

MODEL CODE CHART

MD Model Description	115 Horsepower	A Product Generation	2 Minor Change	E Starter
M = Two Stroke Model	3.5	A and up	2	E = Electric Start
MD = Direct Injection Model	9.9		3	Blank or M = Manual Start
MFS = Four Stroke Model	40		4	
MW = High Thrust Model	90		5	

SERIAL NUMBER DECAL

CE TOHATSU CORPORATION
Tokyo, Made in JAPAN

→2008 MFS 30B 3AC ←

SERIAL NO. 000315XH ←

RATED POWER 22.1kW

FULL THROTTLE RANGE
5250-6250r/min

MASS 71.5 - 86 kg

— Production Year: 2008 (As applicable)

Model Prefix: 3AC —

Serial Number: 000315XH —

— Certified Europe Insignia (As applicable)

Manufacturing Year Chart

000315XC 2003
 000315XD 2004
 000315XE 2005
 000315XF 2006
 000315XG 2007
 000315XH 2008
 000315XI 2009

	P Steering System	T Trim & Tilt System	O Lubrication System	L Shaft Length
	P = Remote Control F = Tiller Handle	T = Power Trim & Tilt G = Gas Assist Blank = Manual Tilt	O = Oil Injection	S = Short 15" L = Long 20" LL = Long 22.5" UL = Ultra Long 25"

TOHATSU OUTBOARDS SPEC AND STANDARD EQUIPMENT LIST FOR 2009 MODELS

Model	Type	Engine			Clutch	Electric Starter	Remote Control	Tiller Handle	Gas Assist Tilt	PIT or PT	Oil Auto Mixing	Transom	Propeller	Remote Control Box	Gauges		Fuel Tank	Fuel Line Hose	Dual Tank Connector
		Type	Nos of Cyl.	Displacement Cu in (cc)											Tach	Trim			

Two Stroke

M2.5A2	S	2st	1	74.6 (4.55)	-	-	-	●	-	-	15	●	-	-	-	1.4L In-Tank	-	-
	L	2st	1	74.6 (4.55)	-	-	-	●	-	-	20	●	-	-	-	1.4L In-Tank	-	-
M3.5A2	S	2st	1	74.6 (4.55)	-	-	-	●	-	-	15	●	-	-	-	1.4L In-Tank	-	-
	L	2st	1	74.6 (4.55)	-	-	-	●	-	-	20	●	-	-	-	1.4L In-Tank	-	-
M3.5B2	S	2st	1	74.6 (4.55)	F-N	-	-	●	-	-	15	●	-	-	-	1.4L In-Tank	-	-
	L	2st	1	74.6 (4.55)	F-N	-	-	●	-	-	20	●	-	-	-	1.4L In-Tank	-	-
M4C	S	2st	1	102 (6.22)	F-N-R	-	-	●	-	-	15	●	-	-	-	2.5L In-Tank	-	-
	L	2st	1	102 (6.22)	F-N-R	-	-	●	-	-	20	●	-	-	-	2.5L In-Tank	-	-
M5BD	S	2st	1	102 (6.22)	F-N-R	-	-	●	-	-	15	●	-	-	-	2.5L In-Tank & Plastic 12L	●	●
	L	2st	1	102 (6.22)	F-N-R	-	-	●	-	-	20	●	-	-	-		●	●
	UL	2st	1	102 (6.22)	F-N-R	-	-	●	-	-	25	●	-	-	-		●	●
M6B	S	2st	2	169 (10.31)	F-N-R	-	-	●	-	-	15	●	-	Op	-	Plastic 12L	●	-
	L	2st	2	169 (10.31)	F-N-R	-	-	●	-	-	20	●	-	Op	-	Plastic 12L	●	-
M8B	S	2st	2	169 (10.31)	F-N-R	-	-	●	-	-	15	●	-	Op	-	Plastic 12L	●	-
	L	2st	2	169 (10.31)	F-N-R	-	-	●	-	-	20	●	-	Op	-	Plastic 12L	●	-
	UL	2st	2	169 (10.31)	F-N-R	-	-	●	-	-	25	●	-	Op	-	Plastic 12L	●	-
	EPS	2st	2	169 (10.31)	F-N-R	●	●	-	-	-	15	●	●	Op	-	Plastic 12L	●	-
	EPL	2st	2	169 (10.31)	F-N-R	●	●	-	-	-	20	●	●	Op	-	Plastic 12L	●	-
M9.8B	S	2st	2	169 (10.31)	F-N-R	-	-	●	-	-	15	●	-	Op	-	Plastic 12L	●	-
	L	2st	2	169 (10.31)	F-N-R	-	-	●	-	-	20	●	-	Op	-	Plastic 12L	●	-
	UL	2st	2	169 (10.31)	F-N-R	-	-	●	-	-	25	●	-	Op	-	Plastic 12L	●	-
	EFS	2st	2	169 (10.31)	F-N-R	●	-	●	-	-	15	●	-	Op	-	Plastic 12L	●	-
	EFL	2st	2	169 (10.31)	F-N-R	●	●	-	-	-	20	●	-	Op	-	Plastic 12L	●	-
	EPS	2st	2	169 (10.31)	F-N-R	●	●	-	-	-	15	●	●	Op	-	Plastic 12L	●	-
	EPL	2st	2	169 (10.31)	F-N-R	●	●	-	-	-	20	●	●	Op	-	Plastic 12L	●	-
M9.9D2	S	2st	2	247 (15.07)	F-N-R	-	-	●	-	-	15	●	-	Op	-	Plastic 25L	●	-
	L	2st	2	247 (15.07)	F-N-R	-	-	●	-	-	20	●	-	Op	-	Plastic 25L	●	-
	UL	2st	2	247 (15.07)	F-N-R	-	-	●	-	-	25	●	-	Op	-	Plastic 25L	●	-
	EPS	2st	2	247 (15.07)	F-N-R	●	●	-	-	-	15	●	●	Op	-	Plastic 25L	●	-
	EPL	2st	2	247 (15.07)	F-N-R	●	●	-	-	-	20	●	●	Op	-	Plastic 25L	●	-
M15D2	S	2st	2	247 (15.07)	F-N-R	-	-	●	-	-	15	●	-	Op	-	Plastic 25L	●	-
	L	2st	2	247 (15.07)	F-N-R	-	-	●	-	-	20	●	-	Op	-	Plastic 25L	●	-
	UL	2st	2	247 (15.07)	F-N-R	-	-	●	-	-	25	●	-	Op	-	Plastic 25L	●	-
	EPS	2st	2	247 (15.07)	F-N-R	●	●	-	-	-	15	●	●	Op	-	Plastic 25L	●	-
	EPL	2st	2	247 (15.07)	F-N-R	●	●	-	-	-	20	●	●	Op	-	Plastic 25L	●	-

Model	Type	Engine		Clutch	Electric Starter	Remote Control	Tiller Handle	Gas Assist Tilt	PTT or PT	Oil Auto Mixing	Transom	Propeller	Remote Control Box	Gauges		Fuel Tank	Fuel Line Hose	Dual Tank Connector
		Type	Nos of Cyl.											Displacement Cu in (cc)	Tach			
M18E2	S	2st	2	294 (17.94)	F-N-R	-	-	●	-	-	15	●	-	Op	-	Plastic 25L	●	-
	L	2st	2	294 (17.94)	F-N-R	-	-	●	-	-	20	●	-	Op	-	Plastic 25L	●	-
	UL	2st	2	294 (17.94)	F-N-R	-	-	●	-	-	25	●	-	Op	-	Plastic 25L	●	-
	EFS	2st	2	294 (17.94)	F-N-R	●	-	●	-	-	15	●	-	Op	-	Plastic 25L	●	-
	EFL	2st	2	294 (17.94)	F-N-R	●	-	●	-	-	20	●	-	Op	-	Plastic 25L	●	-
	EPS	2st	2	294 (17.94)	F-N-R	●	●	-	-	-	15	●	●	Op	-	Plastic 25L	●	-
	EPL	2st	2	294 (17.94)	F-N-R	●	●	-	-	-	20	●	●	Op	-	Plastic 25L	●	-
M25C3	S	2st	2	429 (26.16)	F-N-R	-	-	●	-	-	15	●	-	Op	-	Plastic 25L	●	-
	L	2st	2	429 (26.16)	F-N-R	-	-	●	-	-	20	●	-	Op	-	Plastic 25L	●	-
	UL	2st	2	429 (26.16)	F-N-R	-	-	●	-	-	25	●	-	Op	-	Plastic 25L	●	-
	EFS	2st	2	429 (26.16)	F-N-R	●	-	●	-	-	15	●	-	Op	-	Plastic 25L	●	-
	EFL	2st	2	429 (26.16)	F-N-R	●	-	●	-	-	20	●	-	Op	-	Plastic 25L	●	-
	EPS	2st	2	429 (26.16)	F-N-R	●	●	-	-	-	15	●	●	Op	-	Plastic 25L	●	-
	EPL	2st	2	429 (26.16)	F-N-R	●	●	-	-	-	20	●	●	Op	-	Plastic 25L	●	-
M25C3	JET	2st	2	429 (26.16)	F-N-R	-	-	●	-	-	20	-	-	Op	-	Plastic 25L	●	-
M30A4	S	2st	2	429 (26.16)	F-N-R	-	-	●	-	-	15	●	-	Op	-	Plastic 25L	●	-
	L	2st	2	429 (26.16)	F-N-R	-	-	●	-	-	20	●	-	Op	-	Plastic 25L	●	-
	UL	2st	2	429 (26.16)	F-N-R	-	-	●	-	-	25	●	-	Op	-	Plastic 25L	●	-
	EFS	2st	2	429 (26.16)	F-N-R	●	-	●	-	-	15	●	-	Op	-	Plastic 25L	●	-
	EFL	2st	2	429 (26.16)	F-N-R	●	-	●	-	-	20	●	-	Op	-	Plastic 25L	●	-
	EPS	2st	2	429 (26.16)	F-N-R	●	●	-	-	-	15	●	●	Op	-	Plastic 25L	●	-
	EPL	2st	2	429 (26.16)	F-N-R	●	●	-	-	-	20	●	●	Op	-	Plastic 25L	●	-
M40C	S	2st	2	493 (30.08)	F-N-R	-	-	●	-	-	15	●	-	Op	-	Plastic 25L	●	-
	L	2st	2	493 (30.08)	F-N-R	-	-	●	-	-	20	●	-	Op	-	Plastic 25L	●	-
	EFL	2st	2	493 (30.08)	F-N-R	●	-	●	-	-	20	●	-	Op	-	Plastic 25L	●	-
	EPS	2st	2	493 (30.08)	F-N-R	●	●	-	-	-	15	●	●	Op	-	Plastic 25L	●	-
	EPL	2st	2	493 (30.08)	F-N-R	●	●	-	-	-	20	●	●	Op	-	Plastic 25L	●	-
M40D2	S	2st	3	697 (42.53)	F-N-R	-	-	●	-	-	15	●	-	Op	-	Plastic 25L	●	-
	L	2st	3	697 (42.53)	F-N-R	-	-	●	-	-	20	●	-	Op	-	Plastic 25L	●	-
	LL	2st	3	697 (42.53)	F-N-R	-	-	●	-	-	22	●	-	Op	-	Plastic 25L	●	-
	UL	2st	3	697 (42.53)	F-N-R	-	-	●	-	-	25	●	-	Op	-	Plastic 25L	●	-
	EFL	2st	3	697 (42.53)	F-N-R	●	-	●	-	-	20	●	-	Op	-	Plastic 25L	●	-
	EFOL	2st	3	697 (42.53)	F-N-R	●	-	●	-	●	20	●	-	Op	-	Plastic 25L	●	-
	EPOS	2st	3	697 (42.53)	F-N-R	●	●	-	-	●	15	●	●	●	-	Plastic 25L	●	-
	EPOL	2st	3	697 (42.53)	F-N-R	●	●	-	-	●	20	●	●	●	-	Plastic 25L	●	-
	EFTOL	2st	3	697 (42.53)	F-N-R	●	-	●	-	●	20	●	-	Op	-	Plastic 25L	●	-
	EPTOS	2st	3	697 (42.53)	F-N-R	●	●	-	-	●	15	●	●	●	●	Plastic 25L	●	-
	EPTOL	2st	3	697 (42.53)	F-N-R	●	●	-	-	●	20	●	●	●	●	Plastic 25L	●	-

Note: ● = Standard Op = Optional ●* = Standard (Digital Multi)

Model	Type	Engine			Clutch	Electric Starter	Remote Control	Tiller Handle	Gas Assist Tilt	PTT or PT	Oil Auto Mixing	Transom	Propeller	Remote Control Box	Gauges		Fuel Tank	Fuel Line Hose	Dual Tank Connector
		Type	Nos of Cyl.	Displacement Cu in (cc)											Tach	Trim			
M50D2	S	2st	3	697 (42.53)	F-N-R	-	-	●	-	-	15	●	-	Op	-	Plastic 25L	●	-	
	L	2st	3	697 (42.53)	F-N-R	-	-	●	-	-	20	●	-	Op	-	Plastic 25L	●	-	
	LL	2st	3	697 (42.53)	F-N-R	-	-	●	-	-	22	●	-	Op	-	Plastic 25L	●	-	
	UL	2st	3	697 (42.53)	F-N-R	-	-	●	-	-	25	●	-	Op	-	Plastic 25L	●	-	
	EFL	2st	3	697 (42.53)	F-N-R	●	-	●	-	-	20	●	-	Op	-	Plastic 25L	●	-	
	EFOL	2st	3	697 (42.53)	F-N-R	●	-	●	-	●	20	●	-	Op	-	Plastic 25L	●	-	
	EPOS	2st	3	697 (42.53)	F-N-R	●	●	-	-	●	15	●	●	●	-	Plastic 25L	●	-	
	EPOL	2st	3	697 (42.53)	F-N-R	●	●	-	-	●	20	●	●	●	-	Plastic 25L	●	-	
	EFTOL	2st	3	697 (42.53)	F-N-R	●	-	●	-	●	20	●	-	Op	-	Plastic 25L	●	-	
	EPTOS	2st	3	697 (42.53)	F-N-R	●	●	-	-	●	15	●	●	●	●	Plastic 25L	●	-	
EPTOL	2st	3	697 (42.53)	F-N-R	●	●	-	-	●	20	●	●	●	●	Plastic 25L	●	-		
MW50D2	L	2st	3	697 (42.53)	F-N-R	-	-	●	-	-	20	●	-	Op	-	Plastic 25L	●	-	
	EPOL	2st	3	697 (42.53)	F-N-R	●	●	-	-	●	20	●	●	●	-	Plastic 25L	●	-	
M60C	EFOL	2st	3	938 (57.23)	F-N-R	●	-	●	-	●	20	●	-	Op	-	Plastic 25L	●	-	
	EPOL	2st	3	938 (57.23)	F-N-R	●	●	-	-	●	20	●	●	●	-	Plastic 25L	●	-	
	EFTOL	2st	3	938 (57.23)	F-N-R	●	-	●	-	●	20	●	-	Op	-	Plastic 25L	●	-	
	EPTOL	2st	3	938 (57.23)	F-N-R	●	●	-	-	●	20	●	●	●	●	Plastic 25L	●	-	
M70C	EFOL	2st	3	938 (57.23)	F-N-R	●	-	●	-	●	20	●	-	Op	-	Plastic 25L	●	-	
	EPOL	2st	3	938 (57.23)	F-N-R	●	●	-	-	●	20	●	●	●	-	Plastic 25L	●	-	
	EFTOL	2st	3	938 (57.23)	F-N-R	●	-	●	-	●	20	●	-	Op	-	Plastic 25L	●	-	
	EPTOL	2st	3	938 (57.23)	F-N-R	●	●	-	-	●	20	●	●	●	●	Plastic 25L	●	-	
	EPTOUL	2st	3	938 (57.23)	F-N-R	●	●	-	-	●	25	●	●	●	●	Plastic 25L	●	-	
	MFGL	2st	3	938 (57.23)	F-N-R	-	-	●	-	-	20	●	-	Op	-	Plastic 25L	●	-	
	MFGUL	2st	3	938 (57.23)	F-N-R	-	-	●	-	-	25	●	-	Op	-	Plastic 25L	●	-	
M90A	EFTOUL	2st	3	1267 (77.3)	F-N-R	●	-	●	-	●	25	●	-	Op	-	Plastic 25L	●	-	
	EPTOL	2st	3	1267 (77.3)	F-N-R	●	●	-	-	●	20	●	●	●	●	Plastic 25L	●	-	
	EPTOUL	2st	3	1267 (77.3)	F-N-R	●	●	-	-	●	25	●	●	●	●	Plastic 25L	●	-	
M115A2	EPTOL	2st	4	1768 (107.9)	F-N-R	●	●	-	-	●	20	●	●	●*	-	Plastic 25L	●	-	
	EPTOUL	2st	4	1768 (107.9)	F-N-R	●	●	-	-	●	25	●	●	●*	-	Plastic 25L	●	-	
M120A2	EPTOL	2st	4	1768 (107.9)	F-N-R	●	●	-	-	●	20	●	●	●*	-	Plastic 25L	●	-	
	EPTOUL	2st	4	1768 (107.9)	F-N-R	●	●	-	-	●	25	●	●	●*	-	Plastic 25L	●	-	
M140A2	EPTOL	2st	4	1768 (107.9)	F-N-R	●	●	-	-	●	20	●	●	●*	-	Plastic 25L	●	-	
	EPTOUL	2st	4	1768 (107.9)	F-N-R	●	●	-	-	●	25	●	●	●*	-	Plastic 25L	●	-	

Model	Type	Engine			Clutch	Electric Starter	Remote Control	Tiller Handle	Gas Assist Tilt	PTT or PT	Oil Auto Mixing	Transom	Propeller	Remote Control Box	Gauges		Fuel Tank	Fuel Line Hose	Dual Tank Connector
		Type	Nos of Cyl.	Displacement Cu in (cc)											Tach	Trim			

Four Stroke

MFS2.5A	S	4st	1	85 (5.25)	F-N	-	-	●	-	-	15	●	-	-	-	1L In-Tank	-	
	L	4st	1	85 (5.25)	F-N	-	-	●	-	-	20	●	-	-	-	1L In-Tank	-	
MFS3.5A	S	4st	1	85 (5.25)	F-N	-	-	●	-	-	15	●	-	-	-	1L In-Tank	-	
	L	4st	1	85 (5.25)	F-N	-	-	●	-	-	20	●	-	-	-	1L In-Tank	-	
MFS4BD	S	4st	1	123 (7.50)	F-N-R	-	-	●	-	-	15	●	-	-	-	1.3L In-Tank	●	
	L	4st	1	123 (7.50)	F-N-R	-	-	●	-	-	20	●	-	-	-	1.3L In-Tank	●	
MFS5BS	S	4st	1	123 (7.50)	F-N-R	-	-	●	-	-	15	●	-	-	-	Plastic 12L	●	-
	L	4st	1	123 (7.50)	F-N-R	-	-	●	-	-	20	●	-	-	-	Plastic 12L	●	-
MFS5BD	S	4st	1	123 (7.50)	F-N-R	-	-	●	-	-	15	●	-	-	-	1.3L In-Tank	●	
	L	4st	1	123 (7.50)	F-N-R	-	-	●	-	-	20	●	-	-	-	1.3L In-Tank	●	
MFS6BS	S	4st	1	123 (7.50)	F-N-R	-	-	●	-	-	15	●	-	-	-	Plastic 12L	●	-
	L	4st	1	123 (7.50)	F-N-R	-	-	●	-	-	20	●	-	-	-	Plastic 12L	●	-
Sail Pro	UL	4st	1	123 (7.50)	F-N-R	-	-	●	-	-	25	●	-	-	-	Plastic 12L	●	-
MFS6BD	S	4st	1	123 (7.50)	F-N-R	-	-	●	-	-	15	●	-	-	-	1.3L In-Tank	●	
	L	4st	1	123 (7.50)	F-N-R	-	-	●	-	-	20	●	-	-	-	1.3L In-Tank	●	
	UL	4st	1	123 (7.50)	F-N-R	-	-	●	-	-	25	●	-	-	-	1.3L In-Tank	●	
MFS8A3	S	4st	2	209 (12.75)	F-N-R	-	-	●	-	-	15	●	-	Op	-	Plastic 12L	●	-
	L	4st	2	209 (12.75)	F-N-R	-	-	●	-	-	20	●	-	Op	-	Plastic 12L	●	-
	UL	4st	2	209 (12.75)	F-N-R	-	-	●	-	-	25	●	-	Op	-	Plastic 12L	●	-
	EFS	4st	2	209 (12.75)	F-N-R	●	-	●	-	-	15	●	-	Op	-	Plastic 12L	●	-
	EFL	4st	2	209 (12.75)	F-N-R	●	-	●	-	-	20	●	-	Op	-	Plastic 12L	●	-
	EPS	4st	2	209 (12.75)	F-N-R	●	●	-	-	-	15	●	●	Op	-	Plastic 12L	●	-
	EPL	4st	2	209 (12.75)	F-N-R	●	●	-	-	-	20	●	●	Op	-	Plastic 12L	●	-
MFS9.8A3	S	4st	2	209 (12.75)	F-N-R	-	-	●	-	-	15	●	-	Op	-	Plastic 12L	●	-
	L	4st	2	209 (12.75)	F-N-R	-	-	●	-	-	20	●	-	Op	-	Plastic 12L	●	-
	UL	4st	2	209 (12.75)	F-N-R	-	-	●	-	-	25	●	-	Op	-	Plastic 12L	●	-
	EFS	4st	2	209 (12.75)	F-N-R	●	-	●	-	-	15	●	-	Op	-	Plastic 12L	●	-
	EFL	4st	2	209 (12.75)	F-N-R	●	-	●	-	-	20	●	-	Op	-	Plastic 12L	●	-
	EPS	4st	2	209 (12.75)	F-N-R	●	●	-	-	-	15	●	●	Op	-	Plastic 12L	●	-
	EPL	4st	2	209 (12.75)	F-N-R	●	●	-	-	-	20	●	●	Op	-	Plastic 12L	●	-

Note: ● = Standard Op = Optional ●* = Standard (Digital Multi)

Model	Type	Engine			Clutch	Electric Starter	Remote Control	Tiller Handle	Gas Assist Tilt	PTT or PT	Oil Auto Mixing	Transom	Propeller	Remote Control Box	Gauges		Fuel Tank	Fuel Line Hose	Dual Tank Connector
		Type	Nos of Cyl.	Displacement Cu in (cc)											Tach	Trim			
MFS15C	S	4st	2	351 (21.41)	F-N-R	-	-	●	-	-	15	●	-	Op	-	Plastic 12L	●	-	
	L	4st	2	351 (21.41)	F-N-R	-	-	●	-	-	20	●	-	Op	-	Plastic 12L	●	-	
	EFS	4st	2	351 (21.41)	F-N-R	●	-	●	-	-	15	●	-	Op	-	Plastic 12L	●	-	
	EFL	4st	2	351 (21.41)	F-N-R	●	-	●	-	-	20	●	-	Op	-	Plastic 12L	●	-	
	EPS	4st	2	351 (21.41)	F-N-R	●	●	-	-	-	15	●	●	Op	-	Plastic 12L	●	-	
	EPL	4st	2	351 (21.41)	F-N-R	●	●	-	-	-	20	●	●	Op	-	Plastic 12L	●	-	
	EPTS	4st	2	351 (21.41)	F-N-R	●	●	-	-	●	15	●	●	Op	-	Plastic 12L	●	-	
	EPTL	4st	2	351 (21.41)	F-N-R	●	●	-	-	●	20	●	●	Op	-	Plastic 12L	●	-	
MFS20C	S	4st	2	351 (21.41)	F-N-R	-	-	●	-	-	15	●	-	Op	-	Plastic 12L	●	-	
	L	4st	2	351 (21.41)	F-N-R	-	-	●	-	-	20	●	-	Op	-	Plastic 12L	●	-	
	EFS	4st	2	351 (21.41)	F-N-R	●	-	●	-	-	15	●	-	Op	-	Plastic 12L	●	-	
	EFL	4st	2	351 (21.41)	F-N-R	●	-	●	-	-	20	●	-	Op	-	Plastic 12L	●	-	
	EPS	4st	2	351 (21.41)	F-N-R	●	●	-	-	-	15	●	●	Op	-	Plastic 12L	●	-	
	EPL	4st	2	351 (21.41)	F-N-R	●	●	-	-	-	20	●	●	Op	-	Plastic 12L	●	-	
	EPTS	4st	2	351 (21.41)	F-N-R	●	●	-	-	●	15	●	●	Op	-	Plastic 12L	●	-	
	EPTL	4st	2	351 (21.41)	F-N-R	●	●	-	-	●	20	●	●	Op	-	Plastic 12L	●	-	
MFS25B	S	4st EFl	3	526 (32.09)	F-N-R	-	-	●	-	-	15	●	-	Op	-	Plastic 25L	●	-	
	L	4st EFl	3	526 (32.09)	F-N-R	-	-	●	-	-	20	●	-	Op	-	Plastic 25L	●	-	
	EFL	4st EFl	3	526 (32.09)	F-N-R	●	-	●	-	-	20	●	-	Op	-	Plastic 25L	●	-	
	EPS	4st EFl	3	526 (32.09)	F-N-R	●	●	-	-	-	15	●	●	Op	-	Plastic 25L	●	-	
	EPL	4st EFl	3	526 (32.09)	F-N-R	●	●	-	-	-	20	●	●	Op	-	Plastic 25L	●	-	
	EFTL	4st EFl	3	526 (32.09)	F-N-R	●	-	●	-	-	20	●	-	Op	-	Plastic 25L	●	-	
	EPTS	4st EFl	3	526 (32.09)	F-N-R	●	●	-	-	●	15	●	●	Op	Op	Plastic 25L	●	-	
	EPTL	4st EFl	3	526 (32.09)	F-N-R	●	●	-	-	●	20	●	●	Op	Op	Plastic 25L	●	-	
	EFGS	4st EFl	3	526 (32.09)	F-N-R	●	-	●	●	-	15	●	-	Op	-	Plastic 25L	●	-	
	EFGL	4st EFl	3	526 (32.09)	F-N-R	●	-	●	●	-	20	●	-	Op	-	Plastic 25L	●	-	
MFS30B	S	4st EFl	3	526 (32.09)	F-N-R	-	-	●	-	-	15	●	-	Op	-	Plastic 25L	●	-	
	L	4st EFl	3	526 (32.09)	F-N-R	-	-	●	-	-	20	●	-	Op	-	Plastic 25L	●	-	
	EFL	4st EFl	3	526 (32.09)	F-N-R	●	-	●	-	-	20	●	-	Op	-	Plastic 25L	●	-	
	EPS	4st EFl	3	526 (32.09)	F-N-R	●	●	-	-	-	15	●	●	Op	-	Plastic 25L	●	-	
	EPL	4st EFl	3	526 (32.09)	F-N-R	●	●	-	-	-	20	●	●	Op	-	Plastic 25L	●	-	
	EFTL	4st EFl	3	526 (32.09)	F-N-R	●	-	●	-	-	20	●	-	Op	-	Plastic 25L	●	-	
	EPTS	4st EFl	3	526 (32.09)	F-N-R	●	●	-	-	-	15	●	●	Op	Op	Plastic 25L	●	-	
	EPTL	4st EFl	3	526 (32.09)	F-N-R	●	●	-	-	-	20	●	●	Op	Op	Plastic 25L	●	-	
	EFGS	4st EFl	3	526 (32.09)	F-N-R	●	-	●	●	-	15	●	-	Op	-	Plastic 25L	●	-	
	EFGL	4st EFl	3	526 (32.09)	F-N-R	●	-	●	●	-	20	●	-	Op	-	Plastic 25L	●	-	

Model	Type	Engine		Clutch	Electric Starter	Remote Control	Tiller Handle	Gas Assist Tilt	PTT or PT	Oil Auto Mixing	Transom	Propeller	Remote Control Box	Gauges		Fuel Tank	Fuel Line Hose	Dual Tank Connector
		Type	Nos of Cyl.											Displacement Cu in (cc)	Tach			

TLDI

MD40B	EFTOL	TLDI	3	697 (42.53)	F-N-R	●	-	●	●	●	20	●	-	Op	-	Plastic 25L	●	-
	EPTOS	TLDI	3	697 (42.53)	F-N-R	●	●	-	-	●	15	●	●	●	●	Plastic 25L	●	-
	EPTOL	TLDI	3	697 (42.53)	F-N-R	●	●	-	-	●	20	●	●	●	●	Plastic 25L	●	-
MD50B	EFTOL	TLDI	3	697 (42.53)	F-N-R	●	-	●	-	●	20	●	-	Op	-	Plastic 25L	●	-
	EPTOS	TLDI	3	697 (42.53)	F-N-R	●	●	-	-	●	15	●	●	●	●	Plastic 25L	●	-
	EPTOL	TLDI	3	697 (42.53)	F-N-R	●	●	-	-	●	20	●	●	●	●	Plastic 25L	●	-
	EPTOUL	TLDI	3	697 (42.53)	F-N-R	●	●	-	-	●	25	●	●	●	●	Plastic 25L	●	-
MD70B	EPTOL	TLDI	3	1267 (77.3)	F-N-R	●	●	-	-	●	20	●	●	●	●	Plastic 25L	●	-
	EPTOUL	TLDI	3	1267 (77.3)	F-N-R	●	●	-	-	●	25	●	●	●	●	Plastic 25L	●	-
MD90B	EPTOL	TLDI	3	1267 (77.3)	F-N-R	●	●	-	-	●	20	●	●	●	●	Plastic 25L	●	-
	EPTOUL	TLDI	3	1267 (77.3)	F-N-R	●	●	-	-	●	25	●	●	●	●	Plastic 25L	●	-
MD115A	EPTOL	TLDI	4	1768 (107.9)	F-N-R	●	●	-	-	●	20	Op	Op	Op	Op	Op	●	-
	EPTOUL	TLDI	4	1768 (107.9)	F-N-R	●	●	-	-	●	25	Op	Op	Op	Op	Op	●	-

Note: ● = Standard Op = Optional ●* = Standard (Digital Multi)

2009 MODEL OUTBOARD MOTOR CRATE CONTENTS LIST

Model	Type	Owner's Manual	Service Tool Kit	Emergency Starter Rope	Service Parts			Engine Mount Bolts / Nuts	Propeller	Remote Control Box	Drag Link	Gauges		Fuel Tank	Fuel Line Hose	Engine Flushing attachment
					Spark Plug	Split pin	Sher Pin					Tach	Trim			

Two Stroke

M2.5A2	S	●	●	●	●	●	●	-	●	-	-	-	-	-	-	-
	L	●	●	●	●	●	●	-	●	-	-	-	-	-	-	-
M3.5A2	S	●	●	●	●	●	●	-	●	-	-	-	-	-	-	-
	L	●	●	●	●	●	●	-	●	-	-	-	-	-	-	-
M3.5B2	S	●	●	●	●	●	●	-	●	-	-	-	-	-	-	-
	L	●	●	●	●	●	●	-	●	-	-	-	-	-	-	-
M4C	S	●	●	●	●	●	-	-	●	-	-	-	-	-	-	Op
	L	●	●	●	●	●	-	-	●	-	-	-	-	-	-	Op
M5BD	S	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	L	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	UL	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
M6B	S	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	L	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
M8B	S	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	L	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	UL	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EPS	●	●	●	●	●	-	-	●	●	●	-	-	●	●	Op
	EPL	●	●	●	●	●	-	-	●	●	●	-	-	●	●	Op
M9.8B	S	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	L	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	UL	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EFS	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EFL	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EPS	●	●	●	●	●	-	-	●	●	●	-	-	●	●	Op
	EPL	●	●	●	●	●	-	-	●	●	●	-	-	●	●	Op
M9.9D2	S	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	L	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	UL	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EPS	●	●	●	●	●	-	-	●	●	●	Op	-	●	●	Op
	EPL	●	●	●	●	●	-	-	●	●	●	Op	-	●	●	Op

Model	Type	Owner's Manual	Service Tool Kit	Emergency Starter Rope	Service Parts			Engine Mount Bolts / Nuts	Propeller	Remote Control Box	Drag Link	Gauges		Fuel Tank	Fuel Line Hose	Engine Flushing attachment
					Spark Plug	Split pin	Sher Pin					Tach	Trim			
M15D2	S	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	L	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	UL	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EPS	●	●	●	●	●	-	-	●	●	●	-	-	●	●	Op
	EPL	●	●	●	●	●	-	-	●	●	●	-	-	●	●	Op
M18E2	S	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	L	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	UL	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EFS	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EFL	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EPS	●	●	●	●	●	-	-	●	●	●	-	-	●	●	Op
	EPL	●	●	●	●	●	-	-	●	●	●	-	-	●	●	Op
M25C3	S	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	L	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	UL	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EFS	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EFL	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EPS	●	●	●	●	●	-	-	●	●	●	-	-	●	●	Op
	EPL	●	●	●	●	●	-	-	●	●	●	-	-	●	●	Op
M25C3	JET	●	●	●	●	●	-	●	-	-	-	-	●	●	-	
M30A4	S	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	L	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	UL	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EFS	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EFL	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EPS	●	●	●	●	●	-	-	●	●	●	-	-	●	●	Op
	EPL	●	●	●	●	●	-	-	●	●	●	-	-	●	●	Op
M40C	S	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	L	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EFL	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EPS	●	●	●	●	●	-	-	●	●	●	-	-	●	●	Op
	EPL	●	●	●	●	●	-	-	●	●	●	-	-	●	●	Op

Note: ● = Included in the crate box with engine and included in cost of motor.

Op = Optional: These items are not standard equipment and NOT included in cost of motor.

●* = Does not include fuel quick connectors.

Model	Type	Owner's Manual	Service Tool Kit	Emergency Starter Rope	Service Parts			Engine Mount Bolts / Nuts	Propeller	Remote Control Box	Drag Link	Gauges		Fuel Tank	Fuel Line Hose	Engine Flushing attachment
					Spark Plug	Split pin	Sher Pin					Tach	Trim			
M40D2	S	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	L	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	LL	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	UL	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EFL	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EFOL	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EPOS	●	●	●	●	●	-	-	●	●	●	●	-	●	●	Op
	EPOL	●	●	●	●	●	-	-	●	●	●	●	-	●	●	Op
	EFTOL	●	●	●	●	●	-	●	●	-	-	-	-	●	●	Op
	EPTOS	●	●	●	●	●	-	●	●	●	●	●	●	●	●	Op
	EPTOL	●	●	●	●	●	-	●	●	●	●	●	●	●	●	Op
M50D2	S	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	L	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	LL	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	UL	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EFL	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EFOL	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EPOS	●	●	●	●	●	-	-	●	●	●	●	-	●	●	Op
	EPOL	●	●	●	●	●	-	-	●	●	●	●	-	●	●	Op
	EFTOL	●	●	●	●	●	-	●	●	-	-	-	-	●	●	Op
	EPTOS	●	●	●	●	●	-	●	●	●	●	●	●	●	●	Op
	EPTOL	●	●	●	●	●	-	●	●	●	●	●	●	●	●	Op
MW50D2	L	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EPOL	●	●	●	●	●	-	-	●	●	●	●	-	●	●	Op
M60C	EFOL	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EPOL	●	●	●	●	●	-	-	●	●	●	●	-	●	●	Op
	EFTOL	●	●	●	●	●	-	●	●	-	-	-	-	●	●	Op
	EPTOL	●	●	●	●	●	-	●	●	●	●	●	●	●	●	Op

Model	Type	Owner's Manual	Service Tool Kit	Emergency Starter Rope	Service Parts			Engine Mount Bolts / Nuts	Propeller	Remote Control Box	Drag Link	Gauges		Fuel Tank	Fuel Line Hose	Engine Flushing attachment	
					Spark Plug	Split pin	Sher Pin					Tach	Trim				
M70C	EFOL	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op	
	EPOL	●	●	●	●	●	-	-	●	●	●	●	●	●	●	Op	
	EFTOL	●	●	●	●	●	-	●	●	-	-	-	-	●	●	Op	
	EPTOL	●	●	●	●	●	-	●	●	●	●	●	●	●	●	●	Op
	EPTOUL	●	●	●	●	●	-	●	●	●	●	●	●	●	●	●	Op
	MFGGL	●	●	●	●	●	-	●	●	-	-	-	-	●	●	Op	
	MFGUL	●	●	●	●	●	-	●	●	-	-	-	-	●	●	Op	
M90A	EFTOUL	●	●	●	●	●	-	●	●	-	-	-	-	●	●	Op	
	EPTOL	●	●	●	●	●	-	●	●	●	●	●	●	●	●	Op	
	EPTOUL	●	●	●	●	●	-	●	●	●	●	●	●	●	●	Op	
M115A2	EPTOL	●	●	●	●	●	-	●	●	●	●	●	●	●	●	Op	
	EPTOUL	●	●	●	●	●	-	●	●	●	●	●	●	●	●	Op	
M120A2	EPTOL	●	●	●	●	●	-	●	●	●	●	●	●	●	●	Op	
	EPTOUL	●	●	●	●	●	-	●	●	●	●	●	●	●	●	Op	
M140A2	EPTOL	●	●	●	●	●	-	●	●	●	●	●	●	●	●	Op	
	EPTOUL	●	●	●	●	●	-	●	●	●	●	●	●	●	●	Op	

Four Stroke

MFS2.5A	S	●	●	●	●	●	●	-	●	-	-	-	-	-	-	-
	L	●	●	●	●	●	●	-	●	-	-	-	-	-	-	-
MFS3.5A	S	●	●	●	●	●	●	-	●	-	-	-	-	-	-	-
	L	●	●	●	●	●	●	-	●	-	-	-	-	-	-	-
MFS4BD	S	●	●	●	●	●	-	-	●	-	-	-	-	-	-	Op
	L	●	●	●	●	●	-	-	●	-	-	-	-	-	-	Op
MFS5BS	S	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	L	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
MFS5BD	S	●	●	●	●	●	-	-	●	-	-	-	-	-	-	Op
	L	●	●	●	●	●	-	-	●	-	-	-	-	-	-	Op

Note: ● = Included in the crate box with engine and included in cost of motor.

Op = Optional: These items are not standard equipment and NOT included in cost of motor.

●* = Does not include fuel quick connectors.

Model	Type	Owner's Manual	Service Tool Kit	Emergency Starter Rope	Service Parts			Engine Mount Bolts / Nuts	Propeller	Remote Control Box	Drag Link	Gauges		Fuel Tank	Fuel Line Hose	Engine Flushing attachment
					Spark Plug	Split pin	Sher Pin					Tach	Trim			
MFS6BS	S	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	L	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
Sail Pro	UL	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	S	●	●	●	●	●	-	-	●	-	-	-	-	-	-	Op
MFS6BD	L	●	●	●	●	●	-	-	●	-	-	-	-	-	-	Op
	UL	●	●	●	●	●	-	-	●	-	-	-	-	-	-	Op
MFS8A3	S	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	L	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	UL	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EFS	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EFL	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EPS	●	●	●	●	●	-	-	●	●	●	-	-	●	●	Op
	EPL	●	●	●	●	●	-	-	●	●	●	-	-	●	●	Op
MFS9.8A3	S	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	L	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	UL	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EFS	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EFL	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EPS	●	●	●	●	●	-	-	●	●	●	-	-	●	●	Op
	EPL	●	●	●	●	●	-	-	●	●	●	-	-	●	●	Op
MFS15C	S	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	L	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EFS	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EFL	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EPS	●	●	●	●	●	-	-	●	●	●	-	-	●	●	Op
	EPL	●	●	●	●	●	-	-	●	●	●	-	-	●	●	Op
	EPTS	●	●	●	●	●	-	●	●	●	●	-	-	●	●	Op
EPTL	●	●	●	●	●	-	●	●	●	●	-	-	●	●	Op	
MFS20C	S	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	L	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EFS	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EFL	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EPS	●	●	●	●	●	-	-	●	●	●	-	-	●	●	Op
	EPL	●	●	●	●	●	-	-	●	●	●	-	-	●	●	Op
	EPTS	●	●	●	●	●	-	●	●	●	●	-	-	●	●	Op
EPTL	●	●	●	●	●	-	●	●	●	●	-	-	●	●	Op	

Model	Type	Owner's Manual	Service Tool Kit	Emergency Starter Rope	Service Parts			Engine Mount Bolts / Nuts	Propeller	Remote Control Box	Drag Link	Gauges		Fuel Tank	Fuel Line Hose	Engine Flushing attachment
					Spark Plug	Split pin	Sher Pin					Tach	Trim			
MFS25B	S	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	L	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EFL	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EPS	●	●	●	●	●	-	-	●	●	●	-	-	●	●	Op
	EPL	●	●	●	●	●	-	-	●	●	●	-	-	●	●	Op
	EFTL	●	●	●	●	●	-	●	●	●	●	-	-	●	●	Op
	EPTS	●	●	●	●	●	-	●	●	●	●	-	-	●	●	Op
	EPTL	●	●	●	●	●	-	●	●	●	●	-	-	●	●	Op
	EFGS	●	●	●	●	●	-	●	●	-	-	-	-	●	●	Op
EFTL	●	●	●	●	●	-	●	●	-	-	-	-	●	●	Op	
MFS30B	S	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	L	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EFL	●	●	●	●	●	-	-	●	-	-	-	-	●	●	Op
	EPS	●	●	●	●	●	-	-	●	●	●	-	-	●	●	Op
	EPL	●	●	●	●	●	-	-	●	●	●	-	-	●	●	Op
	EFTL	●	●	●	●	●	-	●	●	-	-	-	-	●	●	Op
	EPTS	●	●	●	●	●	-	●	●	●	●	-	-	●	●	Op
	EPTL	●	●	●	●	●	-	●	●	●	●	-	-	●	●	Op
	EFGS	●	●	●	●	●	-	●	●	-	-	-	-	●	●	Op
EFTL	●	●	●	●	●	-	●	●	-	-	-	-	●	●	Op	
TLDI																
MD40B	EFTOL	●	●	●	●	●	-	●	●	-	-	-	-	●	●	Op
	EPTOS	●	●	●	●	●	-	●	●	●	●	●	●	●	●	Op
	EPTOL	●	●	●	●	●	-	●	●	●	●	●	●	●	●	Op
MD50B	EFTOL	●	●	●	●	●	-	●	●	-	-	-	-	●	●	Op
	EPTOS	●	●	●	●	●	-	●	●	●	●	●	●	●	●	Op
	EPTOL	●	●	●	●	●	-	●	●	●	●	●	●	●	●	Op
	EPTOUL	●	●	●	●	●	-	●	●	●	●	●	●	●	●	Op
MD70B	EPTOL	●	●	●	●	●	-	●	●	●	●	●	●	●	●	Op
	EPTOUL	●	●	●	●	●	-	●	●	●	●	●	●	●	●	Op
MD90B	EPTOL	●	●	●	●	●	-	●	●	●	●	●	●	●	●	Op
	EPTOUL	●	●	●	●	●	-	●	●	●	●	●	●	●	●	Op
MD115A	EPTOL	●	●	●	●	●	-	●	Op	Op	●	Op	Op	Op	●*	●
	EPTOUL	●	●	●	●	●	-	●	Op	Op	●	Op	Op	Op	●*	●

Note: ● = Included in the crate box with engine and included in cost of motor.

Op = Optional: These items are not standard equipment and NOT included in cost of motor.

●* = Does not include fuel quick connectors.

2009 TOHATSU PRE-RIG PROGRAM

Tohatsu offers a Pre-Rig kit for following models:

MD115AEPTOL 2009(XI)~
MD115AEPTOUL 2009(XI)~

When ordering one of these models you will need to purchase separately parts order for pre-rig kit, specify the control box option and propeller needed using the parts numbers listed in this program.

3Y7Q84550-5

PRE-RIGGING KIT (With Side Mount Control Box)

SIDE MOUNT CONTROLS KIT FOR TLDI	PARTS NUMBER	Q'ty
REMOTE CONTROL BOX (RC5F)	3T5Q84500-1	1
Tachometer (With Diagnostic)	3Z5-72640-1	1
METER LEAD WIRE (26ft)	3T5-72537-0	1
Trim Meter	3T1-72571-0	1
Extension Trim Meter Wire	3T1-72573-0	1
ASSIST CORD	353-72548-0	1



TOP MOUNT CONTROLS		PARTS NUMBER	Q'ty
1	Single Top Mount Controls (Right Hand Lever)	3U1-84490-0	1
2	Single Top Mount Controls (Left Hand Lever)	3T1-84490-0	1
3	Dual Top Mount Controls	3U1-84540-0	1
FLASH MOUNT CONTROLS		PARTS NUMBER	Q'ty
4	Flush Mount Controls	3U1-84600-0	1



Single Top
Mount Controls
(Right Hand Lever)



Single Top
Mount Controls
(Left Hand Lever)



Dual Top
Mount Controls

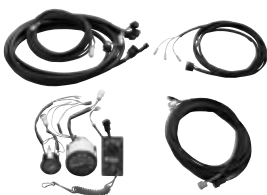


Flush Mount
Controls

3Z5-84550-5

PRE-RIGGING KIT (Without Control Box)

RIGGING KIT FOR TLDI	PARTS NUMBER	Q'ty
RIGGING CORD KIT	3Y9-84560-1	1
MAIN SWITCH ASSY	3Y9-76020-0	1
MAIN SWITCH KEY COVER	383-76205-1	1
STOP SWITCH ASSY	3Y9-06830-0	1
OVERHEAT BUZZER	3Y9-76171-0	1
CORD ASSY	3Y9-76115-0	1
CORD ASSY	3Y7-76119-1	1
TACHOMETER	3Z5-72640-1	1
METER LEAD WIRE	3T5-72537-0	1
TRIM METER ASSY	3T1-72571-0	1
EXTENSION CORD	3T1-72573-1	1
ASSIST CORD	353-72548-0	1



Exclusively for MD115 PROPELLER

PARTS NAME	PARTS NUMBER
PROPELLER M-11(3×355×279)	3T1B64523-0
PROPELLER M-13(3×355×330)	3T1B64527-0
PROPELLER M-15(3×349×381)	3T1B64532-0
PROPELLER M-16(3×336×406)	3T1B64534-0
PROPELLER M-17(3×336×432)	3T1B64536-0
PROPELLER M-19(3×330×483)	3T1B64541-0
PROPELLER M-21(3×324×533)	3T1B64545-0

Do not use these propellers for MD70/90B models.

FEATURES & BENEFITS



1-Cylinder

One cylinder engine is lightweight and compact.



2-Cylinder

Two cylinder engine provides superior performance and incredible hole-shots.



3-Cylinder

Three cylinder engine



4-Cylinder

In-line four cylinder engine



Direct Fuel Injection

The ECU precisely controls the fuel injection and ignition timing for the engine.



Battery-less Electronic Fuel Injection

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



Low Fuel Consumption

Injection timing allows less fuel consumption and emissions, especially from idle to mid-range operation.



Alternator

The high-output alternator provides sufficient power for constant engine operation and use of various electrical accessories.



Charging System

For use with alternator coils, these provide D.C. current for recharging a 12 volt battery or to power electrical devices.



Thermostat

Closes cooling water passage to help warm up the engine immediately after starting if cooling water temperature is very low. It opens automatically after engine is warmed up.



Built-in Tank

The outboard motor has an integral fuel tank, making the boat ready for cruising simply by mounting it and requiring no extra space for a separate fuel tank.



Dual Fuel System

The outboard motor has an integral fuel tank, making the boat ready for cruising simply by mounting it and requiring no extra space for a separate tank.

Note: An external fuel fitting comes standard with this model for additional fueling from an optional remote fuel tank.



Manual Start Back-Up

The engine can be started either electrically by operating the main key switch or manually by using the recoil starter.



Trolling Speed Control

The trolling speed can be set to any of the following three engine speeds by using the key switch; 700, 800 or 900 rpm. This feature allows you to select the ideal trolling speed in a variety of current and wind conditions.



Throttle Friction

Throttle friction can be fine-tuned with an adjusting knob, and can be locked in place.



Forward - Neutral - Reverse

Forward - Neutral - Reverse (F - N - R) shift allows easy control of the outboard motor.



Forward - Neutral

Forward - Neutral (F - N) shift allows easy control of the outboard motor.



Front Shift Control

The shift lever is located on the front of the motor making operation easier.



360° Full Pivot Steering

The outboard motor can be turned 360 degrees for steering including reversing, making it suitable for small boats.



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)



Steering Friction Adjustment

Steering friction can be adjusted for easy control of the outboard motor at any speed range.



Power Trim & Tilt

The Power Trim & Tilt switch allows adjustment of the outboard motor. The mechanism is used not only for tilting up but also adjusting trim angle for steady running, easily adjustable for various loads.



Power Tilt

The Power Tilt switch tilts the outboard motor up/down. This function is convenient for tilting up the motor when mooring the boat.



Gas Assist Tilt

The Gas Assist Tilt makes manual tilting of outboard motor easier.



Chromed Pump Case Liner and Chromed Guide Plate

High capacity water pump, with chrome plated housing.



Strong Lower Unit

Heavy duty lower gear case & large diameter propeller.



High Thrust Propeller

Equipped with the High Thrust Sail Drive Propeller.



Diagnostics

Troubleshooting can be made accurately when ECU is linked with a personal computer.



Multifunctional Tachometer

The tachometer informs the operator of potential problems through the meter indicator and warning lamp. It is also used as on-board diagnostics.



Over-Heat Buzzer

The system uses a temperature sensor on the engine to warn of overheating.



High Solid Paint Coating

2-parts hardened acrylic resin coating specially formulated for marine environment helps protect the engine from UV or salt water damage.



Light Weight

The outboard motor is made lightweight for easier carry and mounting as compared with other similar models.



For Sail Boat

The outboard motor is provided with features designed specifically for powering sail boats.

TDI
TOHATSU
TDI®

TLDI

MD115A



Exceed the European Union emission standards.



California C.A.R.B.
two star rating
for very low emissions.

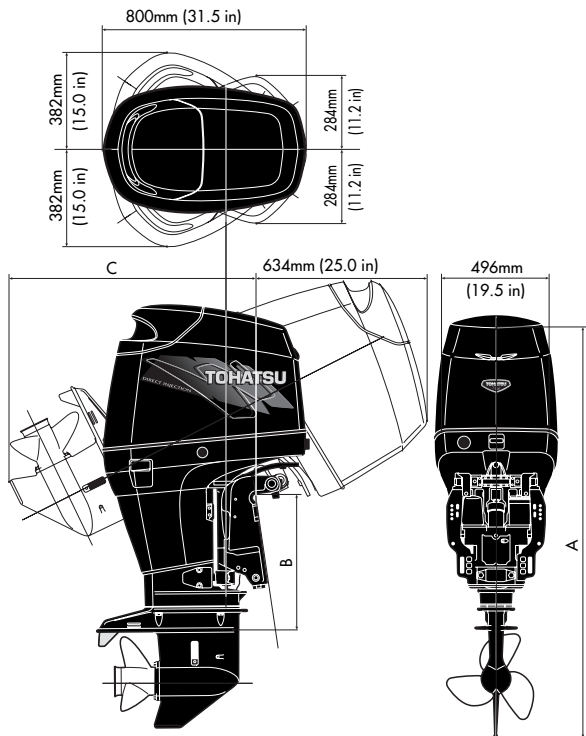
TLDI

Specifications

Type	TLDI (Two-Stroke Low-Pressure Direct Fuel Injection)	
Maximum output	HP (KW)	115 (85)
Maximum operating range	rpm	5150-5850
Fuel consumption at W.O.T	L/Hr (gal/Hr)	44 (11.6)
Number of cylinder	4	
Bore x Stroke	mm (in)	88x72.7 (3.46x2.86)
Displacement	cc (Cu in)	1768 (107.9)
Engine lubrication system	Auto Mixing (Electrical oil pump)	
Starting system	Electric starter	
Spark plug	NGK IZFR5J	
Ignition timing	Electronically advanced	
Alternator output	12V 490W 40A	
Engine oil	Premium TCW-3 2-stroke oil or Recommended	
Volume of engine oil	L (gal)	7 (1.77)
Fuel tank capacity	L (gal)	Option 25 (6.6)
Speed control	Remote control	
Gear reduction ratio	2.0 (13:26)	
Emission Compliance	EU & EPA & CARB 2-Star	

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight (kg/lbs)

Model	EPTO
Transom L:	178 (392)
Transom UL:	181 (399)

Dimensions (mm/in)

Model	A	B	C
Transom L:	1640 (64.6)	517 (20.4)	967 (38.1)
Transom UL:	1767 (69.6)	644 (25.4)	1084 (42.7)

Standard & Optional Equipments

Type	EPTOL/UL
Electric Starter	●
Engine Stop Switch Lanyard	●*
Alternator	●
Rectifier	●
Power Trim & Tilt	●
Oil Auto Mixing	●
Transom	20/25
Propeller	○
Analog Tachometer	○
Analog Trim Meter	○
Remote Control Box	○
25L Plastic Fuel Tank	○
Tool Kit	●
Spare Spark Plugs	●
Owners Manual	●

● Standard ○ Optional

* Equip with the remote control box



4-Cylinder



Direct Fuel Injection



Low Fuel Consumption



Alternator



Charging System



Thermostat



Trolling Speed Control



Power Trim & Tilt



Multifunction Tachometer



Over-Heat Buzzer



High Solid Paint Coating

TLDI

MD90B



Exceed the European Union emission standards.



California C.A.R.B.
two star rating
for very low emissions.

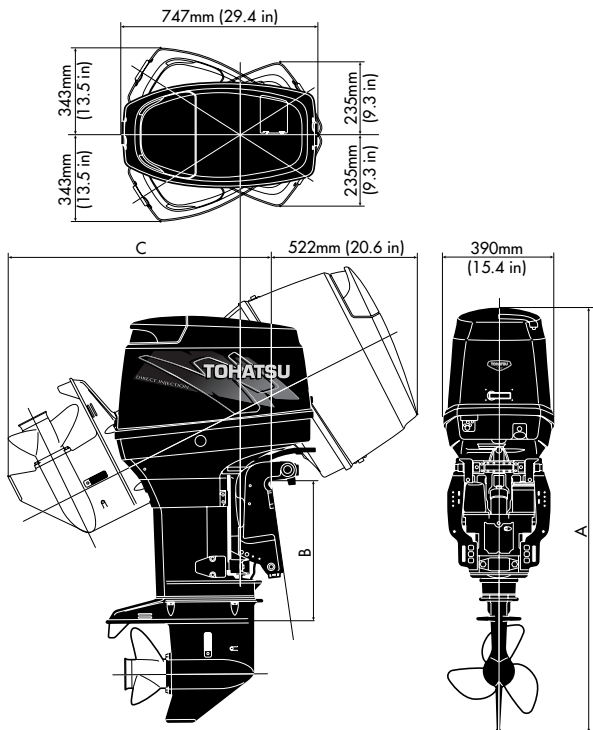
TLDI

Specifications

Type	TLDI (Two-Stroke Low-Pressure Direct Fuel Injection)	
Maximum output	HP (KW)	90 (66.2)
Maximum operating range	rpm	5150-5850
Fuel consumption at W.O.T	L/Hr (gal/Hr)	30 (7.9)
Number of cylinder	3	
Bore x Stroke	mm (in)	86x72.7 (3.39x2.86)
Displacement	cc (Cu in)	1267 (77.3)
Engine lubrication system	Auto Mixing (Electrical oil pump)	
Starting system	Electric starter	
Spark plug	NGK IZFR5J	
Ignition timing	Electronically advanced	
Alternator output	12V 280W 23A	
Engine oil	Premium TCW-3 2-stroke oil or Recommended	
Volume of engine oil	L (gal)	4 (1.06)
Fuel tank capacity	L (gal)	25 (6.6)
Speed control	Remote control	
Gear reduction ratio	2.0 (13:26)	
Emission Compliance	EU & EPA & CARB 2-Star	

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight (kg/lbs)

Model	EPTO
Transom L:	143 (315)
Transom UL:	146 (322)

Dimensions (mm/in)

Model	A	B	C
Transom L:	1477 (58.1)	517 (20.4)	967 (38.1)
Transom UL:	1604 (63.1)	644 (25.4)	1081 (42.6)

Standard & Optional Equipments

Type	EPTOL/UL
Electric Starter	●
Engine Stop Switch Lanyard	●*
Alternator	●
Rectifier	●
Power Trim & Tilt	●
Oil Auto Mixing	●
Transom	20/25
Propeller	●
Analog Tachometer	●
Analog Trim Meter	●
Remote Control Box	●
25L Plastic Fuel Tank	●
Tool Kit	●
Spare Spark Plugs	●
Owners Manual	●

● Standard ○ Optional

* Equip with the remote control box



3-Cylinder



Direct Fuel Injection



Low Fuel Consumption



Thermostat



Alternator



Charging System



Trolling Speed Control



Power Trim & Tilt



Multifunctional Tachometer



Over-Heat Buzzer



High Solid Paint Coating

TLDI

MD70B



Exceed the European Union emission standards.



California C.A.R.B.
two star rating
for very low emissions.

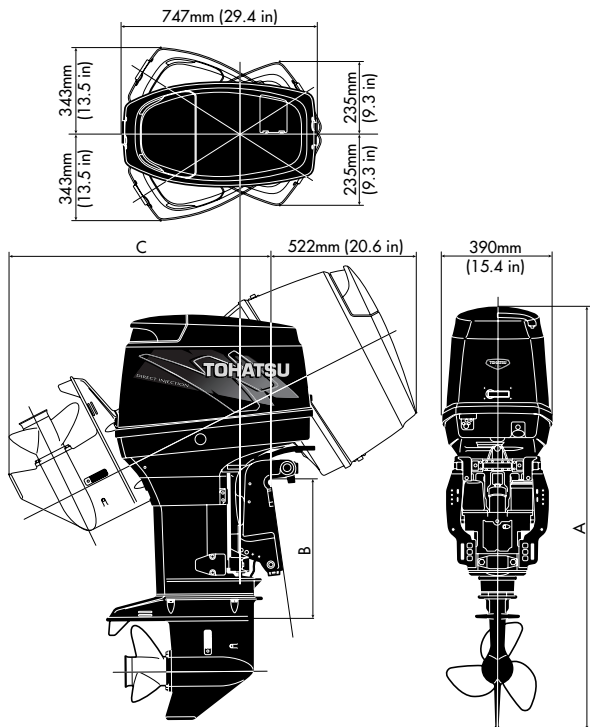
TLDI

Specifications

Type	TLDI (Two-Stroke Low-Pressure Direct Fuel Injection)	
Maximum output	HP (KW)	70 (51.5)
Maximum operating range	rpm	5150-5850
Fuel consumption at W.O.T	L/Hr (gal/Hr)	24.4 (6.45)
Number of cylinder	3	
Bore x Stroke	mm (in)	86x72.7 (3.39x2.86)
Displacement	cc (Cu in)	1267 (77.3)
Engine lubrication system	Auto Mixing (Electrical oil pump)	
Starting system	Electric starter	
Spark plug	NGK IZFR5J	
Ignition timing	Electronically advanced	
Alternator output	12V 280W 23A	
Engine oil	Premium TCW-3 2-stroke oil or Recommended	
Volume of engine oil	L (gal)	4 (1.06)
Fuel tank capacity	L (gal)	25 (6.6)
Speed control	Remote control	
Gear reduction ratio	2.33 (12:28)	
Emission Compliance	EU & EPA & CARB 2-Star	

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight (kg/lbs)

Model	EPTO
Transom L:	143 (315)
Transom UL:	146 (322)

Dimensions (mm/in)

Model	A	B	C
Transom L:	1477 (58.1)	517 (20.4)	967 (38.1)
Transom UL:	1604 (63.1)	644 (25.4)	1081 (42.6)

Standard & Optional Equipments

Type	EPTOL/UL
Electric Starter	●
Engine Stop Switch Lanyard	●*
Alternator	●
Rectifier	●
Power Trim & Tilt	●
Oil Auto Mixing	●
Transom	20/25
Propeller	●
Analog Tachometer	●
Analog Trim Meter	●
Remote Control Box	●
25L Plastic Fuel Tank	●
Tool Kit	●
Spare Spark Plugs	●
Owners Manual	●

● Standard ○ Optional

* Equip with the remote control box



3-Cylinder



Direct Fuel Injection



Low Fuel Consumption



Thermostat



Alternator



Charging System



Trolling Speed Control



Power Trim & Tilt



Multifunctional Tachometer



Over-Heat Buzzer



High Solid Paint Coating

TLDI

MD50B



Exceed the European Union emission standards.



California C.A.R.B.
two star rating
for very low emissions.

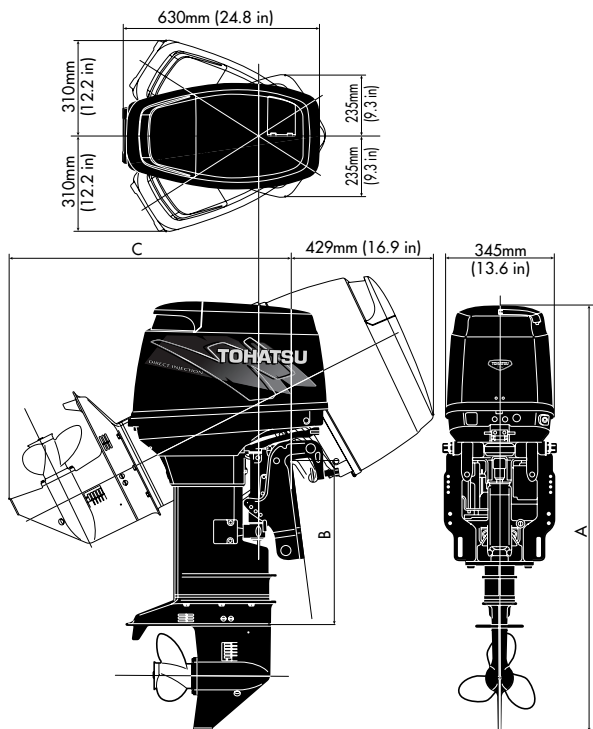
TLDI

Specifications

Type	TLDI (Two-Stroke Low-Pressure Direct Fuel Injection)	
Maximum output	HP (KW)	50 (36.8)
Maximum operating range	rpm	5150-5850
Fuel consumption at W.O.T	L/Hr (gal/Hr)	17 (4.49)
Number of cylinder	3	
Bore x Stroke	mm (in)	68x64 (2.68x2.52)
Displacement	cc (Cu in)	697 (42.53)
Engine lubrication system	Auto Mixing (Mechanical oil pump)	
Starting system	Electric starter	
Spark plug	NGK PZFR6H	
Ignition timing	Electronically advanced	
Alternator output	12V 280W 23A	
Engine oil	Premium TCW-3 2-stroke oil or Recommended	
Volume of engine oil	L (gal)	2 (0.53)
Fuel tank capacity	L (gal)	25 (6.6)
Speed control	Twist grip type or Remote control	
Gear reduction ratio	1.85 (13:24)	
Emission Compliance	EU & EPA & CARB 2-Star	

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight (kg/lbs)

Model	EFTO	EPTO
Transom S:	-	93.5 (206)
Transom L:	97.5 (215)	94.5 (208)
Transom UL:	-	97 (214)

Dimensions (mm/in)

Model	A	B	C
Transom S:	1227 (48.3)	403 (15.9)	800 (31.6)
Transom L:	1354 (53.3)	530 (20.9)	910 (35.9)
Transom UL:	1481 (58.3)	657 (25.9)	1025 (40.5)

Standard & Optional Equipments

Type	EFTOL	EPTOS/L/UL
Electric Starter	●	●
Engine Stop Switch Lanyard	●	●*
Alternator	●	●
Rectifier	●	●
Power Trim & Tilt	●	●
Oil Auto Mixing	●	●
Transom	20	15/20/25
Propeller	●	●
Analog Tachometer	○	●
Analog Trim Meter	-	●
Remote Control Box	-	●
25L Plastic Fuel Tank	●	●
Tool Kit	●	●
Spare Spark Plugs	●	●
Owners Manual	●	●

● Standard ○ Optional
 * Equip with the remote control box



3-Cylinder



Direct Fuel Injection



Low Fuel Consumption



Alternator



Thermostat



Trolling Speed Control



Throttle Friction



Steering Friction Adjustment



Power Trim & Tilt



Multifunctional Tachometer



Over-Heat Buzzer



High Solid Paint Coating

TLDI

MD40B



Exceed the European Union emission standards.



California C.A.R.B.
two star rating
for very low emissions.

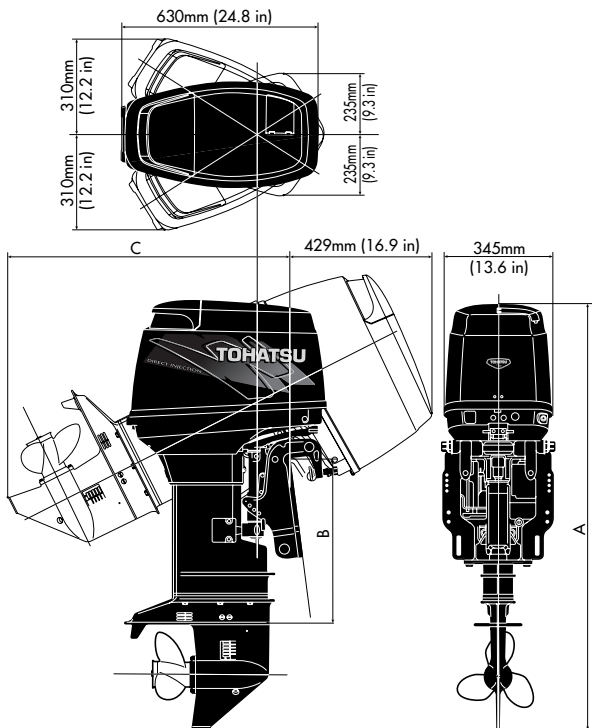
TLDI

Specifications

Type	TLDI (Two-Stroke Low-Pressure Direct Fuel Injection)	
Maximum output	HP (KW)	40 (29.4)
Maximum operating range	rpm	5150-5850
Fuel consumption at W.O.T	L/Hr (gal/Hr)	15.2 (4.02)
Number of cylinder	3	
Bore x Stroke	mm (in)	68x64 (2.68x2.52)
Displacement	cc (Cu in)	697 (42.53)
Engine lubrication system	Auto Mixing (Mechanical oil pump)	
Starting system	Electric starter	
Spark plug	NGK PZFR6H	
Ignition timing	Electronically advanced	
Alternator output	12V 280W 23A	
Engine oil	Premium TCW-3 2-stroke oil or Recommended	
Volume of engine oil	L (gal)	2 (0.53)
Fuel tank capacity	L (gal)	25 (6.6)
Speed control	Twist grip type or Remote control	
Gear reduction ratio	1.85 (13:24)	
Emission Compliance	EU & EPA & CARB 2-Star	

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight (kg/lbs)

Model	EPTO
Transom S:	93.5 (206)
Transom L:	94.5 (208)

Dimensions (mm/in)

Model	A	B	C
Transom S:	1227 (48.3)	403 (15.9)	800 (31.6)
Transom L:	1354 (53.3)	530 (20.9)	910 (35.9)

Standard & Optional Equipments

Type	EFTOL	EPTOS/L
Electric Starter	●	●
Engine Stop Switch Lanyard	●	●*
Alternator	●	●
Rectifier	●	●
Power Trim & Tilt	●	●
Oil Auto Mixing	●	●
Transom	20	15/20
Propeller	●	●
Analog Tachometer	○	●
Analog Trim Meter	-	●
Remote Control Box	-	●
25L Plastic Fuel Tank	●	●
Tool Kit	●	●
Spare Spark Plugs	●	●
Owners Manual	●	●

● Standard ○ Optional
 * Equip with the remote control box



Thermostat



Alternator



Power Trim & Tilt



Over-Heat Buzzer



Low Fuel Consumption



Trolling Speed Control



Multifunctional Tachometer



Throttle Friction



3-Cylinder



Steering Friction Adjustment



Direct Fuel Injection



High Solid Paint Coating

FOUR STROKE

FOUR
STROKE

MFS30B



Exceed the European
Union emission standards.



California C.A.R.B.
three star rating
for ultra-low emissions.

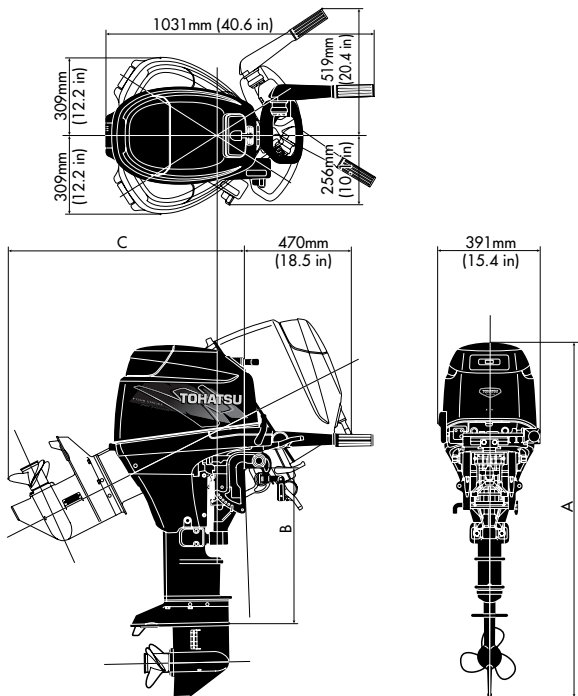
FOUR
STROKE

Specifications

Type		Four Stroke EFI
Maximum output	HP (KW)	30 (22.1)
Maximum operating range	rpm	5250-6250
Fuel consumption at W.O.T	L/Hr (gal/Hr)	10.4 (2.75)
Number of cylinder		3
Bore x Stroke	mm (in)	61x60 (2.40x2.36)
Displacement	cc (Cu in)	526 (32.09)
Engine lubrication system		Trochoid pump
Starting system		Manual or Electric starter
Spark plug		NGK DCPR6E
Ignition timing		Electronically advanced
Alternator output		12V 180W 15A
Engine oil		API SF, SG, SH, SJ, SL or SM FCW 10W-30/40
Engine oil capacity	L (qt)	1.8 (1.9) w/filter change
Fuel tank capacity	L (gal)	25 (6.6)
Speed control		Twist grip type or Remote control
Gear reduction ratio		1.92 (12:23)
Emission Compliance		EU & EPA & CARB 3-Star

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight

(kg/lbs)

Model	MF	EF	EFG	EFT	EP	EPT
Transom S:	71.5 (158)	-	81 (179)	-	73 (161)	81 (179)
Transom L:	73 (161)	76 (167)	82.5 (182)	84 (185)	74.5 (164)	82.5 (182)

Dimensions

(mm/in)

Model	A	B	C
Transom S:	1187 (46.7)	404 (15.9)	742 (29.2)
Transom L:	1335 (52.6)	552 (21.7)	870 (34.3)

Standard & Optional Equipments

Type	S/L	EFL	EPS/L	EFTL	EPTS/L	EFGS/L
Electric Starter	-	●	●	●	●	●
Manual Recoil Starter	●	●	●	●	●	●
Decompression Release	●	●	●	●	●	●
Engine Stop Switch Lanyard	●	●	●	●	●	●
Alternator	●	●	●	●	●	●
Rectifier	○	●	●	●	●	●
Gas Assist Tilt	-	-	-	-	-	●
Power Tilt	-	-	-	●	●	-
Transom	15/20	20	15/20	20	15/20	15/20
Propeller	●	●	●	●	●	●
Analog Tachometer	○	○	○	○	○	○
Analog Trim Meter	-	-	-	○	○	-
Remote Control Box	-	-	●	-	●	-
25L Plastic Fuel Tank	●	●	●	●	●	●
Tool Kit	●	●	●	●	●	●
Emergency Starter Rope	●	●	●	●	●	●
Spare Spark Plugs	●	●	●	●	●	●
Owners Manual	●	●	●	●	●	●

● Standard ○ Optional



3-Cylinder



Battery-less Electronic Fuel Injection



Low Fuel Consumption



Alternator



Charging System (Electric Model)



Thermostat



Manual Start Back-Up



Throttle Friction



Front Shift Control



Simple Steering Friction Lever (Manual Tilt)



Power Tilt



Gas Assist Tilt



Diagnostics



Over-Heat Buzzer



High Solid Paint Coating

FOUR
STROKE

MFS25B



Exceed the European
Union emission standards.



California C.A.R.B.
three star rating
for ultra-low emissions.

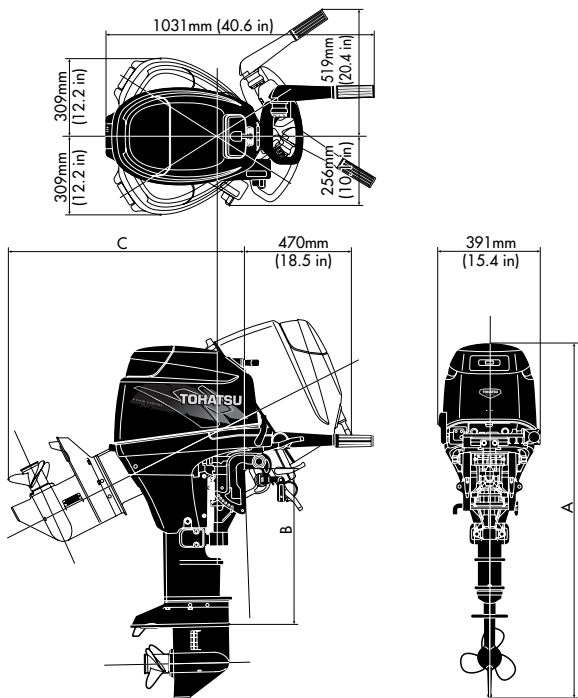
FOUR
STROKE

Specifications

Type		Four Stroke EFI
Maximum output	HP (KW)	25 (18.4)
Maximum operating range	rpm	5000-6000
Fuel consumption at W.O.T	L/Hr (gal/Hr)	8.8 (2.32)
Number of cylinder		3
Bore x Stroke	mm (in)	61x60 (2.40x2.36)
Displacement	cc (Cu in)	526 (32.09)
Engine lubrication system		Trochoid pump
Starting system		Manual or Electric starter
Spark plug		NGK DCPR6E
Ignition timing		Electronically advanced
Alternator output		12V 180W 15A
Engine oil		API SF, SG, SH, SJ, SL or SM FCW 10W-30/40
Engine oil capacity	L (qt)	1.8 (1.9) w/filter change
Fuel tank capacity	L (gal)	25 (6.6)
Speed control		Twist grip type or Remote control
Gear reduction ratio		1.92 (12:23)
Emission Compliance		EU & EPA & CARB 3-Star

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight

(kg/lbs)

Model	MF	EF	EFG	EFT	EP	EPT
Transom S:	71.5 (158)	-	81 (179)	-	73 (161)	81 (179)
Transom L:	73 (161)	76 (167)	82.5 (182)	84 (185)	74.5 (164)	82.5 (182)

Dimensions

(mm/in)

Model	A	B	C
Transom S:	1187 (46.7)	404 (15.9)	742 (29.2)
Transom L:	1335 (52.6)	552 (21.7)	870 (34.3)

Standard & Optional Equipments

Type	S/L	EFL	EPS/L	EFTL	EPTS/L	EFGS/L
Electric Starter	-	●	●	●	●	●
Manual Recoil Starter	●	●	●	●	●	●
Decompression Release	●	●	●	●	●	●
Engine Stop Switch Lanyard	●	●	●	●	●	●
Alternator	●	●	●	●	●	●
Rectifier	○	●	●	●	●	●
Gas Assist Tilt	-	-	-	-	-	●
Power Tilt	-	-	-	●	●	-
Transom	15/20	20	15/20	20	15/20	15/20
Propeller	●	●	●	●	●	●
Analog Tachometer	○	○	○	○	○	○
Analog Trim Meter	-	-	-	○	○	-
Remote Control Box	-	-	●	-	●	-
25L Plastic Fuel Tank	●	●	●	●	●	●
Tool Kit	●	●	●	●	●	●
Emergency Starter Rope	●	●	●	●	●	●
Spare Spark Plugs	●	●	●	●	●	●
Owners Manual	●	●	●	●	●	●

● Standard ○ Optional



3-Cylinder



**Battery-less
Electronic
Fuel Injection**



**Low Fuel
Consumption**



Alternator



**Charging System
(Electric Model)**



Thermostat



**Manual Start
Back-Up**



Throttle Friction



**Front Shift
Control**



**Simple Steering
Friction Lever
(Manual Tilt)**



Power Tilt



Gas Assist Tilt



Diagnostics



**Over-Heat
Buzzer**



**High Solid Paint
Coating**

FOUR
STROKE

MFS20C



Exceed the European
Union emission standards.



California C.A.R.B.
three star rating
for ultra-low emissions.

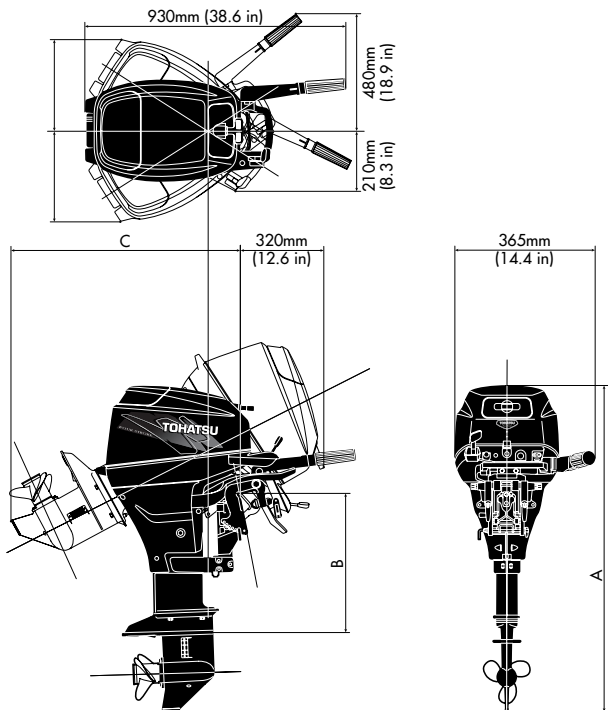
FOUR
STROKE

Specifications

Type		Four Stroke
Maximum output	HP (KW)	20 (14.7)
Maximum operating range	rpm	5400-6100
Fuel consumption at W.O.T	L/Hr (gal/Hr)	6.2 (1.64)
Number of cylinder		2
Bore x Stroke	mm (in)	61x60 (2.40x2.36)
Displacement	cc (Cu in)	351 (21.41)
Engine lubrication system		Trochoid pump
Starting system		Manual or Electric starter
Spark plug		NGK DCPR6E
Ignition timing	degree	BTDC5°- BTDC35°
Alternator output		Certain model: 12V 145W 12A
Engine oil		API SF, SG, SH, SJ, SL or SM FCW 10W-30/40
Engine oil capacity	L (qt)	1 (1.06)
Fuel tank capacity	L (gal)	12 (3.17)
Speed control		Twist grip type or Remote control
Gear reduction ratio		2.15 (13:28)
Emission Compliance		EU & EPA & CARB 3-Star

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight (kg/lbs)

Model	EF	EP	EPT
Transom S:	51.5 (114)	55 (121)	61 (134)
Transom L:	53 (117)	56.5 (124)	62.5 (138)

Dimensions (mm/in)

Model	A	B	C
Transom S:	1065 (41.9)	413 (16.3)	740 (29.1)
Transom L:	1215 (44.8)	562 (22.1)	880 (34.6)

Standard & Optional Equipments

Type	S/L	EFS/L	EPS/L	EPTS/L
Electric Starter	-	●	●	●
Manual Recoil Starter	●	●	●	●
Decompression Release	●	●	●	●
Engine Stop Switch Lanyard	●	●	●	●
Alternator	●	●	●	●
Rectifier	○	●	●	●
Power Tilt	-	-	-	●
Transom	15/20	15/20	15/20	15/20
Propeller	●	●	●	●
Analog Tachometer	○	○	○	○
Analog Trim Meter	-	-	-	-
Remote Control Box	-	-	●	●
12L Plastic Fuel Tank	●	●	●	●
Tool Kit	●	●	●	●
Emergency Starter Rope	●	●	●	●
Spare Spark Plugs	●	●	●	●
Owners Manual	●	●	●	●

● Standard ○ Optional



2-Cylinder



Alternator



Charging System
(Electric Model)



Thermostat



Manual Start
Back-Up



Throttle Friction



Front Shift
Control



Simple Steering
Friction Lever



Power Tilt



High Solid Paint
Coating

FOUR
STROKE

MFS 15C



Exceed the European
Union emission standards.



California C.A.R.B.
three star rating
for ultra-low emissions.

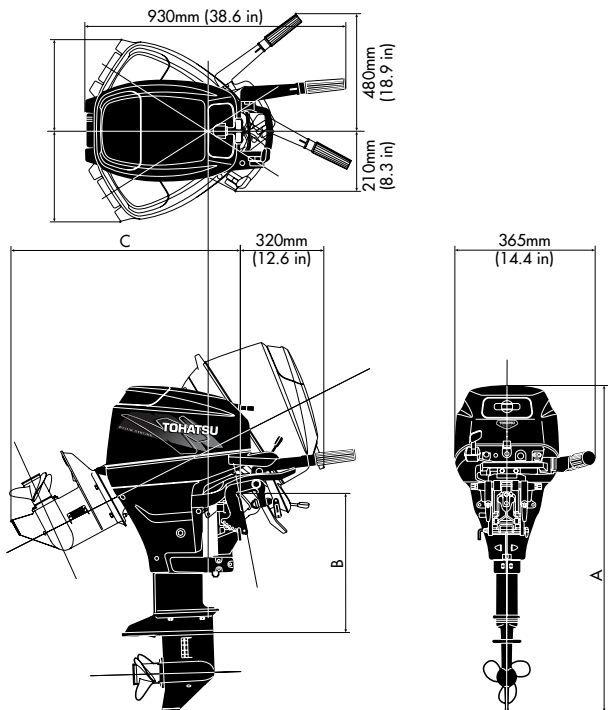
FOUR
STROKE

Specifications

Type		Four Stroke
Maximum output	HP (KW)	15 (11.0)
Maximum operating range	rpm	5000-6000
Fuel consumption at W.O.T	L/Hr (gal/Hr)	5.0 (1.32)
Number of cylinder		2
Bore x Stroke	mm (in)	61x60 (2.40x2.36)
Displacement	cc (Cu in)	351 (21.41)
Engine lubrication system		Trochoid pump
Starting system		Manual or Electric starter
Spark plug		NGK DCPR6E
Ignition timing	degree	BTDC5°- BTDC35°
Alternator output		Certain model: 12V 145W 12A
Engine oil		API SF, SG, SH, SJ, SL or SM FCW 10W-30/40
Engine oil capacity	L (qt)	1 (1.06)
Fuel tank capacity	L (gal)	12 (3.17)
Speed control		Twist grip type or Remote control
Gear reduction ratio		2.15 (13:28)
Emission Compliance		EU & EPA & CARB 3-Star

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight (kg/lbs)

Model	EF	EP	EPT
Transom S:	51.5 (114)	55 (121)	61 (134)
Transom L:	53 (117)	56.5 (124)	62.5 (138)

Dimensions (mm/in)

Model	A	B	C
Transom S:	1065 (41.9)	413 (16.3)	740 (29.1)
Transom L:	1215 (44.8)	562 (22.1)	880 (34.6)

Standard & Optional Equipments

Type	S/L	EFS/L	EPS/L	EPTS/L
Electric Starter	-	●	●	●
Manual Recoil Starter	●	●	●	●
Decompression Release	●	●	●	●
Engine Stop Switch Lanyard	●	●	●	●
Alternator	●	●	●	●
Rectifier	○	●	●	●
Power Tilt	-	-	-	●
Transom	15/20	15/20	15/20	15/20
Propeller	●	●	●	●
Analog Tachometer	○	○	○	○
Analog Trim Meter	-	-	-	-
Remote Control Box	-	-	●	●
12L Plastic Fuel Tank	●	●	●	●
Tool Kit	●	●	●	●
Emergency Starter Rope	●	●	●	●
Spare Spark Plugs	●	●	●	●
Owners Manual	●	●	●	●

● Standard ○ Optional



2-Cylinder



Alternator



Charging System
(Electric Model)



Thermostat



Manual Start
Back-Up



Throttle Friction



Front Shift
Control



Simple Steering
Friction Lever



Power Tilt



High Solid Paint
Coating

FOUR
STROKE

MFS9.8A3



Exceed the European
Union emission standards.



California C.A.R.B.
three star rating
for ultra-low emissions.

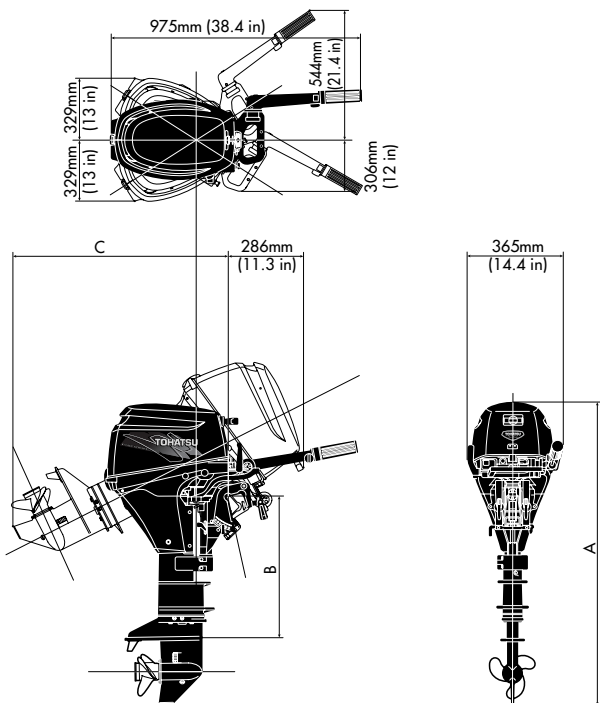
FOUR STROKE

Specifications

Type		Four Stroke
Maximum output	HP (KW)	9.8 (7.2)
Maximum operating range	rpm	5000-6000
Fuel consumption at W.O.T	L/Hr (gal/Hr)	3.8 (1.0)
Number of cylinder		2
Bore x Stroke	mm (in)	55x44 (2.17x1.73)
Displacement	cc (Cu in)	209 (12.75)
Engine lubrication system		Trochoid pump
Starting system		Manual or Electric starter
Spark plug		NGK DCPR6E
Ignition timing	degree	BTDC0°- BTDC35°
Alternator output		Certain model: 12V 80W 6A
Engine oil		API SF, SG, SH, SJ, SL or SM FCW 10W-30/40
Engine oil capacity	L (qt)	0.8 (0.85)
Fuel tank capacity	L (gal)	12 (3.17)
Speed control		Twist grip type or Remote control
Gear reduction ratio		2.08 (13:27)
Emission Compliance		EU & EPA & CARB 3-Star

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight

(kg/lbs)

Model	MF	EF	EP
Transom S:	37 (81.5)	40 (88)	40 (88)
Transom L:	38 (84)	41 (90.5)	41 (90.5)
Transom UL:	39.5 (87)	-	-

Dimensions

(mm/in)

Model	A	B	C
Transom S:	1035 (40.7)	435 (17.1)	709 (27.9)
Transom L:	1162 (45.7)	562 (22.1)	836 (32.9)
Transom UL:	1289 (50.7)	689 (27.1)	963 (37.9)

Standard & Optional Equipments

Type	S/L/UL	EFS/L	EPS/L
Electric Starter	-	●	●
Manual Recoil Starter	●	●	●
Decompression Release	-	-	-
Engine Stop Switch Lanyard	●	●	●
Alternator	○	●	●
Rectifier	○	●	●
Power Tilt	-	-	-
Transom	15/20/25	15/20	15/20
Propeller	●	●	●
Analog Tachometer	○	○	○
Analog Trim Meter	-	-	-
Remote Control Box	-	-	●
12L Plastic Fuel Tank	●	●	●
Tool Kit	●	●	●
Emergency Starter Rope	●	●	●
Spare Spark Plugs	●	●	●
Owners Manual	●	●	●

● Standard ○ Optional



2-Cylinder



**Alternator
(Electric Model)**



**Charging System
(Electric Model)**



Thermostat



**Manual Start
Back-Up**



Throttle Friction



**Front Shift
Control**



**Steering Friction
Adjustment**



**High Solid Paint
Coating**



Light Weight

FOUR
STROKE

MFS8A3



Exceed the European
Union emission standards.



California C.A.R.B.
three star rating
for ultra-low emissions.

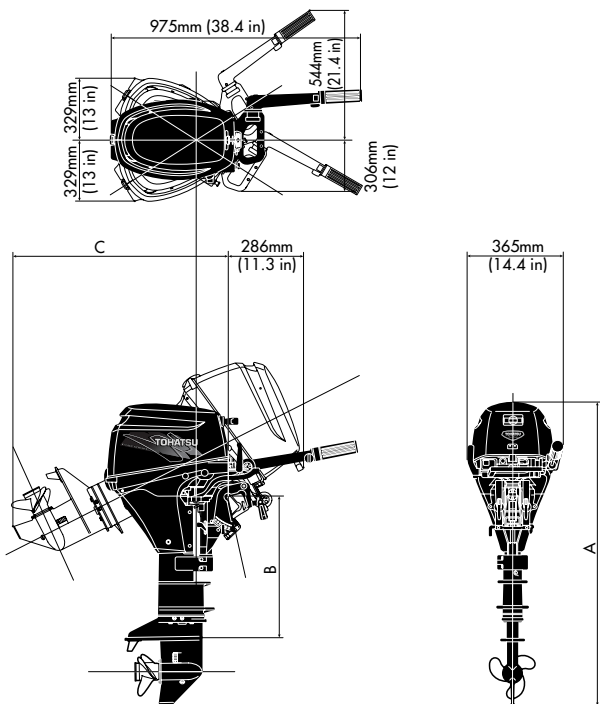
FOUR
STROKE

Specifications

Type		Four Stroke
Maximum output	HP (KW)	8.0 (5.9)
Maximum operating range	rpm	5000-6000
Fuel consumption at W.O.T	L/Hr (gal/Hr)	3.2 (0.85)
Number of cylinder		2
Bore x Stroke	mm (in)	55x44 (2.17x1.73)
Displacement	cc (Cu in)	209 (12.75)
Engine lubrication system		Trochoid pump
Starting system		Manual or Electric starter
Spark plug		NGK DCPR6E
Ignition timing	degree	BTDC0°- BTDC35°
Alternator output		Certain model: 12V 80W 6A
Engine oil		API SF, SG, SH, SJ, SL or SM FCW 10W-30/40
Engine oil capacity	L (qt)	0.8 (0.85)
Fuel tank capacity	L (gal)	12 (3.17)
Speed control		Twist grip type or Remote control
Gear reduction ratio		2.08 (13:27)
Emission Compliance		EU & EPA & CARB 3-Star

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight

(kg/lbs)

Model	MF	EF	EP
Transom S:	37 (81.5)	40 (88)	40 (88)
Transom L:	38 (84)	41 (90.5)	41 (90.5)
Transom UL:	39.5 (87)	-	-

Dimensions

(mm/in)

Model	A	B	C
Transom S:	1035 (40.7)	435 (17.1)	709 (27.9)
Transom L:	1162 (45.7)	562 (22.1)	836 (32.9)
Transom UL:	1289 (50.7)	689 (27.1)	963 (37.9)

Standard & Optional Equipments

Type	S/L/UL	EFS/L	EPS/L
Electric Starter	-	●	●
Manual Recoil Starter	●	●	●
Decompression Release	-	-	-
Engine Stop Switch Lanyard	●	●	●
Alternator	○	●	●
Rectifier	○	●	●
Power Tilt	-	-	-
Transom	15/20/25	15/20	15/20
Propeller	●	●	●
Analog Tachometer	○	○	○
Analog Trim Meter	-	-	-
Remote Control Box	-	-	●
12L Plastic Fuel Tank	●	●	●
Tool Kit	●	●	●
Emergency Starter Rope	●	●	●
Spare Spark Plugs	●	●	●
Owners Manual	●	●	●

● Standard ○ Optional



2-Cylinder



Alternator (Electric Model)



Charging System (Electric Model)



Thermostat



Manual Start Back-Up



Throttle Friction



Front Shift Control



Steering Friction Adjustment



High Solid Paint Coating



Light Weight

FOUR
STROKE

MFS6BS *S*allPro 



Exceed the European
Union emission standards.



California C.A.R.B.
three star rating
for ultra-low emissions.

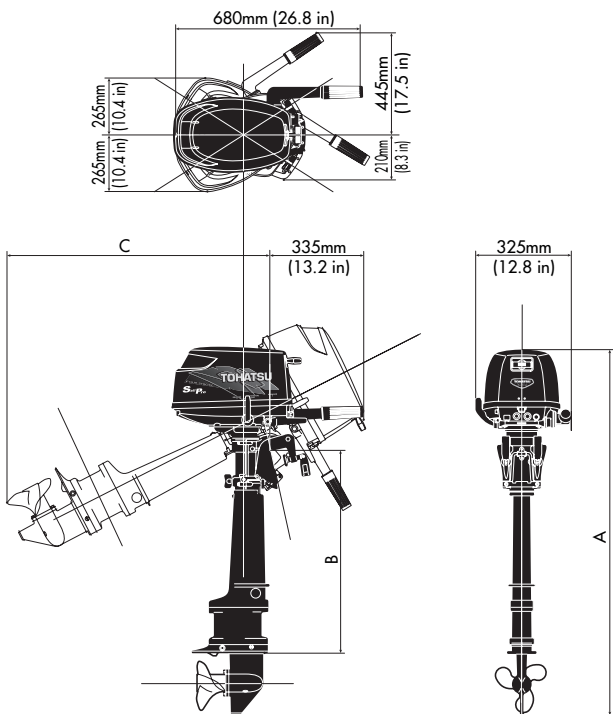
FOUR
STROKE

Specifications

Type		Four Stroke
Maximum output	HP (KW)	6 (4.4)
Maximum operating range	rpm	5000-6000
Fuel consumption at W.O.T	L/Hr (gal/Hr)	2.0 (0.53)
Number of cylinder		1
Bore x Stroke	mm (in)	59x45 (2.32x1.77)
Displacement	cc (Cu in)	123 (7.50)
Engine lubrication system		Trochoid pump
Starting system		Manual
Spark plug		NGK DCPR6E
Ignition timing	degree	BTDC0°- BTDC25°
Alternator output		12V 60W 5A
Engine oil		API SF, SG, SH, SJ, SL or SM FCW 10W-30/40
Engine oil capacity	L (qt)	0.45 (0.47)
Fuel tank capacity	L (gal)	12 (3.17)
Speed control		Twist grip type
Gear reduction ratio		2.15 (13:28)
Emission Compliance		EU & EPA & CARB 3-Star

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight (kg/lbs)

Model	
Transom UL:	27 (59)

Dimensions (mm/in)

Model	A	B	C
Transom UL:	1274 (50.2)	689 (27.1)	858 (33.8)

Standard & Optional Equipments

Type	UL
Electric Starter	-
Manual Recoil Starter	●
Decompression Release	●
Engine Stop Switch Lanyard	●
Alternator	●
Rectifier	●
Power Tilt	-
Transom	25
Propeller(High Thrust)	●
Analog Tachometer	-
Analog Trim Meter	-
Remote Control Box	-
12L Plastic Fuel Tank	●
Tool Kit	●
Emergency Starter Rope	●
Spare Spark Plugs	●
Owners Manual	●

● Standard ○ Optional



1-Cylinder



Alternator



Charging System



Thermostat



Throttle Friction



Forward -
Neutral - Reverse



Steering Friction
Adjustment



High Thrust
Propeller



High Solid Paint
Coating



Light Weight



Sail Boat Model

※Available 20" transom model in Spring 2009

FOUR
STROKE

MFS6BD/S



Exceed the European
Union emission standards.



California C.A.R.B.
three star rating
for ultra-low emissions.

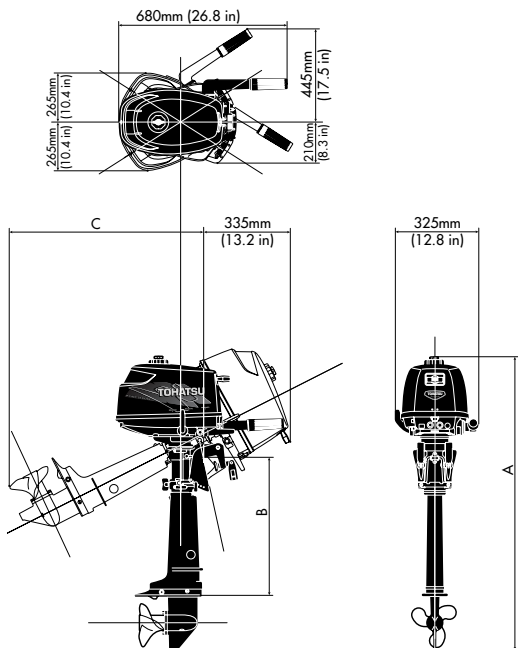
FOUR STROKE

Specifications

Type		Four Stroke
Maximum output	HP (KW)	6 (4.4)
Maximum operating range	rpm	5000-6000
Fuel consumption at W.O.T	L/Hr (gal/Hr)	2.0 (0.53)
Number of cylinder		1
Bore x Stroke	mm (in)	59x45 (2.32x1.77)
Displacement	cc (Cu in)	123 (7.50)
Engine lubrication system		Trochoid pump
Starting system		Manual
Spark plug		NGK DCPR6E
Ignition timing	degree	BTDC0°- BTDC25°
Alternator output		(Option 12V 60W 5A)
Engine oil		API SF, SG, SH, SJ, SL or SM FCW 10W-30/40
Engine oil capacity	L (qt)	0.45 (0.47)
Fuel tank capacity	L (gal)	6BD: 1 (0.29) 6BS: 12 (3.17)
Speed control		Twist grip type
Gear reduction ratio		2.15 (13:28)
Emission Compliance		EU & EPA & CARB 3-Star

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight

(kg/lbs)

Model	Integral tank	Separate tank
Transom S:	26 (57)	25 (55)
Transom L:	27 (59)	26 (57)
Transom UL:	28 (61)	27 (59)

Dimensions

(mm/in)

Integral tank Model	A	B	C
Transom S:	1073 (42.2)	435 (17.1)	658 (25.9)
Transom L:	1200 (47.2)	562 (22.1)	758 (29.8)
Transom UL:	1327 (52.2)	689 (27.1)	858 (33.8)
Separate tank Model	A	B	C
Transom S:	1020 (40.2)	435 (17.1)	658 (25.9)
Transom L:	1147 (45.2)	562 (22.1)	758 (29.8)
Transom UL:	1274 (50.2)	689 (27.1)	858 (33.8)

Standard & Optional Equipments

Type	DS/DL/DUL	SS/SL/SUL
Electric Starter	-	-
Manual Recoil Starter	●	●
Decompression Release	●	●
Engine Stop Switch Lanyard	●	●
Alternator	○	○
Rectifier	○	○
Dual Tank Connector	●	-
Transom	15/20/25	15/20/25
Propeller	●	●
Analog Tachometer	-	-
Analog Trim Meter	-	-
Remote Control Box	-	-
12L Plastic Fuel Tank	-	●
1.3L In-tank	●	-
Tool Kit	●	●
Emergency Starter Rope	●	●
Spare Spark Plugs	●	●
Owners Manual	●	●

● Standard ○ Optional



1-Cylinder



Alternator (Option)



Charging System (Option)



Thermostat



Throttle Friction



Forward - Neutral - Reverse



Steering Friction Adjustment



High Solid Paint Coating



Light Weight

FOUR
STROKE

MFS5BD/S



Exceed the European
Union emission standards.



California C.A.R.B.
three star rating
for ultra-low emissions.

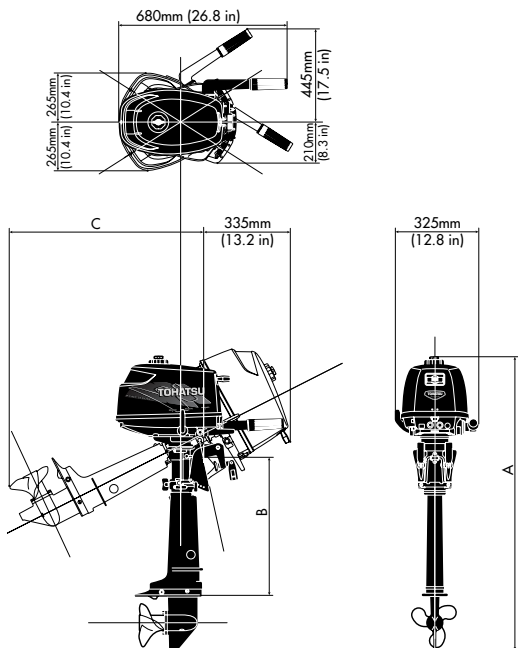
FOUR STROKE

Specifications

Type		Four Stroke
Maximum output	HP (KW)	5 (3.7)
Maximum operating range	rpm	4500-5500
Fuel consumption at W.O.T	L/Hr (gal/Hr)	1.7 (0.45)
Number of cylinder		1
Bore x Stroke	mm (in)	59x45 (2.32x1.77)
Displacement	cc (Cu in)	123 (7.50)
Engine lubrication system		Trochoid pump
Starting system		Manual
Spark plug		NGK DCPR6E
Ignition timing	degree	BTDC0°- BTDC25°
Alternator output		(Option 12V 60W 5A)
Engine oil		API SF, SG, SH, SJ, SL or SM FCW 10W-30/40
Engine oil capacity	L (qt)	0.45 (0.47)
Fuel tank capacity	L (gal)	5BD: 1 (0.29) 5BS: 12 (3.17)
Speed control		Twist grip type
Gear reduction ratio		2.15 (13:28)
Emission Compliance		EU & EPA & CARB 3-Star

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight (kg/lbs)

Model	Integral tank	Separate tank
Transom S:	26 (57)	25 (55)
Transom L:	27 (59)	26 (57)

Dimensions (mm/in)

Integral tank Model	A	B	C
Transom S:	1073 (42.2)	435 (17.1)	658 (25.9)
Transom L:	1200 (47.2)	562 (22.1)	758 (29.8)
Separate tank Model	A	B	C
Transom S:	1020 (40.2)	435 (17.1)	658 (25.9)
Transom L:	1147 (45.2)	562 (22.1)	758 (29.8)

Standard & Optional Equipments

Type	DS/DL	SS/SL
Electric Starter	-	-
Manual Recoil Starter	●	●
Decompression Release	●	●
Engine Stop Switch Lanyard	●	●
Alternator	○	○
Rectifier	○	○
Dual Tank Connector	●	-
Transom	15/20	15/20
Propeller	●	●
Analog Tachometer	-	-
Analog Trim Meter	-	-
Remote Control Box	-	-
12L Plastic Fuel Tank	●	●
1.3L In-tank	●	-
Tool Kit	●	●
Emergency Starter Rope	●	●
Spare Spark Plugs	●	●
Owners Manual	●	●

● Standard ○ Optional



1-Cylinder



Alternator (Option)



Charging System (Option)



Thermostat



Throttle Friction



Forward - Neutral - Reverse



Steering Friction Adjustment



High Solid Paint Coating



Light Weight

FOUR
STROKE

MFS4BD



Exceed the European
Union emission standards.



California C.A.R.B.
three star rating
for ultra-low emissions.

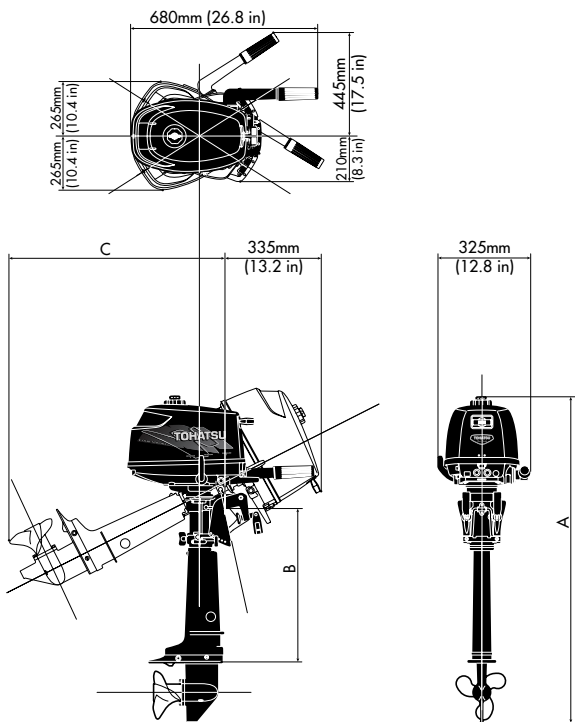
FOUR STROKE

Specifications

Type		Four Stroke
Maximum output	HP (KW)	4 (2.9)
Maximum operating range	rpm	4500-5500
Fuel consumption at W.O.T	L/Hr (gal/Hr)	1.5 (0.40)
Number of cylinder		1
Bore x Stroke	mm (in)	59x45 (2.32x1.77)
Displacement	cc (Cu in)	123 (7.50)
Compression pressure [Without De-comp.]	Kpa (kg/m ²)	290 (3.0) [780 (8.0)]
Engine lubrication system		Trochoid pump
Starting system		Manual
Spark plug		NGK DCPR6E
Ignition timing	degree	BTDC0°- BTDC25°
Alternator output		(Option 12V 60W 5A)
Engine oil		API SF, SG, SH, SJ, SL or SM FCW 10W-30/40
Engine oil capacity	L (qt)	0.45 (0.47)
Fuel tank capacity	L (gal)	1 (0.29)
Speed control		Twist grip type
Gear reduction ratio		2.15 (13:28)
Emission Compliance		EU & EPA & CARB 3-Star

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight (kg/lbs)

Model	
Transom S:	26 (57)
Transom L:	27 (59)

Dimensions (mm/in)

Model	A	B	C
Transom S:	1073 (42.2)	435 (17.1)	658 (25.9)
Transom L:	1200 (47.2)	562 (22.1)	758 (29.8)

Standard & Optional Equipments

Type	S/L
Electric Starter	-
Manual Recoil Starter	●
Decompression Release	●
Engine Stop Switch Lanyard	●
Alternator	○
Rectifier	○
Dual Tank Connector	●
Transom	15/20
Propeller	●
Analog Tachometer	-
Analog Trim Meter	-
Remote Control Box	-
12L Plastic Fuel Tank	○
1.3L In-tank	●
Tool Kit	●
Emergency Starter Rope	●
Spare Spark Plugs	●
Owners Manual	●

● Standard ○ Optional



1-Cylinder



Alternator
(Option)



Charging System
(Option)



Thermostat



Built-in Tank



Dual Fuel System
(Option)



Throttle Friction



Forward -
Neutral - Reverse



Steering Friction
Adjustment



High Solid Paint
Coating



Light Weight

FOUR
STROKE

MFS3.5A



Exceed the European
Union emission standards.



California C.A.R.B.
three star rating
for ultra-low emissions.

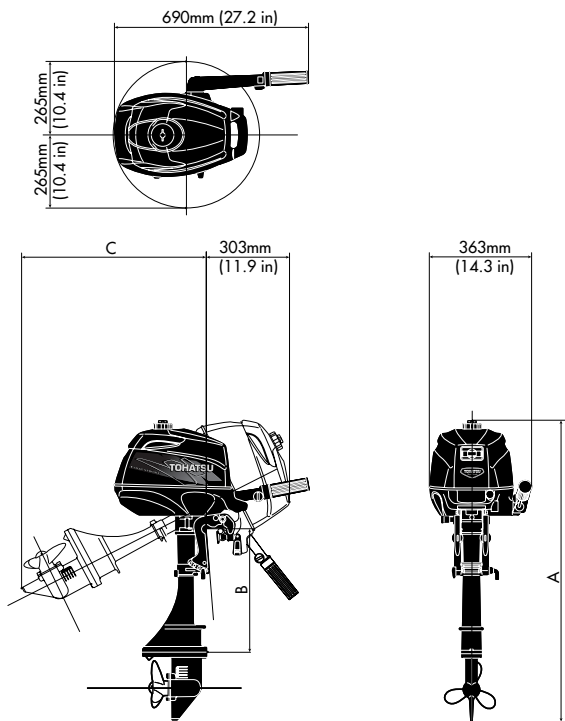
FOUR
STROKE

Specifications

Type		Four Stroke
Maximum output	HP (KW)	3.5 (2.6)
Maximum operating range	rpm	5000-6000
Fuel consumption at W.O.T	L/Hr (gal/Hr)	1.4 (0.37)
Number of cylinder		1
Bore x Stroke	mm (in)	55x36 (2.17x1.42)
Displacement	cc (Cu in)	86 (5.25)
Engine lubrication system		Splash
Starting system		Manual
Spark plug		NGK DCPR6E
Ignition timing	degree	BTDC0°- BTDC25°
Alternator output		-
Engine oil		API SF, SG, SH, SJ, SL or SM FCW 10W-30/40
Engine oil capacity	L (qt)	0.3 (0.32)
Fuel tank capacity	L (gal)	1 (0.26)
Speed control		Twist grip type
Gear reduction ratio		2.15 (13:28)
Emission Compliance		EU & EPA & CARB 3-Star

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight (kg/lbs)

Model	
Transom S:	18.4 (41)
Transom L:	19.4 (43)

Dimensions (mm/in)

Model	A	B	C
Transom S:	1026 (40.4)	435 (17.1)	628 (24.8)
Transom L:	1153 (45.4)	562 (22.1)	728 (28.7)

Standard & Optional Equipments

Type	S/L
Electric Starter	-
Manual Recoil Starter	●
Decompression Release	-
Engine Stop Switch Lanyard	●
Alternator	-
Transom	15/20
Propeller	●
Analog Tachometer	-
Analog Trim Meter	-
Remote Control Box	-
12L Plastic Fuel Tank	-
1L In-tank	●
Tool Kit	●
Emergency Starter Rope	●
Spare Spark Plugs	●
Owners Manual	●

● Standard ○ Optional



1-Cylinder



Built-in Tank



Throttle Friction



Forward - Neutral



Steering Friction Adjustment



360° Full Pivot Steering



High Solid Paint Coating



Light Weight

FOUR
STROKE

MFS2.5A



Exceed the European
Union emission standards.



California C.A.R.B.
three star rating
for ultra-low emissions.

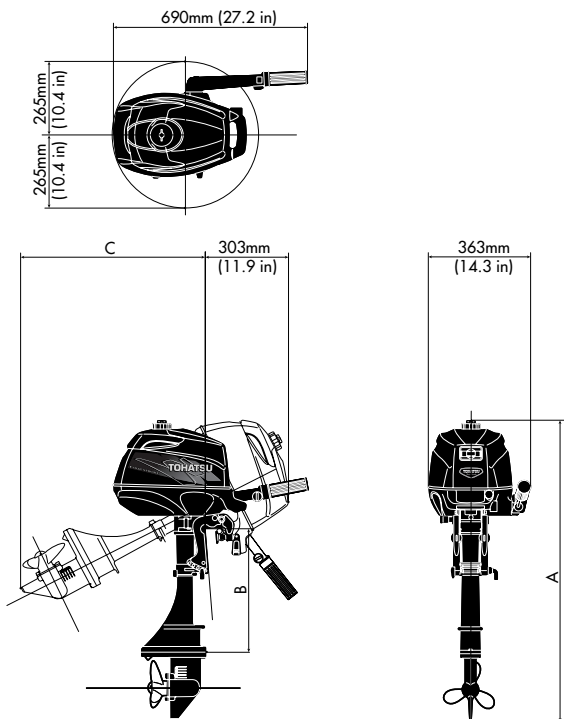
FOUR
STROKE

Specifications

Type		Four Stroke
Maximum output	HP (KW)	2.5 (1.8)
Maximum operating range	rpm	4500-5500
Fuel consumption at W.O.T	L/Hr (gal/Hr)	1.0 (0.26)
Number of cylinder		1
Bore x Stroke	mm (in)	55x36 (2.17x1.42)
Displacement	cc (Cu in)	86 (5.25)
Engine lubrication system		Splash
Starting system		Manual
Spark plug		NGK DCPR6E
Ignition timing	degree	BTDC0°- BTDC25°
Alternator output		-
Engine oil		API SF, SG, SH, SJ, SL or SM FCW 10W-30/40
Engine oil capacity	L (qt)	0.3 (0.32)
Fuel tank capacity	L (gal)	1 (0.26)
Speed control		Twist grip type
Gear reduction ratio		2.15 (13:28)
Emission Compliance		EU & EPA & CARB 3-Star

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight (kg/lbs)

Model	
Transom S:	18.4 (41)
Transom L:	19.4 (43)

Dimensions (mm/in)

Model	A	B	C
Transom S:	1026 (40.4)	435 (17.1)	628 (24.8)
Transom L:	1153 (45.4)	562 (22.1)	728 (28.7)

Standard & Optional Equipments

Type	S/L
Electric Starter	-
Manual Recoil Starter	●
Decompression Release	-
Engine Stop Switch Lanyard	●
Alternator	-
Transom	15/20
Propeller	●
Analog Tachometer	-
Analog Trim Meter	-
Remote Control Box	-
12L Plastic Fuel Tank	-
1L In-tank	●
Tool Kit	●
Emergency Starter Rope	●
Spare Spark Plugs	●
Owners Manual	●

● Standard ○ Optional



1-Cylinder



Built-in Tank



Throttle Friction



Forward - Neutral



Steering Friction Adjustment



360° Full Pivot Steering



High Solid Paint Coating



Light Weight

TWO STROKE

TWO
STROKE

M140A2



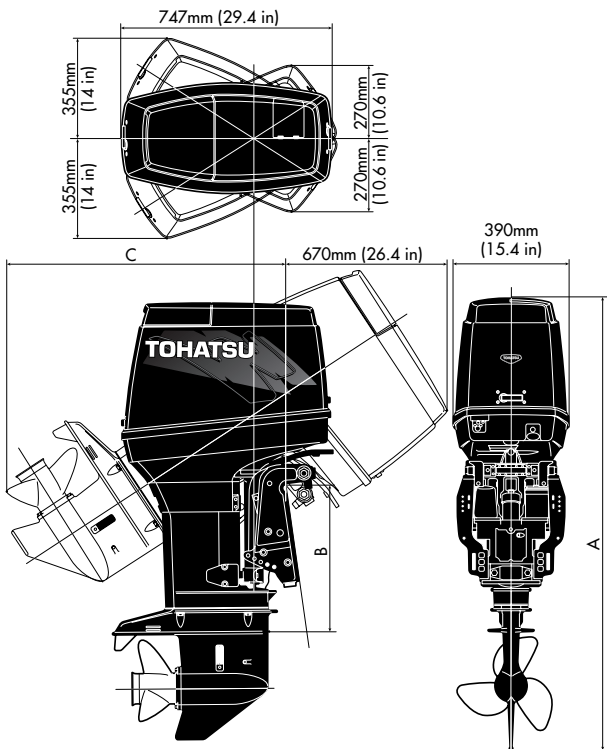
TWO
STROKE

Specifications

Type		Two Stroke
Maximum output	HP (KW)	140 (103.0)
Maximum operating range	rpm	5200-5700
Fuel consumption at W.O.T	L/Hr (gal/Hr)	58 (15.3)
Number of cylinder		4
Bore x Stroke	mm (in)	88x72.7 (3.46x2.86)
Displacement	cc (Cu in)	1768 (107.9)
Engine lubrication system		Auto Mixing
Starting system		Electric starter
Spark plug		NGK B8HS-10 or BR8HS-10
Ignition timing	degree	ATDC10°-BTDC20°
Alternator output		12V 330W 27.5A
Engine oil		Genuine recommended 2stroke engine oil (TCW-3)
Volume of engine oil tank	L (gal)	6 (1.6)
Fuel tank capacity	L (gal)	25 (6.6)
Speed control		Remote control
Gear reduction ratio		2.0 (13:26)

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight (kg/lbs)

Model	EPTO
Transom L:	164 (362)
Transom UL:	166.5 (367)

Dimensions (mm/in)

Model	A	B	C
Transom L:	1560 (61.4)	516 (20.3)	964 (38.0)
Transom UL:	1687 (66.4)	643 (25.3)	1064 (41.9)

Standard & Optional Equipments

Type	EPTOL/UL
Electric Starter	●
Engine Stop Switch Lanyard	●*
Alternator	●
Rectifier	●
Power Trim & Tilt	●
Oil Auto Mixing	●
Transom	20/25
Propeller	●
Digital Tachometer	●
Remote Control Box	●
25L Plastic Fuel Tank	●
Tool Kit	●
Emergency Starter Rope	●
Spare Spark Plugs	●
Owners Manual	●

● Standard ○ Optional

* Equip with the remote control box



4-Cylinder



Alternator



Charging System



Thermostat



Power Trim
& Tilt



Over-Heat
Buzzer



High Solid Paint
Coating

TWO
STROKE

M120A2



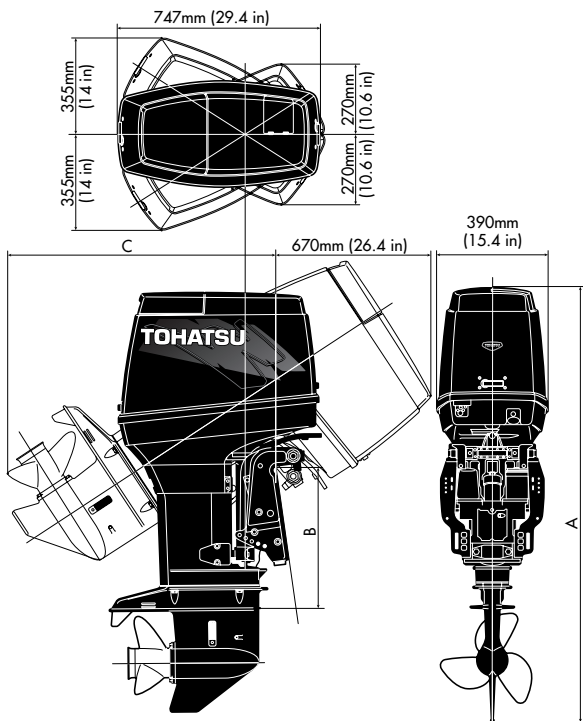
TWO
STROKE

Specifications

Type		Two Stroke
Maximum output	HP (KW)	120 (88.3)
Maximum operating range	rpm	5200-5700
Fuel consumption at W.O.T	L/Hr (gal/Hr)	50 (13.2)
Number of cylinder		4
Bore x Stroke	mm (in)	88x72.7 (3.46x2.86)
Displacement	cc (Cu in)	1768 (107.9)
Engine lubrication system		Auto Mixing
Starting system		Electric starter
Spark plug		NGK B8HS-10 or BR8HS-10
Ignition timing	degree	ATDC10°-BTDC17,5°
Alternator output		12V 330W 27.5A
Engine oil		Genuine recommended 2stroke engine oil (TCW-3)
Volume of engine oil tank	L (gal)	6 (1.6)
Fuel tank capacity	L (gal)	25 (6.6)
Speed control		Remote control
Gear reduction ratio		2.0 (13:26)

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight (kg/lbs)

Model	EPTO
Transom L:	164 (362)
Transom UL:	166.5 (367)

Dimensions

(mm/in)

Model	A	B	C
Transom L:	1560 (61.4)	516 (20.3)	964 (38.0)
Transom UL:	1687 (66.4)	643 (25.3)	1064 (41.9)

Standard & Optional Equipments

Type	EPTOL/UL
Electric Starter	●
Engine Stop Switch Lanyard	●*
Alternator	●
Rectifier	●
Power Trim & Tilt	●
Oil Auto Mixing	●
Transom	20/25
Propeller	●
Digital Tachometer	●
Remote Control Box	●
25L Plastic Fuel Tank	●
Tool Kit	●
Spare Spark Plugs	●
Owners Manual	●

● Standard ○ Optional

* Equip with the remote control box



4-Cylinder



Alternator



Charging System



Thermostat



Power Trim
& Tilt



Over-Heat
Buzzer



High Solid Paint
Coating

TWO
STROKE

M115A2



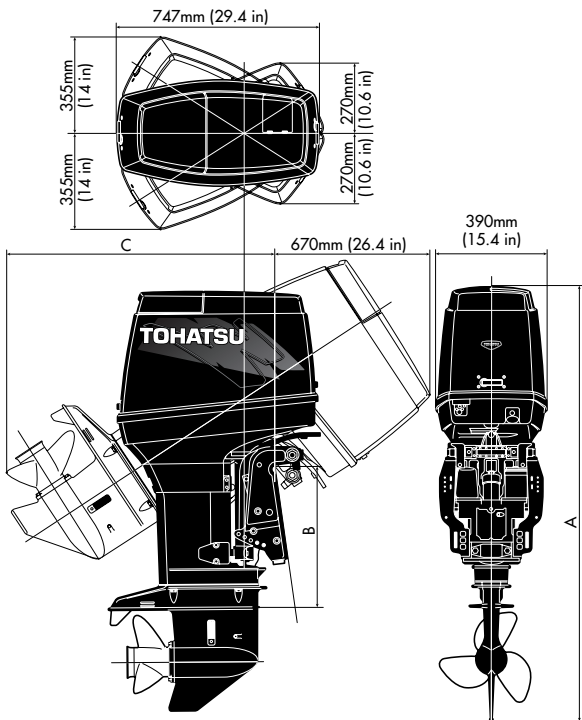
TWO
STROKE

Specifications

Type		Two Stroke
Maximum output	HP (KW)	115 (84.6)
Maximum operating range	rpm	5200-5700
Fuel consumption at W.O.T	L/Hr (gal/Hr)	50 (13.2)
Number of cylinder		4
Bore x Stroke	mm (in)	88x72.7 (3.46x2.86)
Displacement	cc (Cu in)	1768 (107.9)
Engine lubrication system		Auto Mixing
Starting system		Electric starter
Spark plug		NGK B8HS-10 or BR8HS-10
Ignition timing	degree	ATDC10°-BTDC17,5°
Alternator output		12V 330W 27.5A
Engine oil		Genuine recommended 2stroke engine oil (TCW-3)
Volume of engine oil tank	L (gal)	6 (1.6)
Fuel tank capacity	L (gal)	25 (6.6)
Speed control		Remote control
Gear reduction ratio		2.0 (13:26)

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight (kg/lbs)

Model	EPEPT00
Transom L:	164 (362)
Transom UL:	166.5 (367)

Dimensions

(mm/in)

Model	A	B	C
Transom L:	1560 (61.4)	516 (20.3)	964 (38.0)
Transom UL:	1687 (66.4)	643 (25.3)	1064 (41.9)

Standard & Optional Equipments

Type	EPTOL/UL
Electric Starter	●
Engine Stop Switch Lanyard	●*
Alternator	●
Rectifier	●
Power Trim & Tilt	●
Oil Auto Mixing	●
Transom	20/25
Propeller	●
Digital Tachometer	●
Remote Control Box	●
25L Plastic Fuel Tank	●
Tool Kit	●
Spare Spark Plugs	●
Owners Manual	●

● Standard ○ Optional

* Equip with the remote control box



4-Cylinder



Alternator



Charging System



Thermostat



Power Trim
& Tilt



Over-Heat
Buzzer



High Solid Paint
Coating

TWO
STROKE

M90A



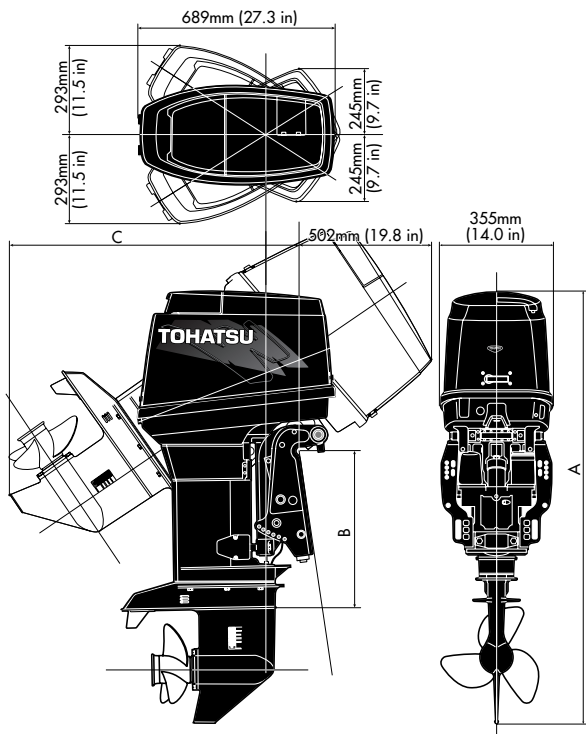
TWO
STROKE

Specifications

Type		Two Stroke
Maximum output	HP (KW)	90 (66)
Maximum operating range	rpm	5000-5500
Fuel consumption at W.O.T	L/Hr (gal/Hr)	36 (9.5)
Number of cylinder		3
Bore x Stroke	mm (in)	86x72.7 (3.39x2.86)
Displacement	cc (Cu in)	1267 (77.3)
Engine lubrication system		Auto Mixing
Starting system		Electric starter
Spark plug		NGK B8HS-10 or BR8HS-10
Ignition timing	degree	ATDC5°-BTDC20°
Alternator output		12V 130W 11A
Engine oil		Genuine recommended 2stroke engine oil (TCW-3)
Volume of engine oil tank	L (gal)	3.5 (0.92)
Fuel tank capacity	L (gal)	25 (6.6)
Speed control		Twist grip type or Remote control
Gear reduction ratio		2.0 (13:26)

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight (kg/lbs)

Model	EFTO	EPTO
Transom L:	-	135 (298)
Transom UL:	137.5 (303)	137.5 (303)

Dimensions (mm/in)

Model	A	B	C
Transom L:	1435 (56.5)	516 (20.3)	964 (38.0)
Transom UL:	1562 (61.5)	643 (25.3)	1064 (41.9)

Standard & Optional Equipments

Type	EFTOUL	EPTOL/UL
Electric Starter	●	●
Engine Stop Switch Lanyard	●	●*
Alternator	●	●
Rectifier	●	●
Power Trim & Tilt	●	●
Oil Auto Mixing	●	●
Transom	25	20/25
Chrome Plated Water Pump Housing	●	●
Propeller	●	●
Analog Tachometer	○	●
Analog Trim Meter	-	●
Remote Control Box	-	●
25L Plastic Fuel Tank	●	●
Tool Kit	●	●
Emergency Starter Rope	●	●
Spare Spark Plugs	●	●
Owners Manual	●	●

● Standard ○ Optional

* Equip with the remote control box



3-Cylinder



Alternator



Charging System



Thermostat



Throttle Friction



Power Trim & Tilt



Chromed Pump Case Liner and Chromed Guide Plate



Over-Heat Buzzer



High Solid Paint Coating

TWO
STROKE

M70C



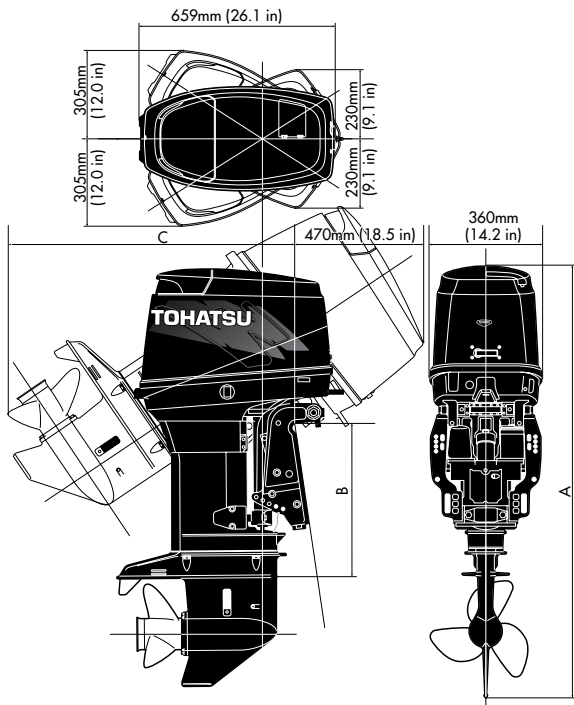
TWO
STROKE

Specifications

Type		Two Stroke
Maximum output	HP (KW)	70 (51.5)
Maximum operating range	rpm	5150-5850
Fuel consumption at W.O.T	L/Hr (gal/Hr)	28 (7.4)
Number of cylinder		3
Bore x Stroke	mm (in)	74x72.7 (2.91x2.86)
Displacement	cc (Cu in)	938 (57.23)
Engine lubrication system		Premixed Fuel or Auto Mixing
Starting system		Manual or Electric starter
Spark plug		NGK B8HS-10 or BR8HS-10
Ignition timing	degree	ATDC5°-BTDC20°
Alternator output		12V 130W 11A
Engine oil		Genuine recommended 2stroke engine oil (TCW-3)
Volume of engine oil tank	L (gal)	Certain model:2.6 (0.69)
Fuel tank capacity	L (gal)	25 (6.6)
Speed control		Twist grip type or Remote control
Gear reduction ratio		2.33 (12:28)

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight

(kg/lbs)

Model	MFG	EFO	EFTO	EPO	EPTO
Transom L:	105.5 (233)	108 (238)	120 (265)	103 (227)	115 (254)
Transom UL:	108 (238)	-	-	-	117.5 (259)

Dimensions

(mm/in)

MFG Model	A	B	C
Transom L:	1455 (57.3)	517 (20.4)	970 (38.2)
Transom UL:	1582 (62.3)	644 (25.4)	1070 (42.1)

EFO EFTO EPO EPTO Model	A	B	C
Transom L:	1428 (56.2)	517 (20.4)	970 (38.2)
Transom UL:	1555 (61.2)	644 (25.4)	1070 (42.1)

Standard & Optional Equipments

Type	EFOL	EPOL	EFTOL	EPTOL/UL	MFGL/UL
Electric Starter	●	●	●	●	-
Manual Recoil Starter	-	-	-	-	●
Engine Stop Switch Lanyard	●	●*	●	●*	●
Alternator	●	●	●	●	○
Rectifier	●	●	●	●	○
Power Trim & Tilt	-	-	●	●	-
Gas Assist Tilt	-	-	-	-	●
Oil Auto Mixing	●	●	●	●	-
Transom	20	20	20	20/25	20/25
Chrome Plated Water Pump Housing	●	●	●	●	●
Propeller	●	●	●	●	●
Analog Tachometer	○	●	○	●	○
Analog Trim Meter	-	-	-	●	-
Remote Control Box	-	●	-	●	-
25L Plastic Fuel Tank	●	●	●	●	●
Tool Kit	●	●	●	●	●
Emergency Starter Rope	●	●	●	●	●
Spare Spark Plugs	●	●	●	●	●
Owners Manual	●	●	●	●	●

● Standard ○ Optional

* Equip with the remote control box



3-Cylinder



Alternator



Charging System



Thermostat



Throttle Friction



Steering Friction Adjustment



Power Trim & Tilt



Gas Assist Tilt (Gas Assist Tilt Model)



Chromed Pump Case Liner and Chromed Guide Plate



Over-Heat Buzzer



High Solid Paint Coating

TWO
STROKE

M60C



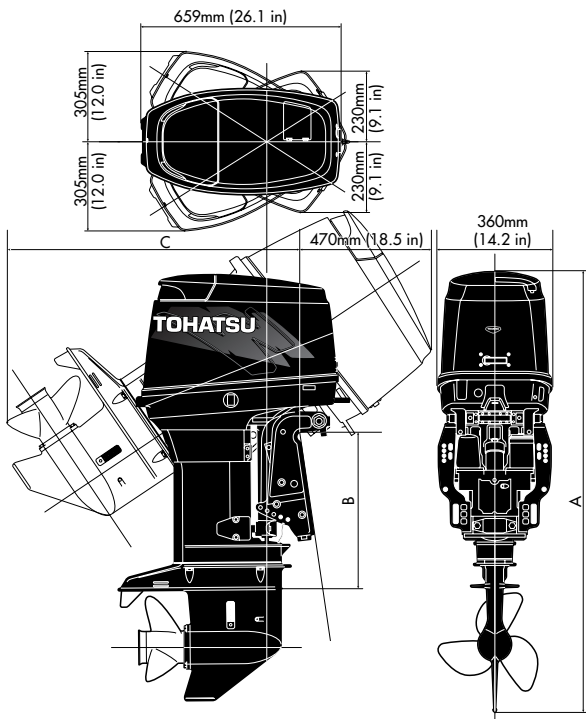
TWO
STROKE

Specifications

Type		Two Stroke
Maximum output	HP (KW)	60 (44.1)
Maximum operating range	rpm	5150-5850
Fuel consumption at W.O.T	L/Hr (gal/Hr)	24 (6.3)
Number of cylinder		3
Bore x Stroke	mm (in)	74x72.7 (2.91x2.86)
Displacement	cc (Cu in)	938 (57.23)
Engine lubrication system		Auto Mixing
Starting system		Electric starter
Spark plug		NGK B8HS-10 or BR8HS-10
Ignition timing	degree	ATDC3°-BTDC17.5°
Alternator output		12V 130W 11A
Engine oil		Genuine recommended 2stroke engine oil (TCW-3)
Volume of engine oil tank	L (gal)	2.6 (0.69)
Fuel tank capacity	L (gal)	25 (6.6)
Speed control		Twist grip type or Remote control
Gear reduction ratio		2.33 (12:28)

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight (kg/lbs)

Model	EFO	EFTO	EPO	EPTO
Transom L:	108 (238)	120 (265)	103 (227)	115 (254)

Dimensions (mm/in)

Model	A	B	C
Transom L:	1428 (56.2)	517 (20.4)	970 (38.2)

Standard & Optional Equipments

Type	EFOL	EPOL	EFTOL	EPTOL
Electric Starter	●	●	●	●
Engine Stop Switch Lanyard	●	●*	●	●*
Alternator	●	●	●	●
Rectifier	●	●	●	●
Power Trim & Tilt	-	-	●	●
Gas Assist Tilt	-	-	-	-
Oil Auto Mixing	●	●	●	●
Transom	20	20	20	20
Chrome Plated Water Pump Housing	●	●	●	●
Propeller	●	●	●	●
Analog Tachometer	○	●	○	●
Analog Trim Meter	-	-	-	●
Remote Control Box	-	●	-	●
25L Plastic Fuel Tank	●	●	●	●
Tool Kit	●	●	●	●
Emergency Starter Rope	●	●	●	●
Spare Spark Plugs	●	●	●	●
Owners Manual	●	●	●	●

● Standard ○ Optional

* Equip with the remote control box



3-Cylinder



Alternator



Charging System



Thermostat



Throttle Friction



Steering Friction Adjustment



Power Trim & Tilt



Chromed Pump Case Liner and Chromed Guide Plate



Over-Heat Buzzer



High Solid Paint Coating

TWO
STROKE

MW50D₂



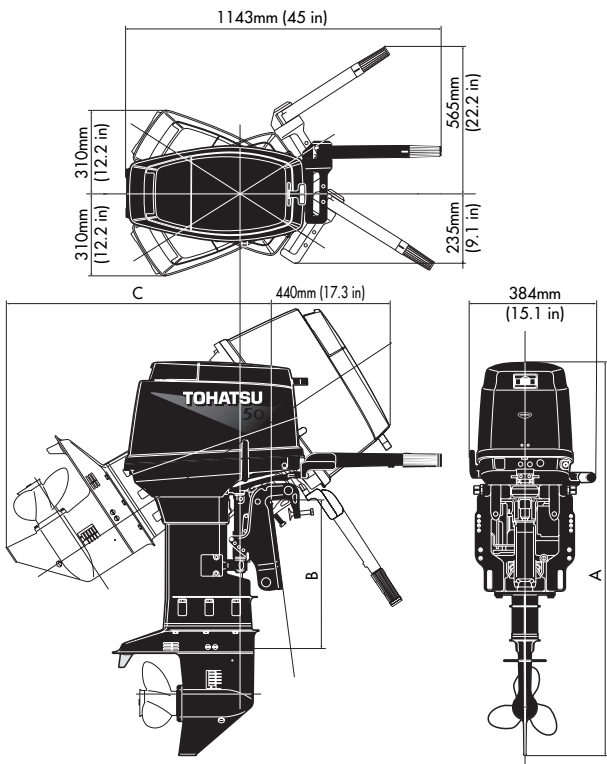
TWO
STROKE

Specifications

Type		Two Stroke
Maximum output	HP (KW)	50 (36.8)
Maximum operating range	rpm	5150-5850
Fuel consumption at W.O.T	L/Hr (gal/Hr)	21 (5.55)
Number of cylinder		3
Bore x Stroke	mm (in)	68x64 (2.68x2.52)
Displacement	cc (Cu in)	697 (42.53)
Engine lubrication system		Premixed Fuel or Auto Mixing
Starting system		Manual or Electric starter
Spark plug		NGK B8HS-10 or BR8HS-10
Ignition timing	degree	ATDC3°-BTDC24°
Alternator output		12V 130W 11A
Engine oil		Genuine recommended 2stroke engine oil (TCW-3)
Volume of engine oil tank	L (gal)	Certain Model:2 (0.53)
Fuel tank capacity	L (gal)	25 (6.6)
Speed control		Twist grip type or Remote control
Gear reduction ratio		1.92 (12:23)

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight (kg/lbs)

Model	F	EPO	EPT
Transom L:	79 (174)	81.5 (180)	84 (185)

Dimensions (mm/in)

F Model	A	B	C
Transom L:	1435 (55.6)	550 (21.7)	973 (38.3)
EPO Model	A	B	C
Transom L:	1410 (55.1)	550 (21.7)	973 (38.3)

Standard & Optional Equipments

Type	L	EPOL
Electric Starter	-	●
Manual Recoil Starter	●	-
Engine Stop Switch Lanyard	●	●*
Alternator	●	●
Rectifier	○	●
Power Trim & Tilt	-	-
Gas Assist Tilt	-	-
Oil Auto Mixing	-	●
Oil Pre-Mixing	●	-
Transom	20	20
Chrome Plated Water Pump Housing	●	●
Propeller	●	●
Analog Tachometer	○	●
Analog Trim Meter	-	-
Remote Control Box	-	●
25L Plastic Fuel Tank	●	●
Tool Kit	●	●
Emergency Starter Rope	●	●
Spare Spark Plugs	●	●
Owners Manual	●	●

● Standard ○ Optional

* Equip with the remote control box



3-Cylinder



Alternator



**Charging System
(Electric Model)**



Thermostat



Throttle Friction



**Forward -
Neutral - Reverse**



**Steering Friction
Adjustment**



**Chromed Pump Case
Liner and Chromed
Guide Plate**



**Strong Lower
Unit**



**Over-Heat
Buzzer (Option)**



**High Solid Paint
Coating**

TWO
STROKE

M50D2



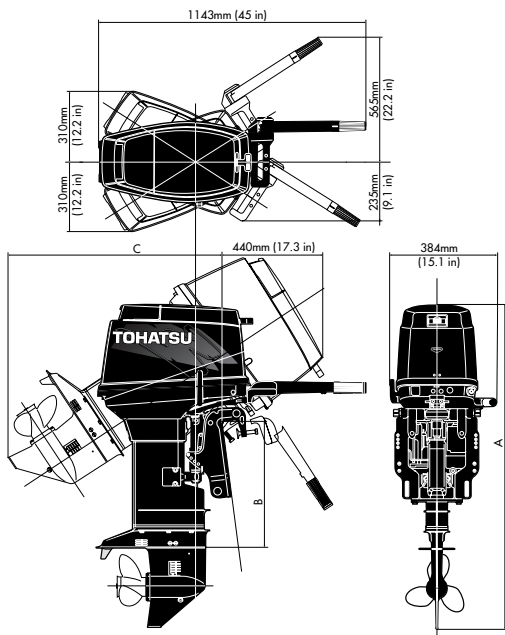
TWO
STROKE

Specifications

Type		Two Stroke
Maximum output	HP (KW)	50 (36.8)
Maximum operating range	rpm	5150-5850
Fuel consumption at W.O.T	L/Hr (gal/Hr)	21 (5.55)
Number of cylinder		3
Bore x Stroke	mm (in)	68x64 (2.68x2.52)
Displacement	cc (Cu in)	697 (42.53)
Engine lubrication system		Premixed Fuel or Auto Mixing
Starting system		Manual or Electric starter
Spark plug		NGK B8HS-10 or BR8HS-10
Ignition timing	degree	ATDC3°-BTDC24°
Alternator output		12V 130W 11A
Engine oil		Genuine recommended 2stroke engine oil (TCW-3)
Volume of engine oil tank	L (gal)	Certain Model:2 (0.53)
Fuel tank capacity	L (gal)	25 (6.6)
Speed control		Twist grip type or Remote control
Gear reduction ratio		1.85 (13:24)

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight

(kg/lbs)

Model	MF	EF	EFO	EFTO	EPO	EPTO
Transom S:	72 (159)	-	-	-	74.5 (164)	85.5 (188)
Transom L:	73.5 (162)	78.5 (173)	80 (176)	91 (201)	76 (168)	87 (192)
Transom LL:	74 (163)	-	-	-	-	-
Transom UL:	75 (165)	-	-	-	-	-

Dimensions

(mm/in)

MF EF EFO EFTO Model	A	B	C
Transom S:	1225 (48.2)	403 (15.9)	789 (31.1)
Transom L:	1352 (53.2)	530 (20.9)	901 (35.5)
Transom LL:	1427 (56.1)	605 (23.9)	957 (37.8)
Transom UL:	1479 (58.2)	657 (25.9)	1013 (40.0)

EPO EPTO Model	A	B	C
Transom S:	1212 (47.7)	403 (15.9)	789 (31.1)
Transom L:	1339 (52.7)	530 (20.9)	901 (35.5)

Standard & Optional Equipments

Type	S/L/ LL/UL	EFL	EFOL	EPOS/L	EFTOL	EPTOS/L
Electric Starter	-	●	●	●	●	●
Manual Starter	●	●	●	-	●	-
Engine Stop Switch Lanyard	●	●	●	●*	●	●*
Alternator	●	●	●	●	●	●
Rectifier	○	●	●	●	●	●
Power Trim & Tilt	-	-	-	-	●	●
Gas Assist Tilt	-	-	-	-	-	-
Oil Auto Mixing	-	-	●	●	●	●
Oil Pre-Mixing	●	●	-	-	-	-
Transom	15/20/ 22/25	20	20	15/20	20	15/20
Propeller	●	●	●	●	●	●
Analog Tachometer	○	○	○	●	○	●
Analog Trim Meter	-	-	-	-	-	●
Remote Control Box	-	-	-	●	-	●
25L Plastic Fuel Tank	●	●	●	●	●	●
Tool Kit	●	●	●	●	●	●
Emergency Starter Rope	●	●	●	●	●	●
Spare Spark Plugs	●	●	●	●	●	●
Owners Manual	●	●	●	●	●	●

● Standard ○ Optional

* Equip with the remote control box



3-Cylinder



Alternator



**Charging System
(Electric Model)**



Thermostat



Throttle Friction



**Forward -
Neutral - Reverse**



**Steering Friction
Adjustment**



**Power Trim
& Tilt**



**Over-Heat
Buzzer (Option)**



**High Solid Paint
Coating**

TWO
STROKE

M40D₂



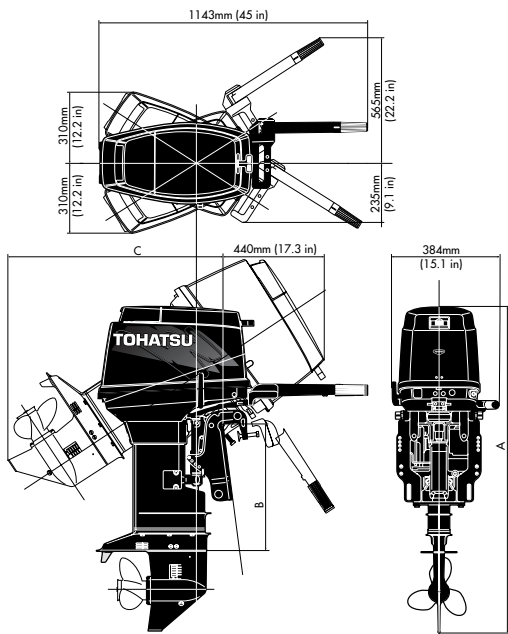
TWO
STROKE

Specifications

Type		Two Stroke
Maximum output	HP (KW)	40 (29.4)
Maximum operating range	rpm	5000-5700
Fuel consumption at W.O.T	L/Hr (gal/Hr)	17 (4.49)
Number of cylinder		3
Bore x Stroke	mm (in)	68x64 (2.68x2.52)
Displacement	cc (Cu in)	697 (42.53)
Engine lubrication system		Premixed Fuel or Auto Mixing
Starting system		Manual or Electric starter
Spark plug		NGK B7HS-10 or BR7HS-10
Ignition timing	degree	ATDC3°-BTDC18°
Alternator output		12V 130W 11A
Engine oil		Genuine recommended 2stroke engine oil (TCW-3)
Volume of engine oil tank	L (gal)	Certain Model:2 (0.53)
Fuel tank capacity	L (gal)	25 (6.6)
Speed control		Twist grip type or Remote control
Gear reduction ratio		1.85 (13:24)

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight

(kg/lbs)

Model	MF	EF	EFO	EFTO	EPO	EPTO
Transom S:	72 (159)	-	-	-	74.5 (164)	85.5 (188)
Transom L:	73.5 (162)	78.5 (173)	80 (176)	91 (201)	76 (168)	87 (192)
Transom LL:	74 (163)	-	-	-	-	-
Transom UL:	75 (165)	-	-	-	-	-

Dimensions

(mm/in)

MF EF EFO EFTO Model	A	B	C
Transom S:	1225 (48.2)	403 (15.9)	789 (31.1)
Transom L:	1352 (53.2)	530 (20.9)	901 (35.5)
Transom LL:	1427 (56.1)	605 (23.9)	957 (37.8)
Transom UL:	1479 (58.2)	657 (25.9)	1013 (40.0)

EPO EPTO Model	A	B	C
Transom S:	1212 (47.7)	403 (15.9)	789 (31.1)
Transom L:	1339 (52.7)	530 (20.9)	901 (35.5)

Standard & Optional Equipments

Type	S/L/ LL/UL	EFL	EFOL	EPOS/L	EFTOL	EPTOS/L
Electric Starter	-	●	●	●	●	●
Manual Starter	●	●	●	-	●	-
Engine Stop Switch Lanyard	●	●	●	●*	●	●*
Alternator	●	●	●	●	●	●
Rectifier	○	●	●	●	●	●
Power Trim & Tilt	-	-	-	-	●	●
Gas Assist Tilt	-	-	-	-	-	-
Oil Auto Mixing	-	-	●	●	●	●
Oil Pre-Mixing	●	●	-	-	-	-
Transom	15/20/ 22/25	20	20	15/20	20	15/20
Propeller	●	●	●	●	●	●
Analog Tachometer	○	○	○	●	○	●
Analog Trim Meter	-	-	-	-	-	●
Remote Control Box	-	-	-	●	-	●
25L Plastic Fuel Tank	●	●	●	●	●	●
Tool Kit	●	●	●	●	●	●
Emergency Starter Rope	●	●	●	●	●	●
Spare Spark Plugs	●	●	●	●	●	●
Owners Manual	●	●	●	●	●	●

● Standard ○ Optional

* Equip with the remote control box



3-Cylinder



**Alternator
(Electric Model)**



**Charging System
(Electric Model)**



Thermostat



Throttle Friction



**Forward -
Neutral - Reverse**



**Steering Friction
Adjustment**



**Power Trim
& Tilt**



**Over-Heat
Buzzer (Option)**



**High Solid Paint
Coating**

TWO
STROKE

M40C



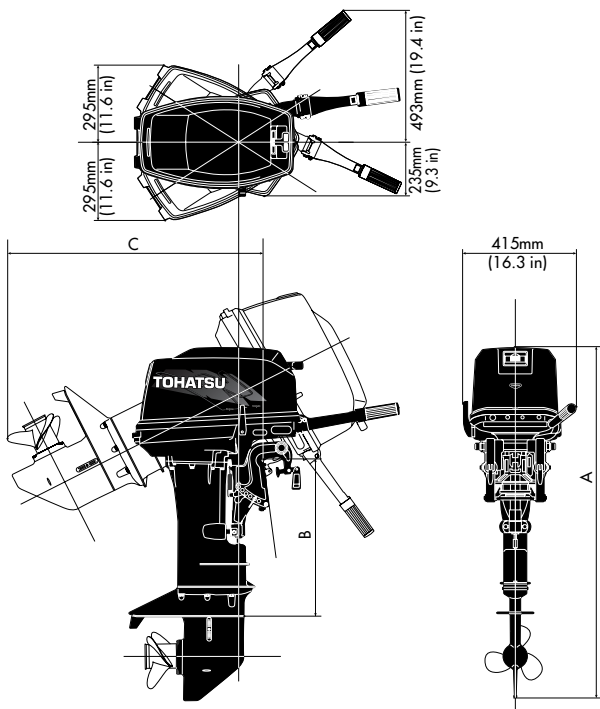
TWO
STROKE

Specifications

Type		Two Stroke
Maximum output	HP (KW)	40 (29.4)
Maximum operating range	rpm	5200-5800
Fuel consumption at W.O.T	L/Hr (gal/Hr)	17 (4.49)
Number of cylinder		2
Bore x Stroke	mm (in)	70x64 (2.76x2.52)
Displacement	cc (Cu in)	493 (30.08)
Engine lubrication system		Premixed Fuel
Starting system		Manual or Electric starter
Spark plug		NGK B7HS-10 or BR7HS-10
Ignition timing	degree	ATDC2°-BTDC25°
Alternator output		12V 80W 7A
Engine oil		Genuine recommended 2stroke engine oil (TCW-3)
Volume of engine oil tank	L (gal)	-
Fuel tank capacity	L (gal)	25 (6.6)
Speed control		Twist grip type or Remote control
Gear reduction ratio		1.92 (13:25)

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight (kg/lbs)

Model	EF	EP
Transom S:	-	60.5 (133)
Transom L:	63.5 (140)	62 (137)

Dimensions (mm/in)

Model	A	B	C
Transom S:	1118 (44.0)	435 (17.1)	758 (29.8)
Transom L:	1245 (49.0)	562 (22.1)	858 (33.8)

Standard & Optional Equipments

Type	S/L	EFL	EPS/L
Electric Starter	-	●	●
Manual Starter	●	●	●
Engine Stop Switch Lanyard	●	●	●
Alternator	●	●	●
Rectifier	○	●	●
Oil Pre-Mixing	●	●	●
Transom	15/20	20	15/20
Propeller	●	●	●
Analog Tachometer	○	○	○
Analog Trim Meter	-	-	-
Remote Control Box	-	-	●
25L Plastic Fuel Tank	●	●	●
Tool Kit	●	●	●
Emergency Starter Rope	●	●	●
Spare Spark Plugs	●	●	●
Owners Manual	●	●	●

● Standard ○ Optional



2-Cylinder



Alternator



Charging System
(Electric Model)



Thermostat



Manual Start
Back-Up



Forward -
Neutral - Reverse



Steering Friction
Adjustment



High Solid Paint
Coating

TWO
STROKE

M30A4



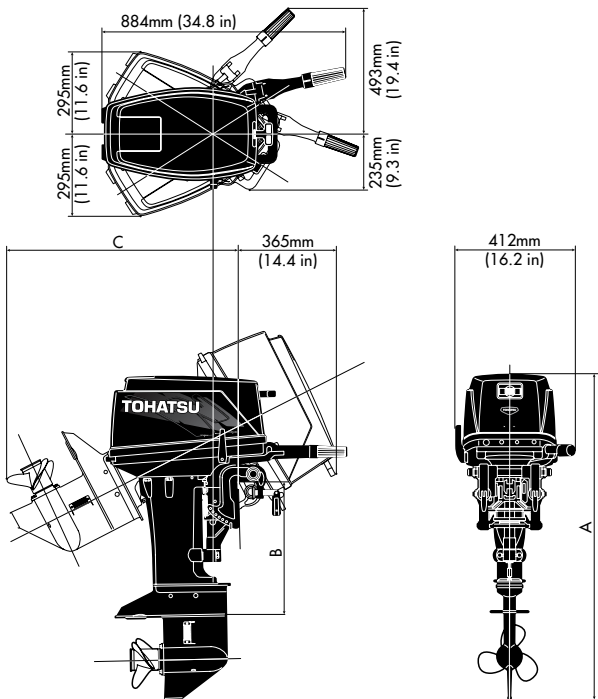
TWO
STROKE

Specifications

Type		Two Stroke
Maximum output	HP (KW)	30 (22.1)
Maximum operating range	rpm	5150-5850
Fuel consumption at W.O.T	L/Hr (gal/Hr)	13 (3.43)
Number of cylinder		2
Bore x Stroke	mm (in)	68x59 (2.68x2.32)
Displacement	cc (Cu in)	429 (26.16)
Engine lubrication system		Premixed Fuel
Starting system		Manual or Electric starter
Spark plug		NGK B7HS-10 or BR7HS-10
Ignition timing	degree	ATDC4°-BTDC25°
Alternator output		12V 80W 7A
Engine oil		Genuine recommended 2stroke engine oil (TCW-3)
Volume of engine oil tank	L (gal)	-
Fuel tank capacity	L (gal)	25 (6.6)
Speed control		Twist grip type or Remote control
Gear reduction ratio		1.92 (12:23)

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight (kg/lbs)

Model	EF	EP
Transom S:	51 (112)	54 (119)
Transom L:	52.5 (116)	55.5 (122)
Transom UL:	-	-

Dimensions (mm/in)

Model	A	B	C
Transom S:	1116 (43.9)	435 (17.1)	758 (29.8)
Transom L:	1243 (48.9)	562 (22.1)	858 (33.8)
Transom UL:	1370 (53.9)	689 (27.1)	958 (37.7)

Standard & Optional Equipments

Type	S/L/UL	EFS/EFL	EPS/L
Electric Starter	-	●	●
Manual Starter	●	●	●
Engine Stop Switch Lanyard	●	●	●
Alternator	●	●	●
Rectifier	○	●	●
Oil Pre-Mixing	●	●	●
Transom	15/20/25	15/20	15/20
Propeller	●	●	●
Analog Tachometer	○	○	○
Analog Trim Meter	-	-	-
Remote Control Box	-	-	●
25L Plastic Fuel Tank	●	●	●
Tool Kit	●	●	●
Emergency Starter Rope	●	●	●
Spare Spark Plugs	●	●	●
Owners Manual	●	●	●

● Standard ○ Optional



2-Cylinder



Alternator



Charging System
(Electric Model)



Thermostat



Manual Start
Back-Up



Forward -
Neutral - Reverse



Steering Friction
Adjustment



High Solid Paint
Coating

TWO
STROKE

M25C₃ *JetDrive*



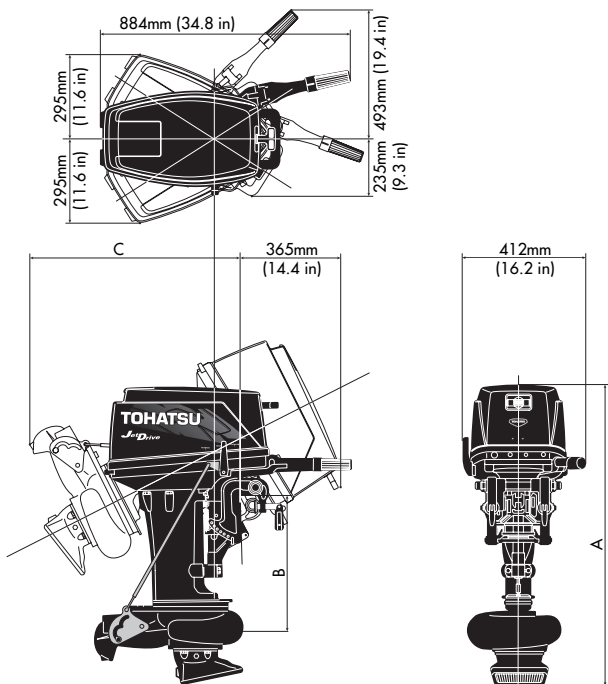
TWO
STROKE

Specifications

Type		Two Stroke
Maximum output	HP (KW)	Jet Power L: 25 (18.4) HP L: 30 (22.1)
Maximum operating range	rpm	5200-5600
Fuel consumption at W.O.T	L/Hr (gal/Hr)	13
Number of cylinder		2
Bore x Stroke	mm (in)	68x59 (2.7x2.36)
Displacement	cc (Cu in)	429 (26.16)
Engine lubrication system		Premixed Fuel
Starting system		Manual (Option: Electric starter)
Spark plug		NGK B7HS-10
Ignition timing	degree	ATDC4°-BTDC25°
Alternator output		12V 80W 7A
Engine oil		Genuine recommended 2stroke engine oil (TCW-3)
Volume of engine oil tank	L (gal)	-
Fuel tank capacity	L (gal)	25 (6.6)
Speed control		Twist grip type
Gear reduction ratio		1

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight (kg/lbs)

Model	
Transom L:	59 (130)

Dimensions

(mm/in)

Model	A	B	C
Transom L:	988 (38.9)	555 (21.9)	630 (24.9)

Standard & Optional Equipments

Type	JET DRIVE (Two-Stroke)
Electric Starter	○
Manual Starter	●
Engine Stop Switch Lanyard	●
Alternator	●
Rectifier	○
Oil Pre-Mixing	●
Transom	20
Propeller	-
Analog Tachometer	○
Analog Trim Meter	-
Remote Control Box	-
25L Plastic Fuel Tank	●
Tool Kit	●
Emergency Starter Rope	●
Spare Spark Plugs	●
Owners Manual	●

● Standard ○ Optional



2-Cylinder



Alternator



Charging System
(Optional)



Thermostat



Forward -
Neutral - Reverse



Steering Friction
Adjustment



High Solid Paint
Coating

TWO
STROKE

M25C₃



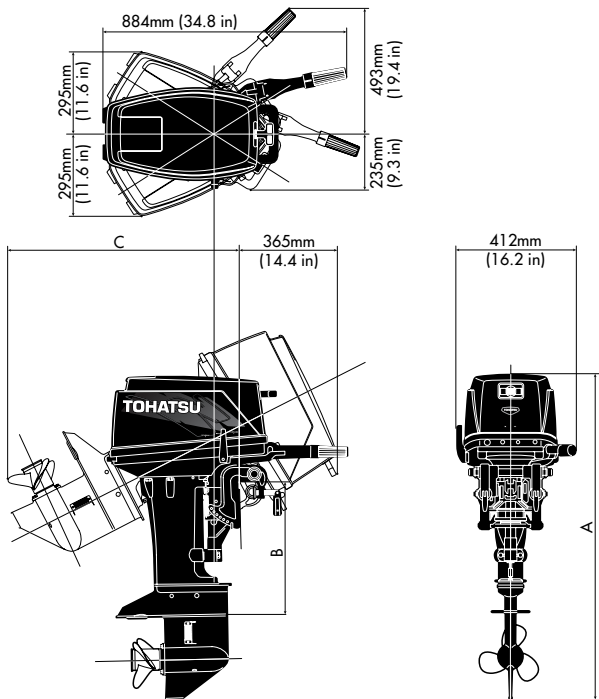
TWO
STROKE

Specifications

Type		Two Stroke
Maximum output	HP (KW)	25 (18.4)
Maximum operating range	rpm	5000-6000
Fuel consumption at W.O.T	L/Hr (gal/Hr)	12 (3.17)
Number of cylinder		2
Bore x Stroke	mm (in)	68x59 (2.68x2.32)
Displacement	cc (Cu in)	429 (26.16)
Engine lubrication system		Premixed Fuel
Starting system		Manual or Electric starter
Spark plug		NGK B7HS-10 or BR7HS-10
Ignition timing	degree	ATDC4°-BTDC25°
Alternator output		12V 80W 7A
Engine oil		Genuine recommended 2stroke engine oil (TCW-3)
Volume of engine oil tank	L (gal)	-
Fuel tank capacity	L (gal)	25 (6.6)
Speed control		Twist grip type or Remote control
Gear reduction ratio		1.92 (12:23)

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight

(kg/lbs)

Model	EF		EP
Transom S:	51 (112)	55 (121)	54 (119)
Transom L:	52.5 (116)	56.5 (125)	55.5 (122)
Transom UL:	54 (119)	-	-

Dimensions

(mm/in)

Model	A	B	C
Transom S:	1116 (43.9)	435 (17.1)	758 (29.8)
Transom L:	1243 (48.9)	562 (22.1)	858 (33.8)
Transom UL:	1370 (53.9)	689 (27.1)	958 (37.7)

Standard & Optional Equipments

Type	S/L/UL	EFS/L	EPS/L
Electric Starter	-	●	●
Manual Starter	●	●	●
Engine Stop Switch Lanyard	●	●	●
Alternator	●	●	●
Rectifier	○	●	●
Oil Pre-Mixing	●	●	●
Transom	15/20/25	20	15/20
Propeller	●	●	●
Analog Tachometer	○	○	○
Analog Trim Meter	-	-	-
Remote Control Box	-	-	●
25L Plastic Fuel Tank	●	●	●
Tool Kit	●	●	●
Emergency Starter Rope	●	●	●
Spare Spark Plugs	●	●	●
Owners Manual	●	●	●

● Standard ○ Optional



2-Cylinder



Alternator



Charging System
(Electric Model)



Thermostat



Manual Start
Back-Up



Forward -
Neutral - Reverse



Steering Friction
Adjustment



High Solid Paint
Coating

TWO
STROKE

M18E2



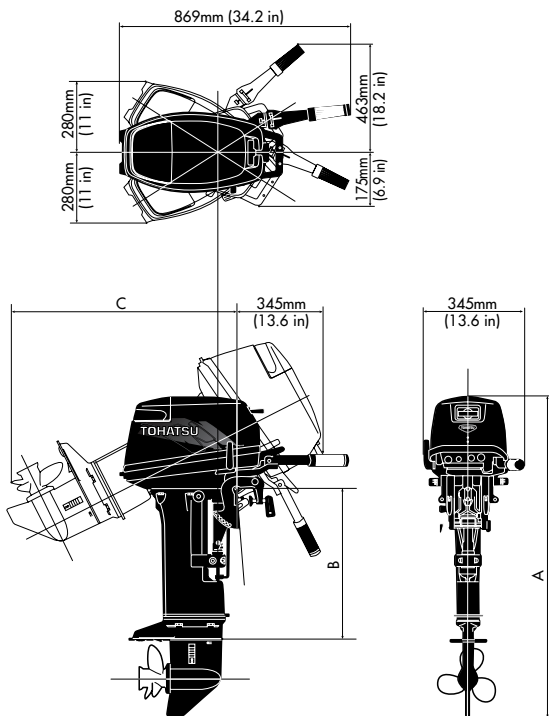
TWO
STROKE

Specifications

Type		Two Stroke
Maximum output	HP (KW)	18 (13.2)
Maximum operating range	rpm	5200-5800
Fuel consumption at W.O.T	L/Hr (gal/Hr)	8.5 (2.25)
Number of cylinder		2
Bore x Stroke	mm (in)	60x52 (2.36x2.05)
Displacement	cc (Cu in)	294 (17.94)
Engine lubrication system		Premixed Fuel
Starting system		Manual or Electric starter
Spark plug		NGK B7HS-10 or BR7HS-10
Ignition timing	degree	ATDC3°-BTDC25°
Alternator output		12V 80W 7A
Engine oil		Genuine recommended 2stroke engine oil (TCW-3)
Volume of engine oil tank	L (gal)	-
Fuel tank capacity	L (gal)	25 (6.6)
Speed control		Twist grip type or Remote control
Gear reduction ratio		1.85 (13:24)

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight

(kg/lbs)

Model		EF	EP
Transom S:	41 (90)	44 (97)	44 (97)
Transom L:	42 (93)	45 (99)	45 (99)
Transom UL:	43 (95)	-	-

Dimensions

(mm/in)

Model	A	B	C
Transom S:	1067 (42.0)	435 (17.1)	739 (29.1)
Transom L:	1194 (47.0)	562 (22.1)	836 (32.9)
Transom UL:	1321 (52.0)	689 (27.1)	936 (36.9)

Standard & Optional Equipments

Type	S/L/UL	EFS/L	EPS/L
Electric Starter	-	●	●
Manual Starter	●	●	●
Engine Stop Switch Lanyard	●	●	●
Alternator	●	●	●
Rectifier	○	●	●
Oil Pre-Mixing	●	●	●
Transom	15/20/25	15/20	15/20
Propeller	●	●	●
Analog Tachometer	○	○	○
Analog Trim Meter	-	-	-
Remote Control Box	-	-	●
25L Plastic Fuel Tank	●	●	●
Tool Kit	●	●	●
Emergency Starter Rope	●	●	●
Spare Spark Plugs	●	●	●
Owners Manual	●	●	●

● Standard ○ Optional



2-Cylinder



Alternator



Charging System
(Electric Model)



Thermostat



Manual Start
Back-Up



Forward -
Neutral - Reverse



Steering Friction
Adjustment



High Solid Paint
Coating

TWO
STROKE

M15D₂



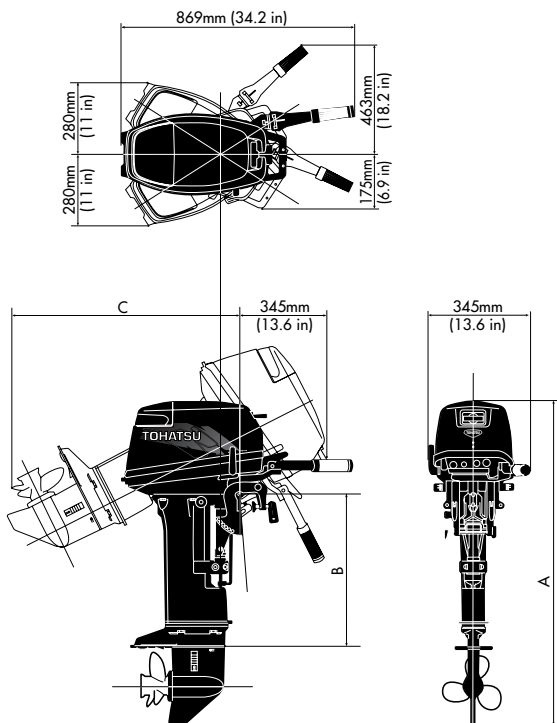
TWO
STROKE

Specifications

Type		Two Stroke
Maximum output	HP (KW)	15 (11.0)
Maximum operating range	rpm	5200-5800
Fuel consumption at W.O.T	L/Hr (gal/Hr)	7.3 (1.93)
Number of cylinder		2
Bore x Stroke	mm (in)	55x52 (2.17x2.05)
Displacement	cc (Cu in)	247 (15.07)
Engine lubrication system		Premixed Fuel
Starting system		Manual or Electric starter
Spark plug		NGK B7HS-10 or BR7HS-10
Ignition timing	degree	ATDC3°-BTDC25°
Alternator output		12V 80W 7A
Engine oil		Genuine recommended 2stroke engine oil (TCW-3)
Volume of engine oil tank	L (gal)	-
Fuel tank capacity	L (gal)	25 (6.6)
Speed control		Twist grip type or Remote control
Gear reduction ratio		1.85 (13:24)

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight (kg/lbs)

Model	EP	
Transom S:	41 (90)	44 (97)
Transom L:	42 (93)	45 (99)
Transom UL:	43 (95)	-

Dimensions (mm/in)

Model	A	B	C
Transom S:	1067 (42.0)	435 (17.1)	739 (29.1)
Transom L:	1194 (47.0)	562 (22.1)	836 (32.9)
Transom UL:	1321 (52.0)	689 (27.1)	936 (36.9)

Standard & Optional Equipments

Type	S/L/UL	EPS/L
Electric Starter	-	●
Manual Starter	●	●
Engine Stop Switch Lanyard	●	●
Alternator	●	●
Rectifier	○	●
Oil Pre-Mixing	●	●
Transom	15/20/25	15/20
Propeller	●	●
Analog Tachometer	○	○
Analog Trim Meter	-	-
Remote Control Box	-	●
25L Plastic Fuel Tank	●	●
Tool Kit	●	●
Emergency Starter Rope	●	●
Spare Spark Plugs	●	●
Owners Manual	●	●

● Standard ○ Optional



2-Cylinder



Alternator



Charging System
(Electric Model)



Thermostat



Manual Start
Back-Up



Forward -
Neutral - Reverse



Steering Friction
Adjustment



High Solid Paint
Coating

TWO
STROKE

M9.9D2



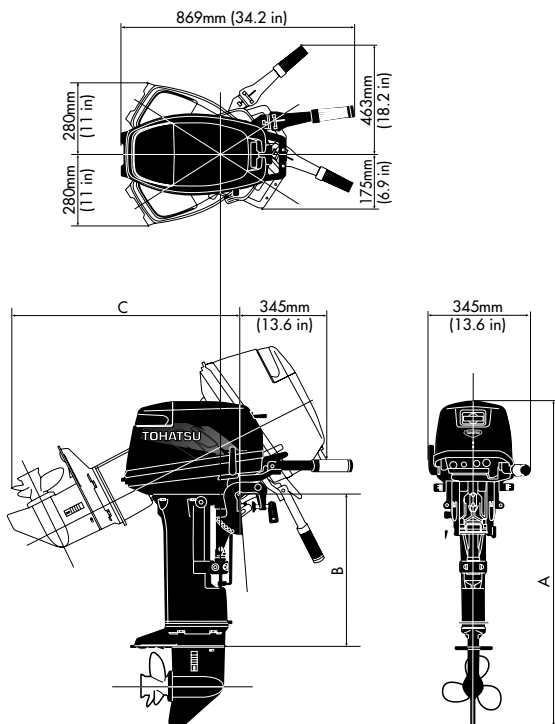
TWO
STROKE

Specifications

Type		Two Stroke
Maximum output	HP (KW)	9.9 (7.3)
Maximum operating range	rpm	4500-5300
Fuel consumption at W.O.T	L/Hr (gal/Hr)	5.5 (1.45)
Number of cylinder		2
Bore x Stroke	mm (in)	55x52 (2.17x2.05)
Displacement	cc (Cu in)	247 (15.07)
Engine lubrication system		Premixed Fuel
Starting system		Manual or Electric starter
Spark plug		NGK B7HS-10 or BR7HS-10
Ignition timing	degree	ATDC3°-BTDC25°
Alternator output		12V 80W 7A
Engine oil		Genuine recommended 2stroke engine oil (TCW-3)
Volume of engine oil tank	L (gal)	-
Fuel tank capacity	L (gal)	25 (6.6)
Speed control		Twist grip type or Remote control
Gear reduction ratio		1.85 (13:24)

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight (kg/lbs)

Model		EP
Transom S:	41 (90)	44 (97)
Transom L:	42 (93)	45 (99)
Transom UL:	43 (95)	-

Dimensions (mm/in)

Model	A	B	C
Transom S:	1067 (42.0)	435 (17.1)	739 (29.1)
Transom L:	1194 (47.0)	562 (22.1)	836 (32.9)
Transom UL:	1321 (52.0)	689 (27.1)	936 (36.9)

Standard & Optional Equipments

Type	S/L/UL	EPS/L
Electric Starter	-	●
Manual Starter	●	●
Engine Stop Switch Lanyard	●	●
Alternator	●	●
Rectifier	○	●
Oil Pre-Mixing	●	●
Transom	15/20/25	15/20
Propeller	●	●
Analog Tachometer	○	○
Analog Trim Meter	-	-
Remote Control Box	-	●
25L Plastic Fuel Tank	●	●
Tool Kit	●	●
Emergency Starter Rope	●	●
Spare Spark Plugs	●	●
Owners Manual	●	●

● Standard ○ Optional



2-Cylinder



Alternator



Charging System
(Electric Model)



Thermostat



Manual Start
Back-Up



Forward -
Neutral - Reverse



Steering Friction
Adjustment



High Solid Paint
Coating

TWO
STROKE

M9.8B



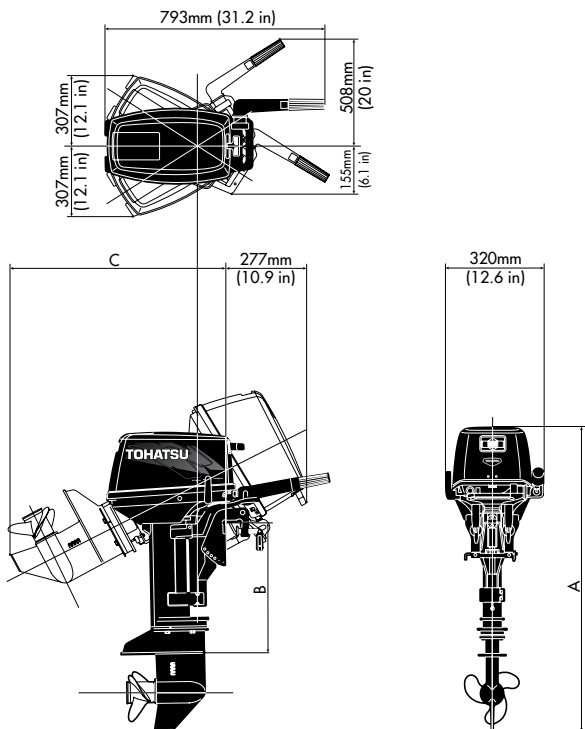
TWO
STROKE

Specifications

Type		Two Stroke
Maximum output	HP (KW)	9.8 (7.2)
Maximum operating range	rpm	5000-6000
Fuel consumption at W.O.T	L/Hr (gal/Hr)	5.1 (1.35)
Number of cylinder		2
Bore x Stroke	mm (in)	50x43 (1.97x1.69)
Displacement	cc (Cu in)	169 (10.31)
Engine lubrication system		Premixed Fuel
Starting system		Manual or Electric starter
Spark plug		NGK BP7HS-10 or BPR7HS-10
Ignition timing	degree	ATDC2.5°-BTDC26°
Alternator output		Certain Model : 12V 80W 7A
Engine oil		Genuine recommended 2stroke engine oil (TCW-3)
Volume of engine oil tank	L (gal)	-
Fuel tank capacity	L (gal)	12 (3.17)
Speed control		Twist grip type or Remote control
Gear reduction ratio		2.08 (13:27)

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight

(kg/lbs)

Model	EF	EP
Transom S:	26 (57)	28.5 (63)
Transom L:	27 (60)	29.5 (65)
Transom UL:	28 (62)	-

Dimensions

(mm/in)

Model	A	B	C
Transom S:	996 (39.2)	435 (17.1)	716 (28.2)
Transom L:	1123 (44.2)	562 (22.1)	816 (32.1)
Transom UL:	1250 (49.2)	689 (27.1)	916 (36.2)

Standard & Optional Equipments

Type	S/L/UL	EFS/L	EPS/L
Electric Starter	-	●	●
Manual Starter	●	●	●
Engine Stop Switch Lanyard	●	●	●
Alternator	○	●	●
Rectifier	○	●	●
Oil Pre-Mixing	●	●	●
Transom	15/20/25	15/20	15/20
Propeller	●	●	●
Analog Tachometer	○	○	○
Analog Trim Meter	-	-	-
Remote Control Box	-	-	●
12L Plastic Fuel Tank	●	●	●
Tool Kit	●	●	●
Emergency Starter Rope	●	●	●
Spare Spark Plugs	●	●	●
Owners Manual	●	●	●

● Standard ○ Optional



2-Cylinder



**Alternator
(Electric Model)**



**Charging System
(Electric Model)**



Thermostat



**Manual Start
Back-Up**



Throttle Friction



**Forward -
Neutral - Reverse**



**Steering Friction
Adjustment**



**High Solid Paint
Coating**



Light Weight

TWO
STROKE

M8B



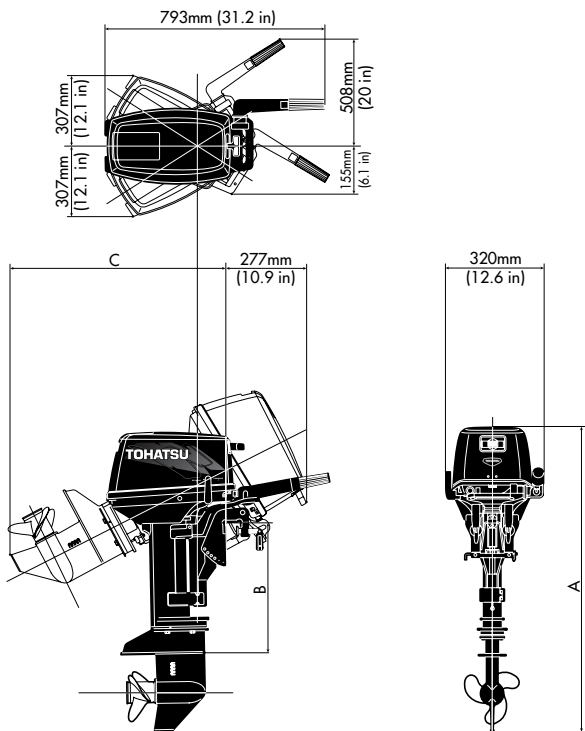
TWO
STROKE

Specifications

Type		Two Stroke
Maximum output	HP (KW)	8 (5.9)
Maximum operating range	rpm	4500-5500
Fuel consumption at W.O.T	L/Hr (gal/Hr)	4.3 (1.14)
Number of cylinder		2
Bore x Stroke	mm (in)	50x43 (1.97x1.69)
Displacement	cc (Cu in)	169 (10.31)
Engine lubrication system		Premixed Fuel
Starting system		Manual or Electric starter
Spark plug		NGK BP7HS-10 or BPR7HS-10
Ignition timing	degree	ATDC1°-BTDC22°
Alternator output		12V 80W 7A or Option
Engine oil		Genuine recommended 2stroke engine oil (TCW-3)
Volume of engine oil tank	L (gal)	-
Fuel tank capacity	L (gal)	12 (3.17)
Speed control		Twist grip type or Remote control
Gear reduction ratio		2.08 (13:27)

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight (kg/lbs)

Model		EP
Transom S:	26 (57)	28.5 (63)
Transom L:	27 (60)	29.5 (65)
Transom UL:	28 (62)	-

Dimensions (mm/in)

Model	A	B	C
Transom S:	996 (39.2)	435 (17.1)	716 (28.2)
Transom L:	1123 (44.2)	562 (22.1)	816 (32.1)
Transom UL:	1250 (49.2)	689 (27.1)	916 (36.2)

Standard & Optional Equipments

Type	S/L/UL	EPS/L
Electric Starter	-	●
Manual Starter	●	●
Engine Stop Switch Lanyard	●	●
Alternator	○	●
Rectifier	○	●
Oil Pre-Mixing	●	●
Transom	15/20/25	15/20
Propeller	●	●
Analog Tachometer	○	○
Analog Trim Meter	-	-
Remote Control Box	-	●
12L Plastic Fuel Tank	●	●
Tool Kit	●	●
Emergency Starter Rope	●	●
Spare Spark Plugs	●	●
Owners Manual	●	●

● Standard ○ Optional



2-Cylinder



**Alternator
(Electric Model)**



**Charging System
(Electric Model)**



Thermostat



**Manual Start
Back-Up**



Throttle Friction



**Forward -
Neutral - Reverse**



**Steering Friction
Adjustment**



**High Solid Paint
Coating**



Light Weight

TWO
STROKE

M6B



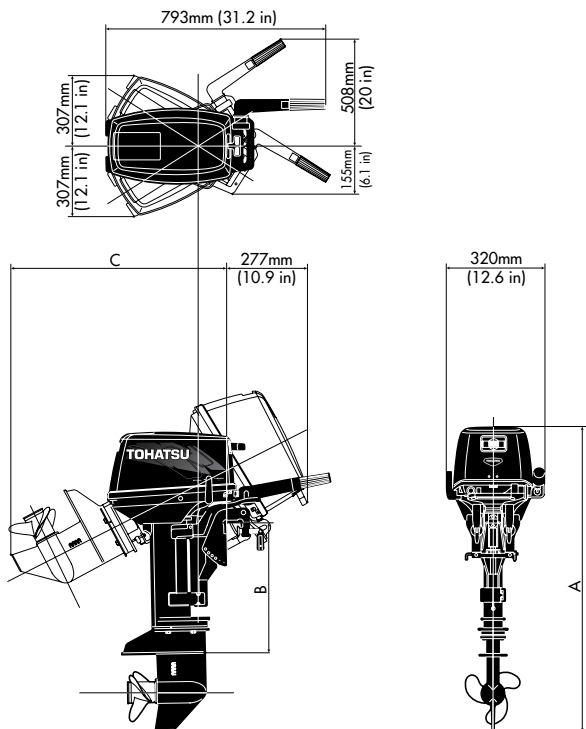
TWO
STROKE

Specifications

Type		Two Stroke
Maximum output	HP (KW)	6 (4.4)
Maximum operating range	rpm	4500-5500
Fuel consumption at W.O.T	L/Hr (gal/Hr)	3.0 (0.79)
Number of cylinder		2
Bore x Stroke	mm (in)	50x43 (1.97x1.69)
Displacement	cc (Cu in)	169 (10.31)
Engine lubrication system		Premixed Fuel
Starting system		Manual
Spark plug		NGK BP7HS-10 or BPR7HS-10
Ignition timing	degree	ATDC1°-BTDC17°
Alternator output		(Option : 12V 80W 7A)
Engine oil		Genuine recommended 2stroke engine oil (TCW-3)
Volume of engine oil tank	L (gal)	-
Fuel tank capacity	L (gal)	12 (3.17)
Speed control		Twist grip type or Remote control
Gear reduction ratio		2.08 (13:27)

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight (kg/lbs)

Model	
Transom S:	26 (57)
Transom L:	27 (60)

Dimensions (mm/in)

Model	A	B	C
Transom S:	996 (39.2)	435 (17.1)	716 (28.2)
Transom L:	1123 (44.2)	562 (22.1)	816 (32.1)

Standard & Optional Equipments

Type	S/L
Manual Starter	●
Engine Stop Switch Lanyard	●
Alternator	○
Rectifier	○
Oil Pre-Mixing	●
Transom	15/20
Propeller	●
Analog Tachometer	○
Analog Trim Meter	-
Remote Control Box	-
12L Plastic Fuel Tank	●
Tool Kit	●
Emergency Starter Rope	●
Spare Spark Plugs	●
Owners Manual	●

● Standard ○ Optional



2-Cylinder



Alternator (Optionl)



Charging System (Option)



Thermostat



Manual Start Back-Up



Throttle Friction



Forward - Neutral - Reverse



Steering Friction Adjustment



High Solid Paint Coating



Light Weight

TWO
STROKE

M5BD



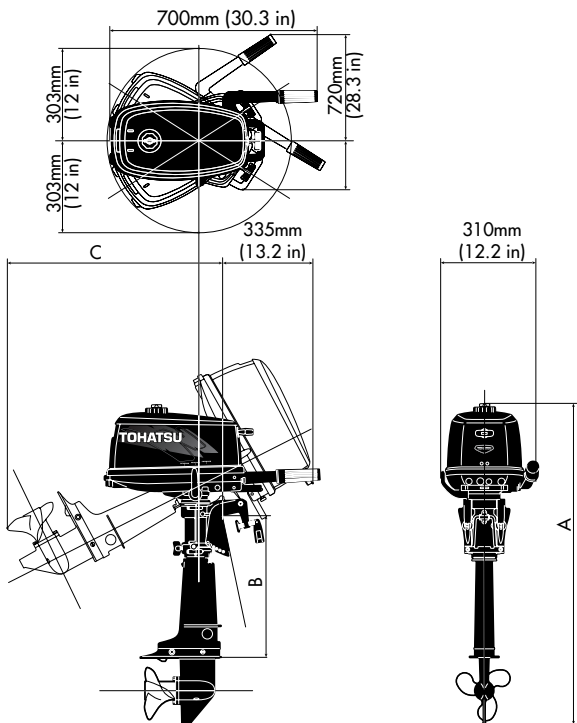
TWO
STROKE

Specifications

Type		Two Stroke
Maximum output	HP (KW)	5 (3.7)
Maximum operating range	rpm	4500-5500
Fuel consumption at W.O.T	L/Hr (gal/Hr)	0.66 (2.5)
Number of cylinder		1
Bore x Stroke	mm (in)	55x43 (2.17x1.69)
Displacement	cc (Cu in)	102 (6.22)
Engine lubrication system		Premixed Fuel
Starting system		Manual
Spark plug		NGK BP7HS-10 or BPR7HS-10
Ignition timing	degree	BTDC5°-BTDC30°
Alternator output		(Option : 12V 60W 5A)
Engine oil		Genuine recommended 2stroke engine oil (TCW-3)
Volume of engine oil tank	L (gal)	-
Fuel tank capacity	L (gal)	12 (3.17) and 2.5 (0.66)
Speed control		Twist grip type
Gear reduction ratio		2.15 (13:28)

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight (kg/lbs)

Model	
Transom S:	20 (44)
Transom L:	20.5 (45)
Transom UL:	21 (46)

Dimensions

(mm/in)

Model	A	B	C
Transom S:	978 (38.5)	435 (17.1)	651 (25.6)
Transom L:	1105 (43.5)	562 (22.1)	751 (29.6)
Transom UL:	1261 (49.6)	689 (27.1)	851 (33.6)

Standard & Optional Equipments

Type	S/L/UL
Manual Starter	●
Engine Stop Switch Lanyard	●
Alternator	○
Rectifier	○
Oil Pre-Mixing	●
Transom	15/20/25
Propeller	●
Analog Tachometer	-
Analog Trim Meter	-
Remote Control Box	-
12L Plastic Fuel Tank	●
1.3L In-tank	●
Tool Kit	●
Emergency Starter Rope	●
Spare Spark Plugs	●
Owners Manual	●

● Standard ○ Optional



1-Cylinder



**Alternator
(Option)**



**Charging System
(Option)**



**Dual Fuel
System**



Throttle Friction



**Steering Friction
Adjustment**



**High Solid Paint
Coating**



Light Weight

TWO
STROKE

M4C



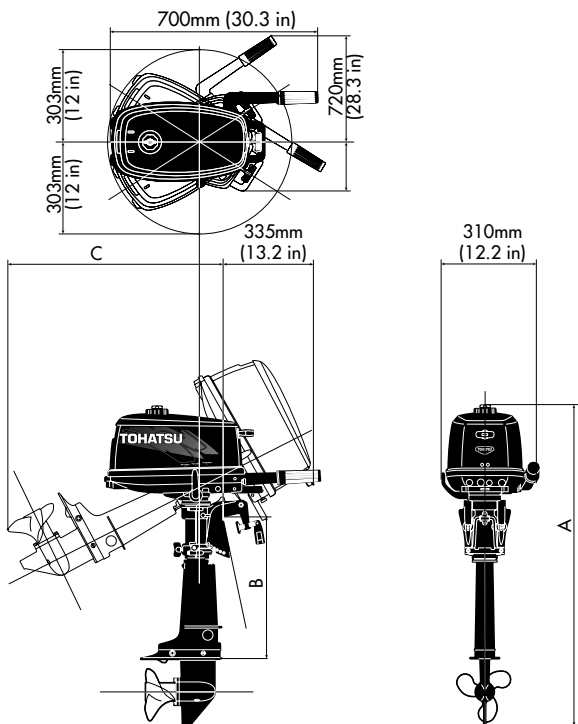
TWO
STROKE

Specifications

Type		Two Stroke
Maximum output	HP (KW)	4 (2.9)
Maximum operating range	rpm	4500-5500
Fuel consumption at W.O.T	L/Hr (gal/Hr)	2.0 (0.53)
Number of cylinder		1
Bore x Stroke	mm (in)	55x43 (2.17x1.69)
Displacement	cc (Cu in)	102 (6.22)
Engine lubrication system		Premixed Fuel
Starting system		Manual
Spark plug		NGK BP7HS-10 or BPR7HS-10
Ignition timing	degree	BTDC5°-BTDC30°
Alternator output		(Option : 12V 60W 5A)
Engine oil		Genuine recommended 2stroke engine oil (TCW-3)
Volume of engine oil tank	L (gal)	-
Fuel tank capacity	L (gal)	2.5 (0.66)
Speed control		Twist grip type
Gear reduction ratio		2.15 (13:28)

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight (kg/lbs)

Model	
Transom S:	20 (44)
Transom L:	20.5 (45)

Dimensions (mm/in)

Model	A	B	C
Transom S:	1007 (39.6)	435 (17.1)	651 (25.6)
Transom L:	1134 (44.6)	562 (22.1)	751 (29.6)

Standard & Optional Equipments

Type	S/L
Manual Starter	●
Engine Stop Switch Lanyard	●
Alternator	○
Rectifier	○
Oil Pre-Mixing	●
Transom	15/20
Propeller	●
Analog Tachometer	-
Analog Trim Meter	-
Remote Control Box	-
12L Plastic Fuel Tank	-
2.5L In-tank	●
Tool Kit	●
Emergency Starter Rope	●
Spare Spark Plugs	●
Owners Manual	●

● Standard ○ Optional



1-Cylinder



**Alternator
(Option)**



**Charging System
(Option)**



Built-in Tank



Throttle Friction



**Steering Friction
Adjustment**



**High Solid Paint
Coating**



Light Weight

TWO
STROKE

M3.5B2



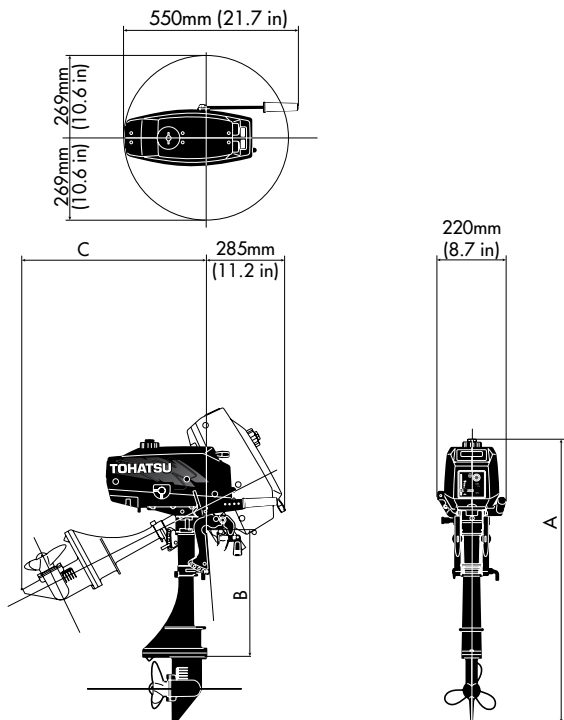
TWO
STROKE

Specifications

Type		Two Stroke
Maximum output	HP (KW)	3.5 (2.6)
Maximum operating range	rpm	4200-5300
Fuel consumption at W.O.T	L/Hr (gal/Hr)	1.7 (0.45)
Number of cylinder		1
Bore x Stroke	mm (in)	47x43 (1.85x1.69)
Displacement	cc (Cu in)	74.6 (4.55)
Engine lubrication system		Premixed Fuel
Starting system		Manual
Spark plug		NGK BP6HS-10 or BPR6HS-10
Ignition timing	degree	BTDC20°
Alternator output		-
Engine oil		Genuine recommended 2stroke engine oil (TCW-3)
Volume of engine oil tank	L (gal)	-
Fuel tank capacity	L (gal)	1.4 (0.37)
Speed control		Throttle lever type
Gear reduction ratio		2.15 (13:28)

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight (kg/lbs)

Model	
Transom S:	13 (29)
Transom L:	13.5 (30)

Dimensions

(mm/in)

Model	A	B	C
Transom S:	995 (37.6)	435 (17.1)	573 (22.6)
Transom L:	1082 (42.6)	562 (22.1)	673 (26.6)

Standard & Optional Equipments

Type	S/L
Clutch	F-N
Manual Starter	●
Engine Stop Switch Lanyard	●
Alternator	-
Oil Pre-Mixing	●
Transom	15/20
Propeller	●
Analog Tachometer	-
Analog Trim Meter	-
Remote Control Box	-
12L Plastic Fuel Tank	-
1.4L In-tank	●
Tool Kit	●
Emergency Starter Rope	●
Spare Spark Plugs	●
Owners Manual	●

● Standard ○ Optional



1-Cylinder



Built-in Tank



Forward
- Neutral



Steering Friction
Adjustment



360° Full Pivot
Steering



High Solid Paint
Coating



Light Weight

TWO
STROKE

M3.5A2



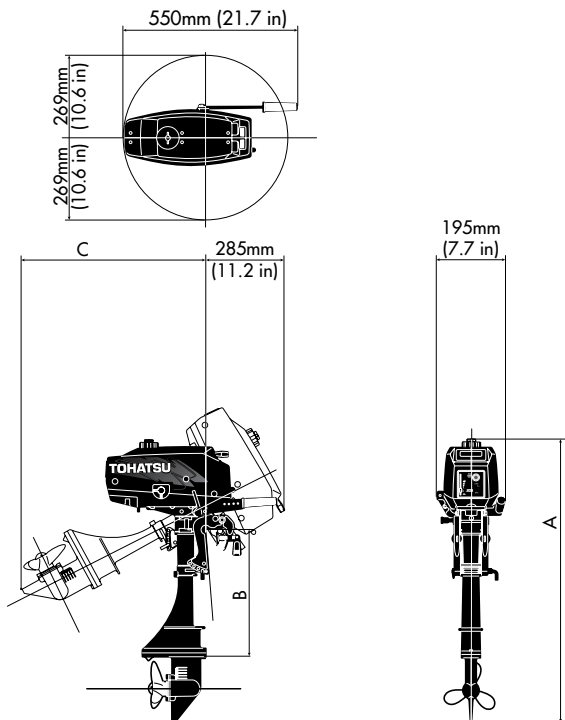
TWO
STROKE

Specifications

Type		Two Stroke
Maximum output	HP (KW)	3.5 (2.6)
Maximum operating range	rpm	4200-5300
Fuel consumption at W.O.T	L/Hr (gal/Hr)	1.7 (0.45)
Number of cylinder		1
Bore x Stroke	mm (in)	47x43 (1.85x1.69)
Displacement	cc (Cu in)	74.6 (4.55)
Engine lubrication system		Premixed Fuel
Starting system		Manual
Spark plug		NGK BP6HS-10 or BPR6HS-10
Ignition timing	degree	BTDC20°
Alternator output		-
Engine oil		Genuine recommended 2stroke engine oil (TCW-3)
Volume of engine oil tank	L (gal)	-
Fuel tank capacity	L (gal)	1.4 (0.37)
Speed control		Throttle lever type
Gear reduction ratio		1.85 (13:24)

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight (kg/lbs)

Model	
Transom S:	12.5 (28)
Transom L:	13 (29)

Dimensions (mm/in)

Model	A	B	C
Transom S:	995 (37.6)	435 (17.1)	573 (22.6)
Transom L:	1082 (42.6)	562 (22.1)	673 (26.6)

Standard & Optional Equipments

Type	S/L
Clutch	-
Electric Starter	-
Engine Stop Switch Lanyard	●
Alternator	-
Oil Pre-Mixing	●
Transom	15/20
Propeller	●
Analog Tachometer	-
Analog Trim Meter	-
Remote Control Box	-
12L Plastic Fuel Tank	-
1.4L In-tank	●
Tool Kit	●
Emergency Starter Rope	●
Spare Spark Plugs	●
Owners Manual	●

● Standard ○ Optional



1-Cylinder



Built-in Tank



Forward - Neutral



Steering Friction Adjustment



360° Full Pivot Steering



High Solid Paint Coating



Light Weight

TWO
STROKE

M2.5A2



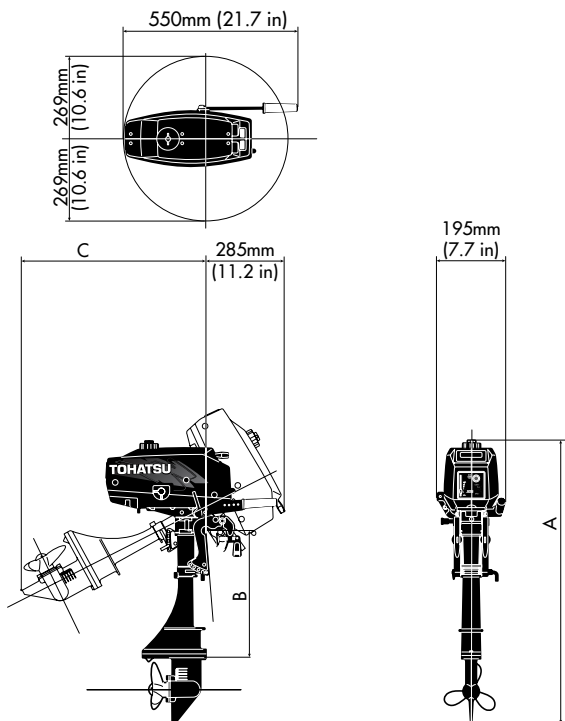
TWO
STROKE

Specifications

Type		Two Stroke
Maximum output	HP (KW)	2.5 (1.8)
Maximum operating range	rpm	3800-5200
Fuel consumption at W.O.T	L/Hr (gal/Hr)	1.4 (0.37)
Number of cylinder		1
Bore x Stroke	mm (in)	47x43 (1.85x1.69)
Displacement	cc (Cu in)	74.6 (4.55)
Engine lubrication system		Premixed Fuel
Starting system		Manual
Spark plug		NGK BP6HS-10 or BPR6HS-10
Ignition timing	degree	BTDC20°
Alternator output		-
Engine oil		Genuine recommended 2stroke engine oil (TCW-3)
Volume of engine oil tank	L (gal)	-
Fuel tank capacity	L (gal)	1.4 (0.37)
Speed control		Throttle lever type
Gear reduction ratio		2.15 (13:28)

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight (kg/lbs)

Model	
Transom S:	12.5 (28)
Transom L:	13 (29)

Dimensions

(mm/in)

Model	A	B	C
Transom S:	995 (37.6)	435 (17.1)	573 (22.6)
Transom L:	1082 (42.6)	562 (22.1)	673 (26.6)

Standard & Optional Equipments

Type	S/L
Clutch	-
Electric Starter	-
Engine Stop Switch Lanyard	●
Alternator	-
Oil Pre-Mixing	●
Transom	15/20
Propeller	●
Analog Tachometer	-
Analog Trim Meter	-
Remote Control Box	-
12L Plastic Fuel Tank	-
1.4L In-tank	●
Tool Kit	●
Emergency Starter Rope	●
Spare Spark Plugs	●
Owners Manual	●

● Standard ○ Optional



1-Cylinder



Low Fuel Consumption



Built-in Tank



Steering Friction Adjustment



360° Full Pivot Steering



High Solid Paint Coating



Light Weight

ACCESSORIES

Genuine Tohatsu Engine Oil is specially formulated to work with all Tohatsu engines, 2-strokes, TLDI and 4-strokes. Tohatsu Genuine Oils contain additional additives and detergents to keep your Tohatsu outboard running at peak performance.

**MD PLATINA OIL**

Description	Outboard Type	Parts Number
MD Platina Oil <1L x 20 / 1 case>	TLDI	3Y9-72302-0
MD Platina Oil <4L x 6 / 1 case>	TLDI	3Y9-72304-0

**Four Stroke Engine Oil**

Description	Outboard Type	Parts Number
Four Stroke Engine Oil <1L x 20 / 1 case>	Four Stroke	3AC-72300-0
Four Stroke Engine Oil <0.45L x 20 / 1 case>	Four Stroke	3AS-72300-0



Super Gold

Description	Outboard Type	Parts Number
Super Gold <0.4L x 20 / 1 case>	Two Stroke	3C7-72301-0
Super Gold <1L x 20 / 1 case>	Two Stroke	3C7-72302-0
Super Gold <4L x 6 / 1 case>	Two Stroke	3C7-72304-0
Super Gold <20L x 1 / 1 case>	Two Stroke	3C7-72303-0

Our Side Mount and Binnacle Mount control boxes are designed to provide remote throttle & shift control for Tohatsu outboards. Side Mount control boxes come standard with all Tohatsu remote control models. Binnacle Mount (top mount) control boxes are available for console mounting.



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.

Parts Number	Description	Applicable Models
3B7Q84330-2	RC5A	25/30hp (4-Stroke), 40 - 90hp (2-Stroke) with PTT
3B7Q84340-2	RC5B	15-30hp (4-Stroke), 40 - 90hp (2-Stroke) without PTT
3B7Q84350-3	RC5C	8/9.8hp(4-stroke), 8B - 40C (2-Stroke) with electric starter
3B7Q84360-1	RC5D	4-30hp (4-Stroke), 4C - 40C (2-Stroke) without electric starter
3C7Q84370-2	RC5E	M120/140A2 (2-Stroke)
3T5Q84500-1	RC5F	MD40/50/70/90B/115A (TLDI)

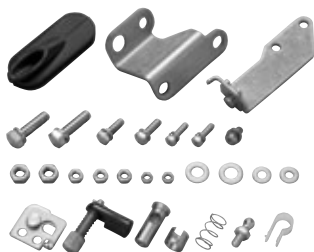


3G2-84905-0

Drag Link

Specially designed for Tohatsu outboards

Parts Number	Description	Applicable Models
3AA-84905-0	Drag Link J	MFS8/9.8A3 (4-Stroke)
3G2-84905-0	Drag Link G	M9.9D2/15D2/18E2 (2-Stroke)
3E0-84905-0	Drag Link H	MFS15-30B (4-Stroke) & M60/70C/90A/115/120/140A2 (2-Stroke) & MD70/90B/115A (TLDI)
346-84905-1	Drag Link C	M25C3/30A4 (2-Stroke)
361-84905-1	Drag Link B	M40C (2-Stroke)
3C8-84910-2	Drag Link E	M40/50D2 (2-Stroke) & MD40/50B (TLDI)



Remote Control Fitting Kit

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

Parts Number	Description	Applicable Models
369-83880-2	R.C. Fitting Parts Kit	M4C/5B (2-Stroke)
3B2-83880-3	R.C. Fitting Parts Kit	M6/8/9.8B (2-Stroke)
398-83880-1	R.C. Fitting Parts Kit	M9.9/15D2/18E2 (2-Stroke)
3A1-83880-1	R.C. Fitting Parts Kit	M25C3/30A4 (2-Stroke)
361-83880-3	R.C. Fitting Parts Kit	M40C (2-Stroke)
3AS-83880-1	R.C. Fitting Parts Kit	MFS4/5/6B (4-Stroke)
3V2-83880-0	R.C. Fitting Parts Kit	MFS8/9.8A3 (4-Stroke)
3AC-83880-0	R.C. Fitting Parts Kit	MFS25/30B (4-Stroke)



Vertical Starting Device Kit

Converts a manual start from a horizontal to vertical direction pull.

Parts Number	Description	Applicable Models
369B05911-0	Vertical Starting Device Kit	M4C/5B (2-Stroke) & MFS4/5/6B (4-Stroke)
3B2B05911-0	Vertical Starting Device Kit	M6/8/9.8B (2-Stroke)

Gauges

A variety of Tohatsu gauges are available through your local dealer; hour meters, speedometers, tilt/trim gauges, Analog and LCD tachometers and even multi-function LCD gauges. All manufactured to Tohatsu's precision standards. See your dealer for a complete list of all Tohatsu gauges available for your outboard.



Tachometers

These 100mm(4") 7,000 max Tachometer are available with or without warning lamp. Tachometer can be used on all electric start models by using select 4, 6 or 12 pole switch on rear of meter.

Lead wire, mounting hardware included.

Parts Number	Description	Applicable Models
3B7-72530-2	Tachometer (Without warning lamp)	2-Stroke Pre-Mix Oil Model
3N8-72640-1	Tachometer (With warning lamp)	4-Stroke & 2-Stroke Auto Mixing Oil Model
3Z5-72640-1	Tachometer (With warning Lamp)	TLDI Model



Multi Purpose Meter

These 100mm(4") 7,000 max rpm Tachometer are easy to read LCD digital readout displays engine rpm, trim angle, oil level, warning lamps.

Lead wire , mounting hardware included.

Parts Number	Description	Applicable Models
3C7-72646-1	Multi Purpose Meter	M115/120/140A2



Speedometers

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

Parts Number	Description	Applicable Models
3E0-72648-0	Speed Meter 50 M.P.H. Kit	3/3/8" Diameter
3E0-72649-0	Speed Meter 75 M.P.H. Kit	3/3/8" Diameter



Trim Meter

Magnetic type gauge shown angle for optimum performance and efficiency. 2/1/16" diameter. Includes installation hardware.

Parts Number	Description	Applicable Models
3T1-72571-0	Trim Meter	All Power Tilt Model



Volt Meter

Monitors your charging system. Includes harness and installation hardware.

Parts Number	Description
3E0-72529-0	Volt Meter



Hour Meter

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

Parts Number	Description
3E0-72524-0	Hour Meter



Water Pressure Meter

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

Parts Number	Description
3E0-72598-0	Water Pressure Meter



Water Temperature Meter

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

Parts Number	Description
3E0-72597-0	Water Temperature Meter Kit

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	MFS2.5A/3.5A	
M2.5/3.5A2/ 3.5B2 (2-Stroke) & MFS2.5A/3.5A (4-Stroke)	188	7.4	4.5	Plastic	●		●	●	314-64103-0
	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
	188	7.4	6	Aluminum			●	●	3F0-64102-0
Model	Propeller Dia		Pitch	Material	Standard Propeller				Part Number
	mm	in			M4C	M5B	MFS4B	MFS5/6B	
M4C & 5B (2-Stroke) & MFS4/5/6B (4-Stroke)	200	7.9	6	Aluminum	●	●	●	●	393B64512-1
	196	7.7	7	Aluminum	(S,L)	●	(S,L)	●	3R1B64514-0
	196	7.7	8	Aluminum	●	(S,L,UL)	●	(S,L)	3R1B64516-0
	200	7.9	9	Aluminum	●	●	●	●	369B64518-1
Model	Propeller Dia		Pitch	Material	Standard Propeller				Part Number
	mm	in			MFS6B(Sail Pro)				
MFS6B(Sail Pro)	212	8.0	6	Aluminum	(UL)				399B64165-0
Model	Propeller Dia		Pitch	Material	Standard Propeller				Part Number
	mm	in			M6/8B	M9.8B	MFS8A3	MFS9.8A3	
M6/8/ 9.8B (2-Stroke) & MFS8/9.8A3 (4-Stroke)	216	8.5	6.5	Aluminum	●	●	●	●	3V1B64510-0
	226	8.9	7	Aluminum	(L,UL)	●	●	●	3B2B64514-0
	216	8.5	7.5	Aluminum	●	(L,UL)	(S,L,UL)	(L,UL)	3B2B64515-0
	226	8.9	8.5	Aluminum	(S)	(S)	●	(S)	3B2B64517-1
	226	8.9	9.5	Aluminum	●	●	●	●	3B2B64519-1
Model	Propeller Dia		Pitch	Material	Standard Propeller				Part Number
	mm	in			M9.9/15D2	M18E2	MFS15C	MFS20C	
M9.9/15D2/ 18E2 (2-Stroke) & MFS15/20C (4-Stroke)	234	9.2	6	Aluminum	●	●	●	●	362B-64107-0
	234	9.2	7	Aluminum			●	●	362B64105-0
	254	10.0	7	Aluminum			●	●	3Z0B64514-3*
	234	9.3	8	Aluminum	(L,UL)	(UL)	●	●	3BAB64516-0
	234	9.3	9	Aluminum	(S)	(S,L)	(L)	(L)	3BAB64518-0
	234	9.3	10	Aluminum	●	●	(S)	(S)	3BAB64521-0
	235	9.3	11.5	Aluminum	●	●	●	●	3BAB64524-0

Model	Propeller Dia		Pitch	Material	Standard Propeller		Part Number		
	mm	in			M25C3/30A4	MFS25/30B			
M25C3/ 30A4 (2-Stroke) & MFS25/30B (4-Stroke)	260	10.2	8	Aluminum	●	●	346B64106-5		
	252	9.9	9	Aluminum	●	●	3R0B64518-0		
	252	9.9	10	Aluminum	(UL)	(UL)	3R0B64521-0		
	252	9.9	11	Aluminum	(L)	(L)	3R0B64523-0		
	252	9.9	12	Aluminum	●	●	3R0B64525-0		
	257	10.1	13	Aluminum	(S)	(S)	3R0B64527-0		
	252	9.9	14	Aluminum	●	●	349B64529-1		
Model	Propeller Dia		Pitch	Material	Standard Propeller		Part Number		
	mm	in			M40C				
M40C (2-Stroke)	290	11.4	7	Aluminum	●		348B64108-0		
	285	11.2	8.5	Aluminum	●		348B64107-0		
	276	10.9	9	Aluminum	●		361B64115-0		
	275	10.8	10	Aluminum	●		361B64109-0		
	268	11.6	11	Aluminum	(S,L,UL)		361B64113-0		
	290	11.4	12	Aluminum	●		3T5B64525-0		
	282	11.1	13	Aluminum	●		3T5B64527-0		
Model	Propeller Dia		Pitch	Material	Standard Propeller				Part Number
	mm	in			M40D2	M50D2	MD40B	MD50B	
M40/ 50D2 (2-Stroke) & MD40/50B (TLDI)	290	11.4	7	Aluminum	●	●	●	●	348B64108-0*
	307	12.1	9	Aluminum	●	●	●	●	3T5B64518-0
	295	11.6	11	Aluminum	(S,L)	●	(S,L)	●	3T5B64523-0
	290	11.4	12	Aluminum	(LL,UL)	(S,L)	(UL)	(S,L)	3T5B64525-0
	282	11.1	13	Aluminum	●	(LL,UL)	●	(UL)	3T5B64527-0
	282	11.1	14	Aluminum	●	●	●	●	3T5B64529-0
	279	11.0	15	Aluminum	●	●	●	●	3T5B64532-0
Model	Propeller Dia		Pitch	Material	Standard Propeller		Part Number		
	mm	in			MW50				
MW50	305	12.0	9	Aluminum	●		353B64101-0		
	292	11.5	10	Aluminum	●		353B64102-0		
	292	11.5	11	Aluminum	●		353B64103-0		
	295	11.6	12	Aluminum	(L)		353B64104-0		
	292	11.5	13	Aluminum	●		353B64105-0		
	289	11.4	14	Aluminum	●		353B64106-0		
	280	11.0	15	Aluminum	●		353B64107-0		
	273	10.7	16.5	Aluminum	●		353B64108-0		
	276	10.9	17.5	Aluminum	●		353B64109-0		

● = Optional * = 4 Blades

Model	Propeller Dia		Pitch	Material	Standard Propeller				Part Number
	mm	in			M60/70C/90A	M115/120/140A2	MB70/90B		
M60/70C/90A M115/120/ 140A2 (2-Stroke) & MD70/90B (TLDI)	355	14.0	11	Aluminum	●	●	●		3N4B64523-1
	355	14.0	13	Aluminum	●	●	●		3N4B64527-1
	349	13.8	15	Aluminum	(L,UL)	(L,UL)	(L,UL)		3N4B64532-1
	336	13.3	16	Aluminum	●	●	●		3N4B64534-1
	336	13.3	17	Aluminum	●	●	●		3N4B64536-1
	330	13.0	19	Aluminum	●	●	●		3N4B64541-1
	324	12.8	21	Aluminum	●	●	●		3N4B64545-1
Model	Propeller Dia		Pitch	Material	Standard Propeller				Part Number
	mm	in			MD115A				
MD115A (TLDI)	355	14.0	11	Aluminum			●		3T1B64523-0
	355	14.0	13	Aluminum			●		3T1B64527-0
	349	13.8	15	Aluminum			●		3T1B64532-0
	336	13.3	16	Aluminum			●		3T1B64534-0
	336	13.3	17	Aluminum			●		3T1B64536-0
	330	13.0	19	Aluminum			●		3T1B64541-0
	324	12.8	21	Aluminum			●		3T1B64545-0

● = Optiona * = 4 Blades!



Propeller Hardware Kits

These Hardware Kit are includes the thrust holder, washer, nut and split pin.

Parts Number	Applicable Models
3H6-87326-0	M4C/5B/MFS4/5/6B
3V1-87326-0	M8/9.8B/MFS8/9.8A3
3V9-87326-0	M9.9/15D2/18E2/MFS15/20C
3R0-87326-0	M25C3/30A4/MFS25/30B
3T5-87326-0	M40C/40/50D2/MD40/50B

Pre-Rigging Kits



Side Mount type Pre-rig kits

Parts Number	Applicable Models
3Y7Q84550-4	TLDI Models ~2008(XH)
3Y7Q84550-5	TLDI Models 2009~(XI)



TOP/Dual Binnacle type Pre-rig kits

Parts Number	Applicable Models
3Z5-84550-4	TLDI Models ~2008(XH)
3Z5-84550-5	TLDI Models 2009~(XI)



Plastic Fuel Tank

These fuel tank are constructed of High-quality and UL approved. The 25L (6.6-gallon) tank includes cap and fuel level gauge. The 12L (3.1-gallon) tank has not fuel level gauge.

Parts Number	Description
3B2-70167-0	12 Litter (3.1 Gallon)
3C7-70177-0	25 Litter (6.6 Gallon)



3B7-70200-3



3H6-70200-0



3E0-70200-0

Fuel Line Hose

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)

Parts Number	Applicable Models
3B7-70200-3	5-90hp (2-Stroke) & 40-90hp (TLDI)
3H6-70200-0	4 - 30hp (4-Stroke)
3E0-70200-0	120/140hp (2-Stroke)



3B2-70260-1



394-70260-0



3C7-70260-0

Fuel Connectors (Engine Male)

These male connectors are located on the engine side, for fuel hose attachment.

Parts Number	Diameter	Applicable Models
3B2-70260-1	13mm(5/16")	5-90hp (2-Stroke) & 40-90hp (TLDI)
394-70260-0	13mm(5/16")	4 - 30hp 4-Stroke
3C7-70260-0	13mm(5/16")	120/140hp 2-Stroke



3B2-70250-1



394-70250-0



3C7-70250-0

Fuel Connectors (Engine Female)

These female connectors fit engine end of the hose for quick connect and disconnect.

Parts Number	Diameter	Applicable Models
3B2-70250-1	13mm(5/16")	5-90hp (2-Stroke) & 40-90hp (TLDI)
394-70250-0	13mm(5/16")	4 - 30hp 4-stroke
3C7-70250-0	13mm(5/16")	120/140hp 2-stroke



Fuel Connectors (Tank Male)

These male connectors are located on the fuel tank side. Metric thread connectors are stainless steel.

Parts Number	Diameter	Applicable Models
3E0-70270-0	13mm(5/16")	All Models



Fuel Connectors (Tank Female)

These female connectors fit tank end of the hose for quick connect and disconnect

Parts Number	Diameter	Applicable Models
3B2-70281-0	13mm(5/16")	All Models

Repair Kits and Optional Accessories



Alternator Kit

These Alternator Kit 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 kit for D.C. battery charging. Kit include a alternator, screws and clamp for mounting under flywheel assembly.

Parts Number	Description	Applicable Models
3H6-06128-0	Alternator Kit (12V 60W)	M4C/5B (2-Stroke) & MFS4/5/6A2 (4-Stroke)
3AS-06128-0	Alternator Kit (12V 60W)	MFS4/5/6B (4-Stroke)
3B2-06128-0	Alternator Kit (12V 80W)	M6/8/9.8B (2-Stroke)
3V1-06128-0	Alternator Kit (12V 80W)	MFS8/9.8A(4-Stroke)
3V2-06128-0	Alternator Kit (12V 80W)	MFS8/9.8A3 (4-Stroke)



Charging Rectifier kit

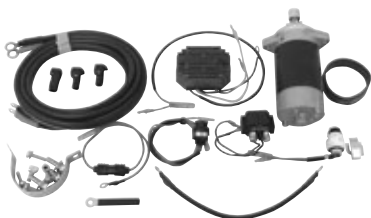
For use with alternator coils, these provide D.C. current for recharging a 12 volt battery. Kit include a rectifier, wiring, mounting, bolt, washer and clump.

Parts Number	Description	Applicable Models
3H6-76160-0	Charging Rectifier Kit	MFS4/5/6B (4-Stroke)
346-76160-2	Charging Rectifier Kit	M6B through M40C (2-Stroke)
3V2-76160-0	Charging Rectifier Kit	MFS8/9.8A3 (4-Stroke)
3BJ-76160-0	Charging Rectifier Kit	MFS15/20C (4-Stroke)
3C8-76160-2	Charging Rectifier Kit	M40/50D2 (2-Stroke)
3AC-76160-0	Charging Rectifier Kit	MFS25/30B (4-Stroke)



Electric Starter Kit (For Tiller Handle Models)

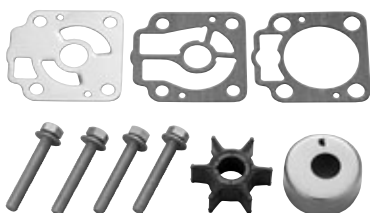
Parts Number	Description	Applicable Models
3B2-76300-3	Electric Starter Kit (With Flywheel)	M6/8/9.8B (2-Stroke)
3V2-76300-0	Electric Starter Kit (With Flywheel)	MFS8/9.8A3 (4-Stroke)
3G2-76300-2	Electric Starter Kit (With Flywheel)	M9.9/15D2/18E2 (2-Stroke)
3BJ-76300-0	Electric Starter Kit	MFS15/20C (4-Stroke)
3P0-76300-0	Electric Starter Kit	M25C3/30A4 (2-Stroke)
361-76300-0	Electric Starter Kit	M40C (2-Stroke)
3C8-76300-0	Electric Starter Kit	M40/50D2 (2-Stroke)
3AC-76300-0	Electric Starter Kit	MFS25/30B (4-Stroke)



Electric Starter Kit (For Remote Control Models)

Converts a manual start engine to an electric start.

Parts Number	Description	Applicable Models
3B2-76100-2	Electric Starter Kit (With Flywheel)	M8B (2-Stroke)
3K9-76100-0	Electric Starter Kit (With Flywheel)	M9.8B (2-Stroke)
3G2-76100-3	Electric Starter Kit (With Flywheel)	M9.9/15D2/18E2 (2-Stroke)
3P0-76000-0	Electric Starter Kit	M25C3/30A4 (2-Stroke)
361-76000-1	Electric Starter Kit	M40C (2-Stroke)



Water Pump Repair Kit

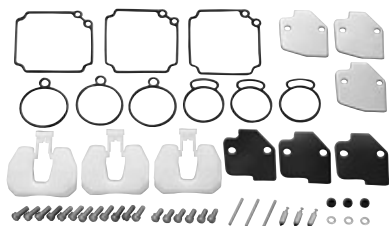
Water Pump Repair Kits include all necessary replacement water pump. Also available chrome plated water pump repair kits.

Parts Number	Description	Applicable Models
3AB-87322-0	Water Pump Repair Kit	MFS2.5/3.5A (4-Stroke)
3F0-87322-1	Water Pump Repair Kit	M3.5B2 (2-Stroke)
369-87322-1	Water Pump Repair Kit	M4C/5B/MFS4/5/6B (2 & 4Stroke)
3B2-87322-1	Water Pump Repair Kit	M6/8B/MFS8/9.8A3 (2-Stroke)
362-87322-1	Water Pump Repair Kit	M9.9/15D2/18E2 (2-Stroke) MFS15/20C (4-Stroke)
361-87322-0	Water Pump Repair Kit	M25C3/30A4/40C (2-Stroke)
3R0-87322-0	Water Pump Repair Kit	MFS25/30B (4-Stroke)
3C8-87322-2	Water Pump Repair Kit	M40/50D2 (2-Stroke)
3T5-87322-0	Water Pump Repair Kit	MD40/50B (TLDI)
3C7-87322-1	Water Pump Repair Kit	M115/120/140A2 (2-Stroke) MD70/90B/115A (TLDI)



Chrome Water Pump Repair Kit

Parts Number	Description	Applicable Models
369-65231-0	Chrome Water Pump Repair Kit	M4C/5B/MFS4/5/6B (2 & 4-Stroke)
3B2-65231-1	Chrome Water Pump Repair Kit	M6/8/9.8B/MFS8/9.8A3 (2 & 4-Stroke)
362-65231-0	Chrome Water Pump Repair Kit	M9.9/15D2/18E2/MFS9.9/15/20C (2 & 4-Stroke)
361-65231-0	Chrome Water Pump Repair Kit	M25C3/30A4/40C/MFS25/30B (2 & 4-Stroke)
3C8-65231-2	Chrome Water Pump Repair Kit	M40/50D2 (2-Stroke)
3F3-65231-1	Chrome Water Pump Repair Kit	M60/70C (2-Stroke)
3B7-65231-0	Chrome Water Pump Repair Kit	M90A (2-Stroke)
3C7-65231-0	Chrome Water Pump Repair Kit	MD70/90B/115A/M115/120/140A2 (TLDI & 2-Stroke)



Carburetor Repair Kit

Carburetor Repair Kits include gaskets, float and needle valve.

Parts Number	Description	Applicable Models
3AB-87122-0	Carburetor Repair Kit	MFS2.5/3.5A (4-Stroke)
3F0-87122-2	Carburetor Repair Kit	M2.5/3.5A2/3.5B2 (2-Stroke)
369-87122-1	Carburetor Repair Kit	M4C/5B (2-Stroke)
3B2-87122-0	Carburetor Repair Kit	M6/8/9.8B (2-Stroke)
3G2-87122-0	Carburetor Repair Kit	M9.9/15D2/18E2 (2-Stroke)
346-87122-0	Carburetor Repair Kit	M25C3/30A4 (2-Stroke)
345-87122-2	Carburetor Repair Kit	M40C (2-Stroke)
3C8-87122-2	Carburetor Repair Kit	M40/50D2 (2-Stroke)
3F3-87122-1	Carburetor Repair Kit	M60/70C (2-Stroke)
3B7-87122-1	Carburetor Repair Kit	M90A (2-Stroke)
3C7-87122-0	Carburetor Repair Kit	M115/120/140A2 (2-Stroke)
3H6-87122-0	Carburetor Repair Kit	MFS4/5/6B (4-Stroke)
3V1-87122-0	Carburetor Repair Kit	MFS8/9.8A3 (4-Stroke)
3BJ-87122-0	Carburetor Repair Kit	MFS15/20C (4-Stroke)

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

Anode

Part Number	Applicable Models
338-60218-2	M2.5/3.5A2/8/9.8B (2-Stroke) MFS2.5/3.5A (4-Stroke) 25-70hp (2-Stroke) MD40/50B (TLDI)
3B7-60218-1	M40/50D2 for Manual Tilt MD70/90B/115A (TLDI) 70-140hp (2-Stroke)
3H6-60218-0	4-6hp (2&4-Stroke)
3V9-60218-0	9.9-18hp (2-Stroke)
369-60218-1	MFS8/9.8A3/15/20C/25/30B
3C7-60218-2	M40D2 through M140A2 for PTT

Trim Tabs

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



3C8-60217-1



3V1-60217-0



348-60217-0



3B7-60217-1

Trim Tab

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

Parts Number	Applicable Models
3C8-60217-1	M25C3/30A4/40/50D2/MFS25/30B/MD40/50B
3V1-60217-0	MFS8/9.8A3/15/20C (4-Stroke)
348-60217-0	M40C (2-Stroke)
3B7-60217-1	M60C through M140A2 & MD70/90B/115A (TLDI)

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



Oil Filter

Parts Number	Description	Applicable Models
3R0-07615-0	Oil Filter	MFS9.9 - 30hp (4-stroke)



369-022320-0



3AC-02230-0



3T5-10130-0

Fuel Filters

Parts Number	Description	Applicable Models
3T5-10130-0	Air Filter for Compressor	All TLDI model
369-02230-0	Fuel Filter	4hp-20hp (2&4 Stroke)
3B7-02230-0	Fuel Filter	M25C3/30A4 (2-Stroke)
3AC-02230-0	Fuel Filter	MFS25/30B (4-Stroke)
3C7-02230-0	Fuel Filter	M115/120/140A2 (2-Stroke)
3T5-02230-0	Fuel Filter	MD40/50/70/90B (TLDI)
3AD-02230-0	Fuel Filter	9.9-90hp (2-Stroke)
346-02230-0	Fuel Filter	M40C (2-Stroke)
3T1-02230-0	Fuel Filter	MD115A (TLDI)

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.

Parts Number	Description
3Y9-02234-0	Water/Fuel Separator Kit
3Y9-02230-0	Replacement 10 micron filter





Spark plug

Carburetor Repair Kits include gaskets, float and needle valve.

Part Number	Spark plug	Model
9701-1-1011	NGK BP6HS-10	2.5/3.5hp (2-Stroke)
9701-1-1010	NGK BP7HS-10	4/5/6/8/9.8hp (2-Stroke)
9701-1-1005	NGK B7HS-10	9.9/15/18/25/30/40hp (2-Stroke)
9701-1-1009	NGK B8HS-10	50/60/70/90/115/120/140hp (2-Stroke)
9701-1-1108	NGK PZFR6H	MD40/50/70/90B (TLDI)
9701-1-1103	NGK DCPR6E	4/5/6/8/9.8/15/20/25/30hp (4-Stroke)
9701-1-1109	NGK IZFR5J	MD115A (TLDI)



Engine Flush Attachments

Flushing attachments allow fresh water to clean the cooling passages.

Parts Number	Description	Applicable
336-60007-0	Flushing Plug	4-30hp (2 & 4-Stroke)
3B7-60007-0	Flushing Plug	40-140hp (2-Stroke & TLDI)



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

2009 TOHATSU Outboards Line-up

T_{LDI}



MD115A



MD90B



MD70B



MD50B



MD40B

TWO
STROKE



M140A2



M120A2



M115A2



M90A



M70C



M60C



MW50D2



M50D2

FOUR
STROKE



MFS30B



MFS25B



MFS20C



MFS15C



MFS9.8A3



MFS8A3



M40D2



M40C



M30A4



M25C3
Jet Drive



M25C3



M18E2



M15D2



M9.9D2



MFS6BS
Super



MFS6BD/S



MFS5BD/S



MFS4BD



MFS3.5A



MFS2.5A



M9.8B



M8B



M6B



M5BD



M4C



M3.5B2



M3.5A2



M2.5A2



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