

FOUR
STROKE

MFS20D



Exceed the European
Union emission standards.



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

FOUR
STROKE

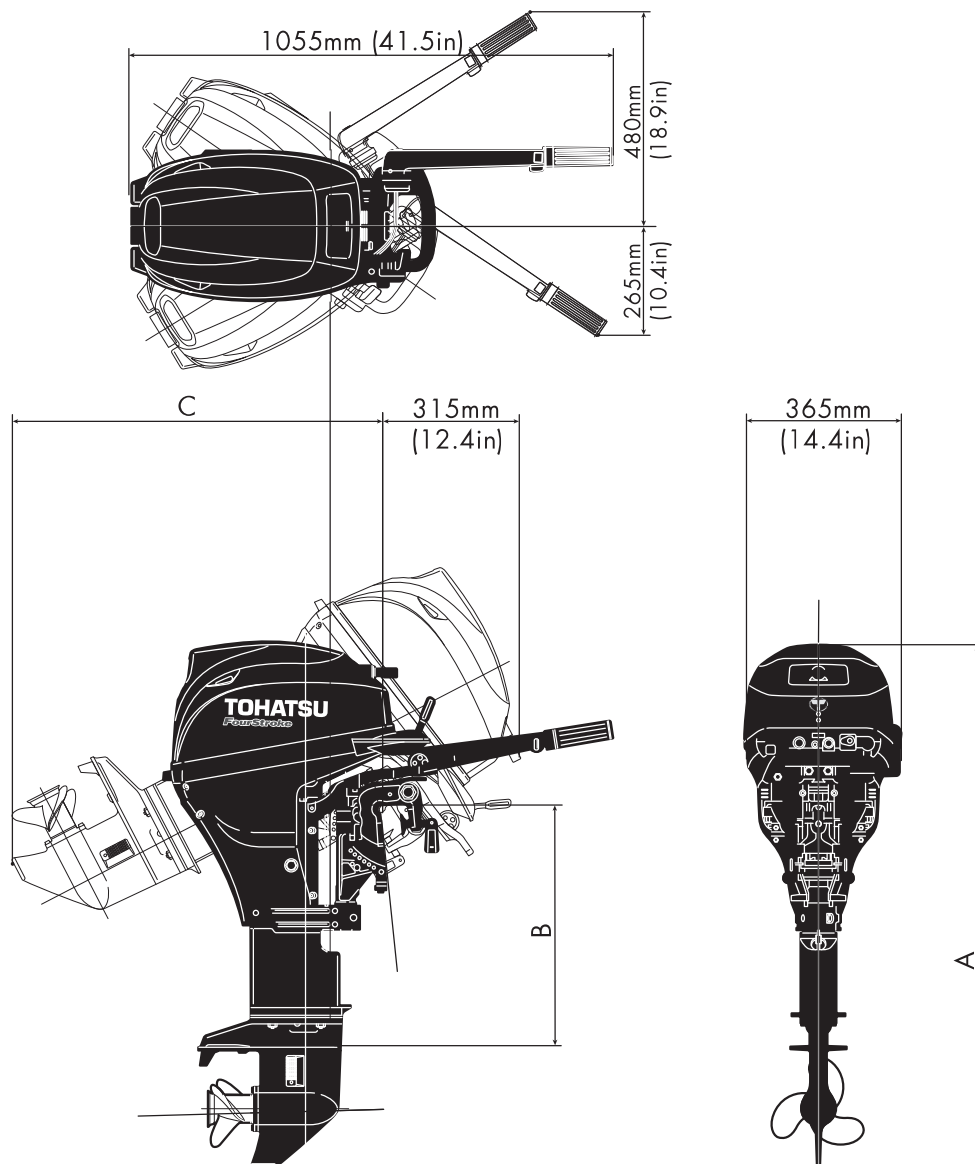
Specifications

Type		Four Stroke
Maximum output	KW (PS)	14.7 (20)
Maximum operating range	r/min	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	ml (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		12V 145W 12A
Engine oil		Tohatsu 4-Stroke Engine Oil
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

FOUR STROKE

Specifications and descriptions are subject to change without notice.

Dimensions



Dry Weight (kg/lbs)

Model	MF	EF	EP	EFT	EPT
Transom S:	52.0 (115)	55.5 (122)	54.5 (120)	62.5 (138)	61.5 (136)
Transom L:	53.5 (118)	57.0 (126)	56.0 (123)	64.0 (141)	63.0 (139)

Dimensions (mm/in)

Model	A	B	C
Transom S:	1085 (42.7)	413 (16.3)	740 (29.1)
Transom L:	1235 (48.6)	562 (22.1)	876 (34.5)

Standard & Optional Equipments

Type	S/L	EFS/L	EPS/L	EFTS/EFTL	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	15/20
Propeller	●	●	●	●	●
Analog Tachometer	-	-	○	-	○
Analog Trim Meter	-	-	-	-	○
Remote Control Box	-	-	●	-	●
12L (3.1 Gal) Plastic Fuel Tank	●	●	●	●	●
Tool Kit	●	●	●	●	●
Emergency Starter Rope	●	●	●	●	●
Spare Spark Plug	●	●	●	●	●
Owners Manual	●	●	●	●	●

● Standard ○ Optional

FOUR STROKE



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



Dual Water
Intake