

# TOHATSU

## OUTBOARD MOTORS





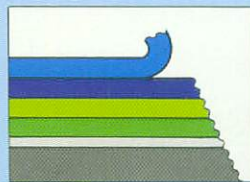
# POWER TO SP

**A FULL LINE OF HIGH PERFO  
BACKED UP BY THE PROUD T**

## TECHNICAL FEATURES

### Rustproofing fivefold coat- ing

The motor is treated with a fivefold coating which protects the motor from rust and greatly extends its service life. The cylinders and gear case are protected by sacrificial anodes.



### C.D. ignition means easy starting every time.

There are no parts to adjust or clean in the C.D. ignition system. Switching

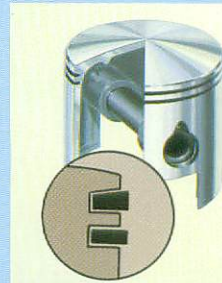
is carried out by a dependable solid state device that is maintenance-free. This means easy starting and troublefree operation at all times by means of its strong spark energy. Trolling at low speed is especially smooth. (All models

except M9.8A/M8A/M3.5A)

### Keystone Piston Ring

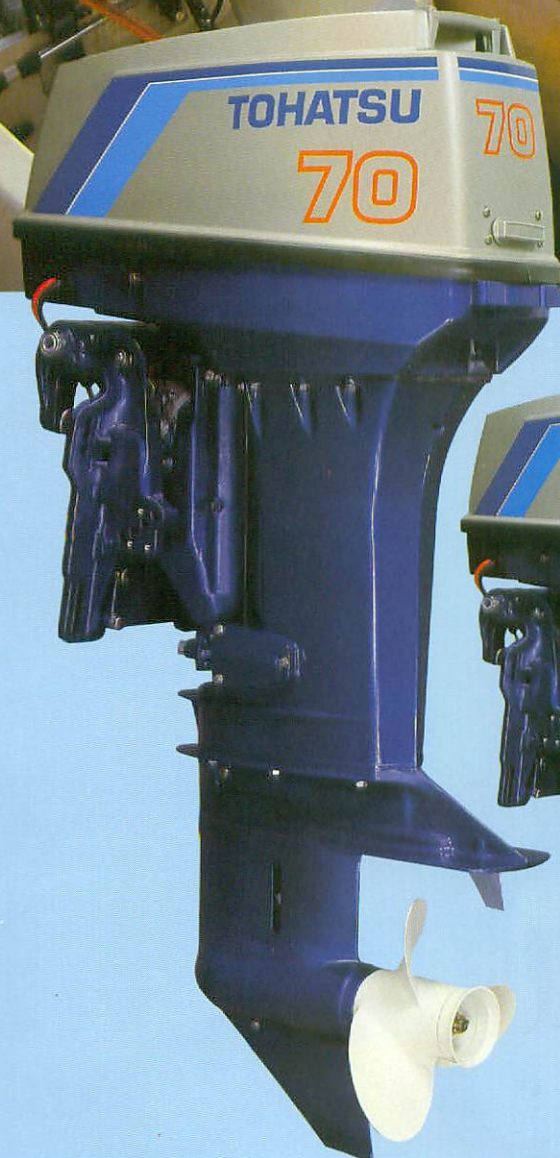
The compression piston ring is a keystone type. This wedge shape has a superior sealing and heat-release effect, and so improves motor efficiency and

freedom from sticking. (M70A/M55B/M40C)



### The "high-rake" propeller features advanced hydro- mechanics.

A lot of thought has gone into this design. TOHATSU's engineering staff has produced a propeller that is as "high-tech" as the engine. The shape



## ACCESSORIES



Remote control system  
(For M70A & M55B)



Remote control system  
(For M40C to M5B  
models)



Electric starter kit



Fuel tanks  
(13 liters (3.43 US gals &  
24 liters (6.34 US gals))



Propellers,  
Test propeller



# ARE WHEN YOU NEED IT

## PERFORMANCE TOHATSU FOR RELIABILITY

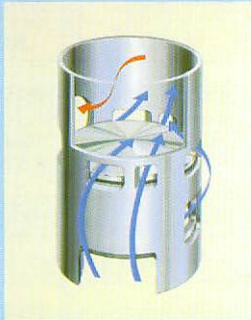
and angle of attack of the blades ensure that all the power of the motor is efficiently transmitted to propel the boat. (M70A/M55B/M40C/M18C/M15B/M12C/M9.9B)



The loop-charging method ensures a stable high output.

TOHATSU outboard motors have employed the "loop charging" for all the models since the start of manufacture so ensuring

a high output and fuel efficiency. (All models)

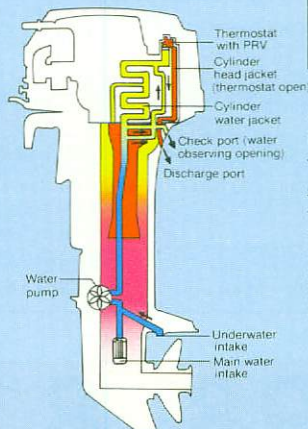


Two-way water intakes prevent accidental motor overheating and cooling water is controlled by thermostat with pressure relief valve.

The cooling system has two-way intakes so that the engine cannot be damaged by overheating should one intake be blocked by plastic sheet or similar drift-

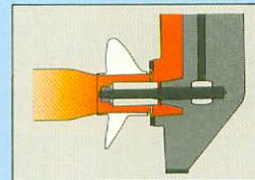
ing objects.

The motor is water-cooled and the amount of cooling water is controlled automatically by a thermostat which also incorporates a relief valve. This cuts down the flow of coolant at the time of starting, which then returns to normal once cruising speed has been attained. (M70A/M55B/M40C/M30A2/M25B/M18C/M15B/M12C/M9.9B)



### Highly efficient "THROUGH-HUB EXHAUST" system

This system permits reduction in exhaust sound yet enhances the exhaust efficiency and output performance. (All models except M25B, M9.9B, M8A and M3.5A)



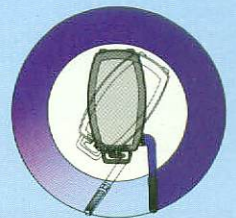
### Compact design and light in weight

The motor has been downsized and reduced in weight without sacrificing its sturdiness. Weighing only 20kg (44.1 lbs) it can be carried single-handedly. (M5B/M5BS)



### Full-turn steering

The method of steering permits the engine to be turned through 360°. This allows the boat to travel in reverse even though the clutch is in its FORWARD position. This feature is unusual for motors in this class. (M5B/M5BS/M3.5A)



Vinyl cover



Engine oil



Touch-up paint



Cooling system flusher



Timing tester, Tachometer & Magneto tester



Gear lubricant





## SPECIFICATIONS

MODEL	70	55	40	30	25	18	15
	M70A	M55B	M40C	M30A2	M25B	M18C	M15B
Engine	2-Cycle, Twin						
Output	70PS/5,500 r.p.m.	55PS/5,250 r.p.m.	40PS/5,800 r.p.m.	30PS/5,200 r.p.m.	25PS/5,000 r.p.m.	18PS/5,500 r.p.m.	15PS/5,500 r.p.m.
Displacement	845 cc (51.6 cu. in.)	749 cc (45.7 cu. in.)	493 cc (30.1 cu. in.)	430 cc (26.3 cu. in.)	430 cc (26.3 cu. in.)	294 cc (17.9 cu. in.)	247 cc (15.1 cu. in.)
Bore & Stroke	86 x 72.7 mm (3.39 x 2.86 in.)	81 x 72.7 mm (3.19 x 2.86 in.)	70 x 64 mm (2.76 x 2.52 in.)	68 x 59 mm (2.68 x 2.32 in.)	68 x 59 mm (2.68 x 2.32 in.)	60 x 52 mm (2.36 x 2.05 in.)	55 x 52 mm (2.17 x 2.05 in.)
Ignition System	Flywheel Magneto (Capacitor Discharge Ignition)						
Starting	Electric Starter	Electric Starter (Option: Manual Starter)	Auto Rewind, Option: Electric Starter				
Cooling	Water						
Controls	Remote Control		Twist Grip, Option: Remote Control				
Gear Shift	Forward-Neutral-Reverse						
Gear Ratio	12 : 23	12 : 23	13 : 25	12 : 23	12 : 23	13 : 24	13 : 24
Propeller	9.0" ~ 17.5"	9.0" ~ 17.5"	7.0" ~ 14.0"	8.0" ~ 14.0"	8.5" ~ 13.5"	6.0" ~ 10.0"	6.0" ~ 10.0"
Transom Height	L (20") Option: UL (25")	L (20") Option: UL (25")	S (15"), L (20") Option: LL (22"), UL (25")	S (15"), L (20") Option: LL (22"), UL (25")	S (15"), L (20") Option: LL (22"), UL (25")	S (15"), L (20") Option: LL (22"), UL (25")	S (15"), L (20") Option: LL (22"), UL (25")
Fuel	Gasoline Oil Mixture — 50 : 1(Use TOHATSU Genuine Oil)						
Fuel Tank Capacity	24 Lit.(6.34 US gals) Separate Tank						
Weight	94 kgs. (207.2 lbs.)	90 kgs. (198.4 lbs.)	59 kgs. (130.1 lbs.)	46 kgs. (101.4 lbs.)	46 kgs. (101.4 lbs.)	37 kgs. (81.6 lbs.)	37 kgs. (81.6 lbs.)
Silencing	Under-Water Exhaust						
Lighting	12 V, 80W Coil with Terminal						
Remote Control	Tiller handle (Option)		Available				
Recommended Operation Range	5,000 ~ 5,500 r.p.m.	4,500 ~ 5,500 r.p.m.	5,200 ~ 5,800 r.p.m.	4,800 ~ 5,500 r.p.m.	4,800 ~ 5,500 r.p.m.	4,750 ~ 5,500 r.p.m.	4,750 ~ 5,500 r.p.m.

MODEL	12	9.9	9.8	8	5	3.5
	M12C	M9.9B	M9.8A	M8A	M5B/M5BS	M3.5A
Engine	2-Cycle, Twin			2-Cycle, Single		
Output	12PS/5,000 r.p.m.	9.9PS/4,800 r.p.m.	9.8PS/5,000 r.p.m.	8PS/6,000 r.p.m.	5PS/5,000 r.p.m.	3.5PS/4,750 r.p.m.
Displacement	247 cc (15.1 cu. in.)	247 cc (15.1 cu. in.)	183 cc (11.2 cu. in.)	137 cc (8.4 cu. in.)	102 cc (6.2 cu. in.)	74.6 cc (4.6 cu. in.)
Bore & Stroke	55 x 52 mm (2.17 x 2.05 in.)	55 x 52 mm (2.17 x 2.05 in.)	52 x 43 mm (2.05 x 1.69 in.)	45 x 43 mm (1.77 x 1.69 in.)	55 x 43 mm (2.17 x 1.69 in.)	47 x 43 mm (1.85 x 1.69 in.)
Ignition System	Flywheel Magneto (Capacitor Discharge Ignition)		Flywheel Magneto		Flywheel Magneto (C.D.I.)	Flywheel Magneto
Starting	Auto Rewind, Option: Electric Starter		Auto Rewind			
Cooling	Water					
Controls	Twist Grip, Option: Remote Control					Throttle Lever
Gear Shift	Forward-Neutral-Reverse					Non-Clutch
Gear Ratio	13 : 24	13 : 24	13 : 30	13 : 30	28 : 13	13 : 24
Propeller	6.0" ~ 10.0"	6.0" ~ 10.0"	9.0"	6.0" ~ 8.5"	7.0" ~ 9.0"	6.0"
Transom Height	S (15"), L (20") Option: LL (22"), UL (25")	S (15"), L (20") Option: LL (22"), UL (25")	S (15"), L (20") Option: LL (22"), UL (25")	S (15"), L (20") Option: LL (22"), UL (25")	S (15"), L (20") Option: UL (25")	S (15"), L (20")
Fuel	Gasoline Oil Mixture — 50 : 1 (Use TOHATSU Genuine Oil)					
Fuel Tank Capacity	24 Lit. (6.34 US gals) Separate Tank			13 Lit. (3.43 US gals) Separate Tank	For M5B: 2.5 Lit. (0.66 US gals) Integral Tank For M5BS: 13 Lit. (3.43 US gals) Separate Tank	1.4 Lit. (0.37 US gals) Integral Tank Option: 13 Lit. (3.43 US gals) Separate Tank
Weight	37 kgs. (81.6 lbs.)	37 kgs. (81.6 lbs.)	31 kgs. (68.3 lbs.)	28 kgs. (61.7 lbs.)	20 kgs. (44.1 lbs.)	12.5 kgs. (27.6 lbs.)
Silencing	Under-Water Exhaust					
Lighting	12V, 80W Coil with Terminal		12V, 35W Coil with Terminal		Option: 12V, 40W Coil with Terminal	
Remote Control	Available					—
Recommended Operation Range	4,500 ~ 5,300 r.p.m.	4,500 ~ 5,300 r.p.m.	5,000 ~ 6,000 r.p.m.	5,000 ~ 6,000 r.p.m.	4,500 ~ 5,500 r.p.m.	4,300 ~ 5,000 r.p.m.

We reserve the right to change and improve models without prior notice.



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