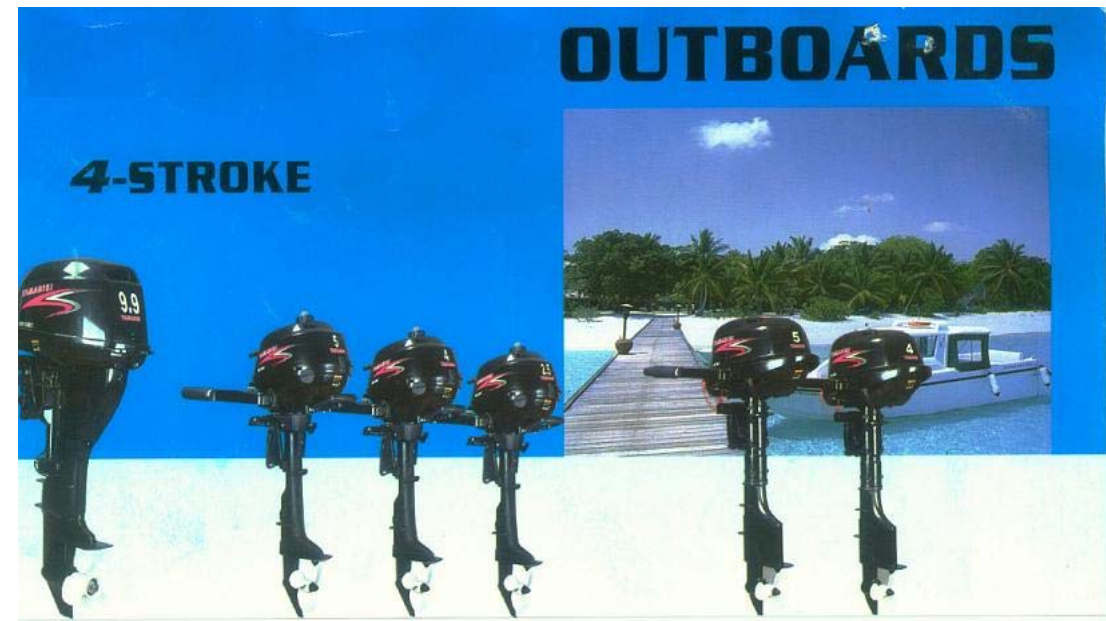




2-STROKE



OUTBOARDS

4-STROKE



Outboard Motor Technical Parameter List

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Item NO. Parameter	measurement units	FOUR-STROKE					TWO-STROKE					
		F2.5BMS	F4BM(S/L)	F5BM(S/L)	F9.9BM(S/L)	F15BM(S/L)	T2.5BM	T4BM (S/L)	T5BM (S/L)	T9.9BM (S/L)	T15BM (S/L)	T40BM (L)
Length	mm(in.)	625(25)	717(28.2)	717(28.2)	1001 (39.4)	1001 (39.4)	603 (23.7)	677 (26.7)	677 (26.7)	873 (34.4)	873 (34.4)	1106 (43.5)
Width	mm(in.)	343(13.5)	361(14.2)	361(14.2)	427 (16.8)	427 (16.8)	240 (9.4)	322(12.7)	322(12.7)	332 (13.1)	332 (13.1)	408 (16.0)
Height	mm(in.)	1013(39.9)	S: 1029 (40.5) L: 1156 (45.5)	S: 1029 (40.5) L: 1156 (45.5)	S: 1080 (42.5) L: 1207 (47.5)	S: 1080 (42.5) L: 1207 (47.5)	916 (36.1)	S:1011 (39.8) L:1138 (44.8)	S:1011 (39.8) L:1138 (44.8)	S: 1040 (40.9) L: 1167 (45.9)	S: 1040 (40.9) L: 1167 (45.9)	1340 (52.8)
Transom height	mm(in.)	S:381 (15.0)	S:433 (17.1) L:560 (22.1)	S:433 (17.1) L:560 (22.1)	S:440 (17.3) L:567 (22.3)	S:440 (17.3) L:567 (22.3)	417 (16.4)	S:444 (17.50) L:571 (22.50)	S:440 (17.30) L:567 (22.30)	S:440 (17.30) L:567 (22.30)	S:440 (17.30) L:567 (22.30)	533 (21.8)
Net Weight		S:17	S:22; L:23	S:22; L:23	S:39.9; L:40.9	S:39.9; L:40.9	9.8	S:21; L:21.5	S:21; L:21.5	S:36; L:37.5	S:36; L:37.5	75.5
Full throttle operating range	r/min	5250~5750	4000~5000	4000~5000	4500~5500	4500~5500	4000~5000	4500~5500		4500~5500		4500~5500
Maximum output	KW(HP)@r/min	1.9 (2.5) @5500	2.9 (4) @4500	2.9 (4) @4500	7.3 (9.9) @5000	11 (15) @5000	1.5 (2) @4500	2.9 (4) @5000	3.7 (5) @5000	7.3 (9.9) @5000	11 (15) @5000	29.4 (40) @5000
Idling speed	r/min	2000~2200	1250~1350	1250~1350	900~1000	900~1000	1100~1200	1100~1200		700~800		750~850
Engine type		OHV	OHV	OHV	OHC		2-Stroke	2-Stroke		2-Stroke		2-Stroke
Cylinder quantity		1	1	1	2		1	1		L2		L2
Displacement	cm3	72	112	112	323		50	83		246		698
Bore×Stroke	mm(in.)	47×43	59×41(2.32×1.61)	59×41(2.32×1.61)	59×59(2.32×2.32)		42.0×36.0(1.65×1.42)	54.0×45.0(2.13×1.77)		56.0×50.0(2.20×1.97)		67.0×66.0(2.64×2.60)
Control system		Tiller	Tiller	Tiller	Tiller	Tiller	Tiller	Tiller		Tiller		Tiller
Starting System		Manual	Manual	Manual	Manual	Manual	Manual	Manual		Manual		Manual
Gear positions		Forward-neutral		Forward-neutral-reverse			Forward-neutral	Forward-neutral-reverse				
Gear ratio		2.08 (27/13)	2.08 (27/13)				2.08 (27/13)	2.08 (27/13)		2.08 (27/13)		1.85(24/13)
Trim and tilt system		Manual tilt					Manual tilt					
Fuel tank volume	L(integral)	1.2	1.3	1.3	24		1.2	2.8		24		24
Engine fuel ratio		/					gasoline: engine oil=50: 1					
Engine oil	L(integral)	0.35	0.5	0.5	1		/	/		/		/
Gear oil	cm3	75	100	100	250		100	320		250		430
Propeller spec	in	3-7 1/7"×6"	3-7 1/7"×7"	3-7 1/7"×7"	3-9 1/4"×11" or 3-9 1/4"×8"		3-7 1/4"×6"	3-7 1/7"×7"		3-9 1/4"×8" or 3-9 1/4"×11"		3-11 1/8"×13"