

70EL79 (Long)	1. 55EL79 (Long) 2. 55E79 (Short)	1. 50RL79 (Long) 2. 50R79 (Short)	1. 35RL79 (Long, manual) 2. 35R79 (Short, manual) 3. 35EL79 (Long, electric) 4. 35E79 (Short, electric)	1. 25RL79 (Long, manual) 2. 25R79 (Short, manual) 3. 25EL79 (Long, electric) 4. 25E79 (Short, electric)	1. 15RL79 (Long, manual) 2. 15R79 (Short, manual) 3. 15EL79 (Long, electric) 4. 15E79 (Short, electric)	1. 10RL79 (Long, manual) 2. 10R79 (Short, manual) 3. 10EL79 (Long, electric) 4. 10E79 (Short, manual long, electric, heavy duty reverse thrust)	1. 6RL79 (Long) 2. 6R79 (Short)	1. 4R79 (Short, 90° drive)†† 2. 4RL79 (Long, 90° drive) 3. 4W79 (Short, weed resistant Angle-Matic drive)††	2R79 (Short)††
0 at 5000 RPM. Full throttle operating range: 500-5500 RPM	55 at 5500 RPM. Full throttle operating range: 5000-6000 RPM	50 at 5000 RPM. Full throttle operating range: 4500-5500 RPM	35 at 5500 RPM. Full throttle operating range: 5000-6000 RPM	25 at 5000 RPM. Full throttle operating range: 4500-5500 RPM	15 at 6000 RPM. Full throttle operating range: 5500-6500 RPM	9-9 at 5000 RPM. Full throttle operating range: 4500-5500 RPM	6 at 4500 RPM. Full throttle operating range: 4000-5000 RPM	4 at 4500 RPM. Full throttle operating range: 4000-5000 RPM	2 at 4500 RPM. Full throttle operating range: 4200-4800 RPM
3	2	2	2	2	2	2	2	2	1
49.7 cu. ins. (814 c.c.)	44.09 cu. ins. (737 c.c.)	44.99 cu. ins. (737 c.c.)	31.8 cu. ins. (521 c.c.)	31.8 cu. ins. (521 c.c.)	13.2 cu. ins. (216 c.c.)	13.2 cu. ins. (216 c.c.)	8.84 cu. ins. (145 c.c.)	5.28 cu. ins. (87 c.c.)	2.64 cu. ins. (43 c.c.)
3.000 ins.—2.340 ins.	3.187 ins.—2.820 ins.	3.187 ins.—2.820 ins.	3.000 ins.—2.250 ins.	3.000 ins.—2.250 ins.	2.188 ins.—1.760 ins.	2.188 ins.—1.760 ins.	1.9375 ins.—1.500 ins.	1.5625 ins.—1.375 ins.	1.5625 ins.—1.375 ins.
12-volt key switch electric	12-volt key switch electric	Automatic rewind manual	1-2. Auto-rewind manual 3-4. 12-volt key switch electric	1-2. Auto-rewind manual 3-4. 12-volt key switch electric	1-2. Auto-rewind manual 3-4. 12-volt push button electric*	1-2. Auto-rewind manual 3-4. 12-volt push button electric**	Auto-rewind manual	Auto-rewind manual	Auto-rewind manual
Mechanical F-N-R	Mechanical F-N-R	Mechanical F-N-R	Mechanical F-N-R	Mechanical F-N-R	Mechanical F-N-R	Mechanical F-N-R	Mechanical F-N-R	Full 360° pivot	Full 360° pivot
Command Center single lever remote*	Command Center single lever remote*	Twist-Grip throttle	1-2. Twist-grip steering arm 3-4. Accessory dual lever remote control	1-2. Twist-grip steering arm 3-4. Accessory dual lever remote control	1-2-3-4. Twist-grip steering arm 3-4. Accessory dual lever remote control	1-2-3-4. Twist-grip steering arm 3-4. Accessory dual lever remote control	Twist-grip steering arm Accessory dual lever remote control	Synchronized spark and throttle lever†††	Synchronized spark and throttle lever
2 carbs, fixed high and low speed jets	2 carbs, fixed high and low speed jets	2 carbs, fixed high and low speed jets	1 carb, fixed high and adjustable low speed jets	1 carb, fixed high and adjustable low speed jets	1 carb, fixed high and adjustable low speed jets	1 carb, fixed high and adjustable low speed jets	1 carb, fixed high and adjustable low speed jets	1 carb, fixed high and adjustable low speed jets	1 carb, adjustable high and low speed jets
Remote electric with manual over ride	Remote electric with manual over ride	Manual	1-2. Manual 3-4. Remote electric with manual over ride	1-2. Manual 3-4. Remote electric with manual over ride	Manual	Manual	Manual	Manual	Manual
Separate 6-gallon tank*	Separate 6-gallon tank*	Separate 6-gallon tank*	Separate 6-gallon tank*	Separate 6-gallon tank*	Separate 6-gallon tank*	Separate 6-gallon tank*	Separate 3-gallon tank*	Integral 1½-quart tank*	Integral 1-quart tank*
50:1***	60:1***	50:1***	50:1***	50:1***	50:1***	50:1***	50:1***	50:1***	60:1***
6-amp	5-amp		3-4. 5-amp	3-4. 5-amp	3-4. 5-amp	3-4. 5-amp			
MagFlash magneto CD	MagFlash magneto CD	MagFlash magneto CD	MagFlash magneto CD	MagFlash magneto CD	MagFlash magneto CD	MagFlash magneto CD	MagFlash magneto CD	MagFlash magneto CD	Flywheel magneto
Adjustable bolt-on bracket	Adjustable bolt-on bracket	Clamp screws, transom plate and bolts	Clamp-on bracket, 5-position adjustable trim with transom bolts	Clamp-on bracket, 4-position adjustable trim with transom bolts	Clamp-on bracket, 5-position adjustable trim	Clamp-on bracket, 5-position adjustable trim	Clamp-on bracket, 4-position adjustable trim	Clamp-on bracket, 4-position adjustable trim	Clamp-on bracket, 4-position adjustable trim
12:29 (.414)	12:29 (.414)	12:32 (.375)	14:27 (.52)	12:21 (.57)	12:29 (.414)	12:29 (.414)	12:25 (.48)	1-2. 12:25 (.48) 3. 17:28 (.61)	12:25 (.48)
230 lbs.	1. 187 lbs. 2. 180 lbs.	1. 202 lbs. 2. 195 lbs.	1. 118 lbs. 2. 114 lbs. 3. 121 lbs. 4. 117 lbs.	1. 103 lbs. 2. 101 lbs. 3. 106 lbs. 4. 104 lbs.	1. 77 lbs. 2. 72 lbs. 3. 82 lbs. 4. 77 lbs.	1. 77 lbs. 2. 72 lbs. 3. 82 lbs.	1. 55 lbs. 2. 54 lbs.	1. 38 lbs. 2. 39 lbs. 3. 38 lbs.	24 lbs.
3¼"x17"x3	12¼"x15"x3	13¼"x15"x3 SST	10"x13"x3	9¼"x11"x3	9¼"x10"x3	1-2-3. 9¼"x10"x3 4. 9¼"x8"x3	8"x7"x3	1-2. 7½"x6"x3 3. 6¼"x8"x2 (weedless)	7¼"x4¼"x3

FREE EXCHANGE AND ACCESSORY PROPELLERS To get maximum performance from your new outboard, your Johnson dealer will help you select a propeller that fits your needs, taking into consideration the boat and its intended use. On models 6 hp. and up, the prop packed with the outboard can be exchanged free, at time of purchase, for your choice of a number of other aluminum or plastic props. Additional props are available as extra-cost accessories. Here is the complete propeller selection.

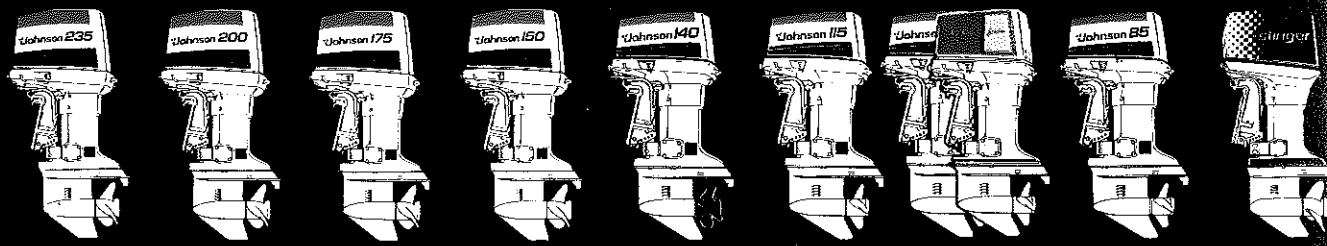
HP.	PROPELLERS (Dia. x Pitch x No. Blades)
Free exchange propellers (aluminum unless noted)	
235, 200, 175, 150	15¼"x13"x3 15½"x15"x3 15"x17"x3 14½"x19"x3 14¼"x21"x3 14½"x23"x3
50, 70, 75 Long, 85, 100, 115, 140	14"x11"x3 14"x13"x3 13¾"x15"x3

HP.	PROPELLERS (Dia. x Pitch x No. Blades)
55, 75 Standard	13¼"x17"x3 13"x19"x3 12¾"x21"x3 12¾"x23"x3 14"x9"x3 (70, 75 Long only)
35	13"x11"x3 12½"x13"x3 12¼"x15"x3 11¾"x17"x3 11½"x19"x3
25	11½"x7"x3 11"x9"x3 10½"x11"x3 10"x13"x3
9.9, 15	9¼"x11"x3 9¼"x7"x3 9"x10"x3 weedless 9"x9"x3
	9½"x10"x3 10"x5"x3 9"x10"x2 weedless 9¼"x8"x3

HP.	PROPELLERS (Dia. x Pitch x No. Blades)
6	8"x7"x3 8"x7"x2 8¼"x5"x3 plastic 8"x7½"x2 plastic
The following bronze propellers are available as extra-cost accessories:	
50, 70, 75 Long, 85, 100, 115, 140	13¾"x21"x2 13¾"x21"x2 cupped 13¾"x23"x2 cupped
The following Teflon-S [®] -coated stainless steel "SST" props are available as extra-cost accessories:	
235, 200, 175, 150	15"x17"x3 14½"x19"x3 14¼"x21"x3 14¼"x23"x3 14½"x24"x3 surfacing 14½"x26"x3 surfacing 15"x28"x3 surfacing
50, 70, 75 Long, 85, 100, 115, 140	13¾"x15"x3 13¼"x17"x3 13"x19"x3

HP.	PROPELLERS (Dia. x Pitch x No. Blades)
	12¾"x21"x3 12¾"x23"x3 12¾"x23"x3 Silver Streak
(NOTE: On 140 T-N-T models, SST props free-exchanged.)	
55, 75 Standard	12½"x13"x3 12¼"x15"x3 11¾"x17"x3 11¼"x19"x3
35	10½"x11"x3 11"x9"x3 10¼"x13"x3
25	9¼"x9"x3 9¼"x12"x3
Extra propellers for small Sea-Horse models, available at extra cost, are as follows:	
4 (90°)	7½"x6"x3 plastic
4 (Angle-Matic)	6¼"x6"x2 plastic
2	7¼"x4¼"x3 alum.

SPECIFICATIONS 1979



Sea-Horse Models (Short: fits 15" transom; Long: 20"; X-long: 25")	1. 235TL79 (X-long with power Trim 'N' Tilt) 2. 235TL79 (Long with power Trim 'N' Tilt)	1. 200TL79 (X-long with power Trim 'N' Tilt) 2. 200TL79 (Long with power Trim 'N' Tilt)	1. 175TL79 (X-long with power Trim 'N' Tilt) 2. 175TL79 (Long with power Trim 'N' Tilt)	1. 150TL79 (X-long with power Trim 'N' Tilt) 2. 150TL79 (Long with power Trim 'N' Tilt)	1. 140TL79 (X-long with power Trim 'N' Tilt) 2. 140TL79 (Long with power Trim 'N' Tilt) 3. 140ML79 (Long)	1. 115TL79 (X-long with power Trim 'N' Tilt) 2. 115TL79 (Long with power Trim 'N' Tilt) 3. 115ML79 (Long)	1. 100TL79 (X-long with power Trim 'N' Tilt) 2. 100TL79 (Long with power Trim 'N' Tilt) 3. 100ML79 (Long)	1. 85TL79 (X-long with power Trim 'N' Tilt) 2. 85TL79 (Long with power Trim 'N' Tilt) 3. 85ML79 (Long)	1. 75EL79 (Long) 2. 75ER79 (Short)
BIA Certified Horsepower	235 at 5250 RPM. Full throttle operating range: 4750-5750 RPM	200 at 5250 RPM. Full throttle operating range: 4750-5750 RPM	175 at 5000 RPM. Full throttle operating range: 4500-5500 RPM	150 at 5000 RPM. Full throttle operating range: 4500-5500 RPM	140 at 5000 RPM. Full throttle operating range: 4500-5500 RPM	115 at 5000 RPM. Full throttle operating range: 4500-5500 RPM	100 at 5000 RPM. Full throttle operating range: 4500-5500 RPM	85 at 5000 RPM. Full throttle operating range: 4500-5500 RPM	75 at 5500 RPM. Full throttle operating range: 5200-5800 RPM
Cylinders	V-6	V-6	V-6	V-6	V-4	V-4	V-4	V-4	3
Piston Displacement	149.4 cu. ins. (2448 c.c.)	149.4 cu. ins. (2448 c.c.)	149.4 cu. ins. (2448 c.c.)	149.4 cu. ins. (2448 c.c.)	99.6 cu. ins. (1632 c.c.)	99.6 cu. ins. (1632 c.c.)	99.6 cu. ins. (1632 c.c.)	99.6 cu. ins. (1632 c.c.)	49.7 cu. ins. (814 c.c.)
Bore-Stroke	3.500 ins. — 2.588 ins.	3.500 ins. — 2.588 ins.	3.500 ins. — 2.588 ins.	3.500 ins. — 2.588 ins.	3.500 ins. — 2.588 ins.	3.500 ins. — 2.588 ins.	3.500 ins. — 2.588 ins.	3.500 ins. — 2.588 ins.	3.000 ins. — 2.340 ins.
Starting	12-volt key switch electric	12-volt key switch electric	12-volt key switch electric	12-volt key switch electric	12-volt key switch electric	12-volt key switch electric	12-volt key switch electric	12-volt key switch electric	12-volt key switch electric
Shifting System	Mechanical F-N-R	Mechanical F-N-R	Mechanical F-N-R	Mechanical F-N-R	Mechanical F-N-R	Mechanical F-N-R	Mechanical F-N-R	Mechanical F-N-R	Mechanical F-N-R
Speed Control	Command Center single lever remote*	Command Center single lever remote*	Command Center single lever remote*	Command Center single lever remote*	Command Center single lever remote*	Command Center single lever remote*	Command Center single lever remote*	Command Center single lever remote*	Command Center single lever remote*
Carburation	3 dual-barrel carbs, fixed high and low speed jets	3 dual-barrel carbs, fixed high and low speed jets	3 dual-barrel carbs, fixed high and low speed jets	3 dual-barrel carbs, fixed high and low speed jets	2 dual-barrel carbs, fixed high and low speed jets	2 dual-barrel carbs, fixed high and low speed jets	2 dual-barrel carbs, fixed high and low speed jets	2 dual-barrel carbs, fixed high and low speed jets	3 carbs, fixed high and low speed jets
Choke	Remote electric with manual override	Remote electric with manual override	Remote electric with manual override	Remote electric with manual override	Remote electric with manual override	Remote electric with manual override	Remote electric with manual override	Remote electric with manual override	Remote electric with manual override
Fuel Capacity	Separate 6-gallon tank*	Separate 6-gallon tank*	Separate 6-gallon tank*	Separate 6-gallon tank*	Separate 6-gallon tank*	Separate 6-gallon tank*	Separate 6-gallon tank*	Separate 6-gallon tank*	Separate 6-gallon tank*
Fuel Mix (Gas-Lubricant)	50:1***	50:1***	50:1***	50:1***	50:1***	50:1***	50:1***	50:1***	50:1***
Alternator	10-amp	10-amp	10-amp	10-amp	1-2, 10-amp 3, 6-amp	1-2, 10-amp 3, 6-amp	1-2, 10-amp 3, 6-amp	1-2, 10-amp 3, 6-amp	6-amp
Ignition	Dual MagFlash magneto CD	Dual MagFlash magneto CD	Dual MagFlash magneto CD	Dual MagFlash magneto CD	Dual MagFlash magneto CD	Dual MagFlash magneto CD	Dual MagFlash magneto CD	Dual MagFlash magneto CD	MagFlash magneto CD
Transom Mounting	Adjustable bolt-on bracket	Adjustable bolt-on bracket	Adjustable bolt-on bracket	Adjustable bolt-on bracket	Adjustable bolt-on bracket	Adjustable bolt-on bracket	Adjustable bolt-on bracket	Adjustable bolt-on bracket	Adjustable bolt-on bracket
Gear Ratio	14:26 (-54)	14:26 (-54)	14:26 (-54)	14:26 (-54)	13:26 (-5)	13:26 (-5)	13:26 (-5)	13:26 (-5)	1, 12:29 (-414) 2, 15:26 (-536)
Weight	1. 401 lbs. 2. 396 lbs.	1. 386 lbs. 2. 381 lbs.	1. 386 lbs. 2. 381 lbs.	1. 386 lbs. 2. 381 lbs.	1. 315 lbs. 2. 310 lbs. 3. 293 lbs.	1. 306 lbs. 2. 301 lbs. 3. 288 lbs.	1. 306 lbs. 2. 301 lbs. 3. 288 lbs.	1. 306 lbs. 2. 301 lbs. 3. 288 lbs.	1. 230 lbs. 2. 198 lbs.
Propeller Packed with Engine - Dia. X Pitch X No. Blades	14 1/4" x 21" x 3	14 1/4" x 21" x 3	14 1/4" x 19" x 3	15" x 17" x 3	1-2, 13 1/2" x 19" x 3 SET 3, 13" x 19" x 3	13 1/2" x 19" x 3	13 1/4" x 17" x 3	13 1/4" x 17" x 3	1, 13 1/4" x 17" x 3 2, 11 1/4" x 17" x 3

ELECTRICS	1200	2400
Full Power Static Thrust	15 lbs.	22 lbs.
Motor Type	Sealed permanent magnet	Sealed permanent magnet
Operating Current Full Speed	20 amps	23 amps
Operating Voltage	12 volts	24 volts
Battery Recommended	One 90-100 ampere hours	Two 90-100 ampere hours
Steering Cable	5 ft. or 8 ft.	5 ft. or 8 ft.
Speed Control	Foot Dial, infinite selection	Foot dial, 6 speeds (3 at 12 volts, 3 at 24 volts)
Propeller	2 blade fiber-filled Plastic	2 blade fiber-filled Plastic
Vertical Adjustment	15-inch range	15-inch range
Weight	25 lbs. (includes foot control)	25 lbs. (includes foot control)
Mounting	Deck bolt-on	Deck bolt-on

FOOTNOTES

*A Command Center control is packaged with every Johnson model, 55 hp. and up, but priced separately.

**Electric model also has automatic rewind manual start. Accessory batteries and battery carrying cases available.

***With Boating Industry Association certified "TC-W" grade lubricant. Johnson Premium 50:1 Lubricant is recommended.

†Accessory remote control available; accessory top mount controls for sailboat installations also available.

††Accessory shaft extensions available.

†††Accessory top mount controls for sailboat installations available.

*Capacity shown in U.S. measures. For imperial and metric measure convert accordingly.

WARRANTY INFORMATION

A full statement of the coverage, terms and conditions applying to the Johnson Outboards warranty has been furnished to all authorized Johnson dealerships for posting at the point of sale. In addition, complete warranty information is published in the Owner's Manual supplied with each 1979 Johnson outboard.

Specifications, descriptions and illustrative material contained in this brochure are accurate as of the date it was approved for printing.

Johnson Outboards reserves the right to discontinue models or change specifications or designs at any time without notice and without incurring obligation. All models and accessories available subject to production schedules.