

SeaVee 340Z (2019-)

Brief Summary

The SeaVee 340Z is a center console that combines a two-stepped hull and uses either twin or triple engines to get a bite, while helping anglers make the most of time on board with fishing features like multiple rod holders, substantial fishbox space, transom and in-deck livewells, and all-around coaming pads. An optional upper station adds to the fishability and improves the skipper’s vantage point when working birds and breaking bait are far off. The boat is sold factory-direct.

Price

Base Price

Prices, features, designs, and equipment are subject to change. Please see your local dealer or visit the builder's website for the latest information available on this boat model.

Key Features

- Two-step hull
- Triple Evinrude E-TEC G2 300s
- Upper helm station
- Two livewells
- Evinrude ICON Touch 7” (17.78 cm) engine control display
- Foredeck coffin box that raises on electric rams
- All-around coaming pads
- Evinrude ICON II Premium EST electronic shift and throttle control binnacle

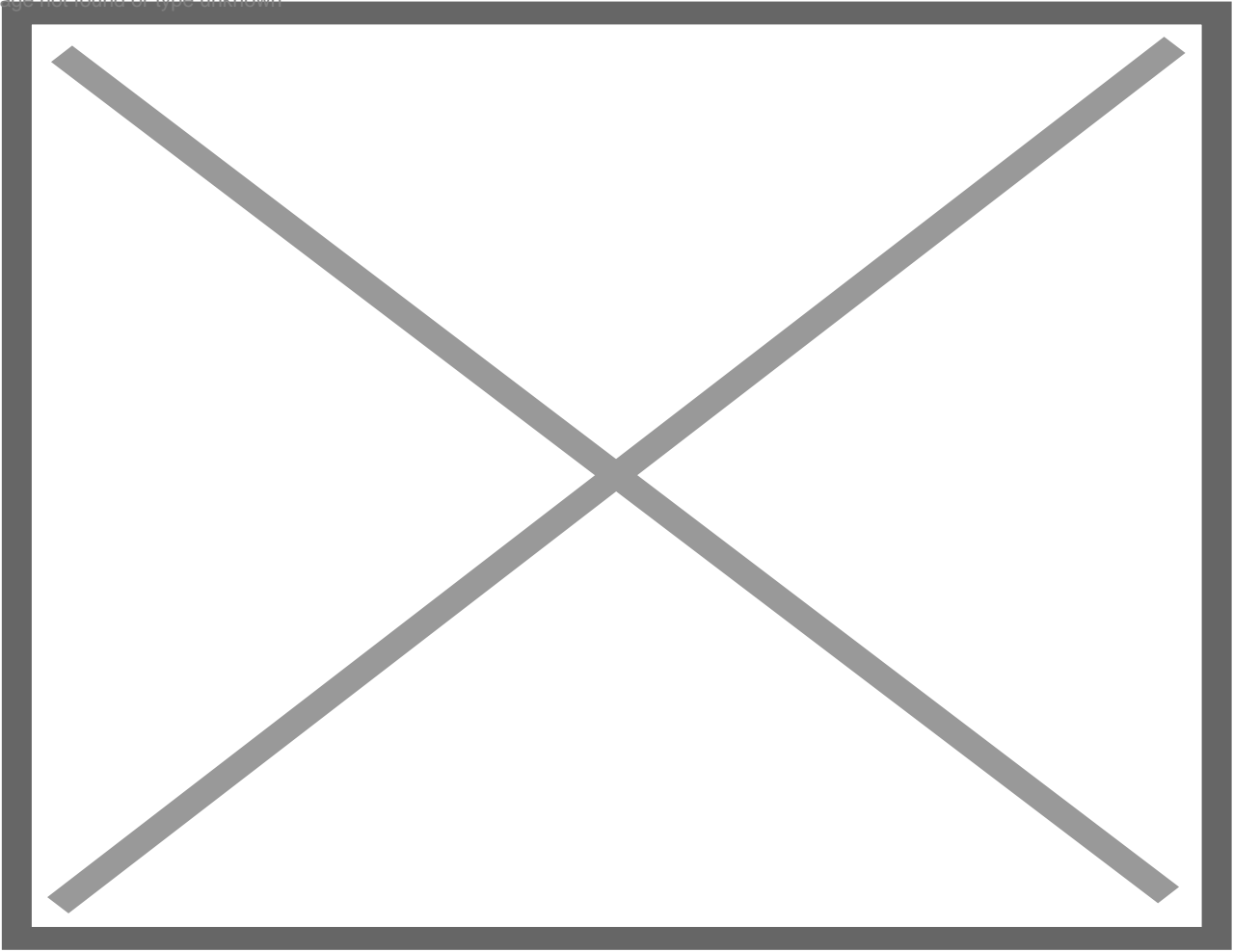
Test Results

RPM	MPH	Knots	GPH	MPG	NMPG	STAT. MILE	NM	dBa
600	3.5	3	0.8	4.3	3.7	1404	1220.9	67
1000	6.2	5.3	2.1	2.9	2.6	964	838.3	71
1500	9	7.8	5.8	1.5	1.3	502	436.2	76

RPM	MPH	Knots	GPH	MPG	NMPG	STAT. MILE	NM	dBa
2000	10.2	8.8	14.6	0.7	0.6	227	197.6	79
2500	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3000	17.3	15	24.2	0.7	0.6	233	202.8	87
3500	27.1	23.5	23.4	1.2	1	379	329.4	89
4000	35.8	31.1	31	1.2	1	379	329.4	91
4500	43.7	38	38	1.1	1	377	327.5	92
5000	48.7	42.3	46.8	1	0.9	341	296.2	94
5500	54.9	47.7	61.8	0.9	0.8	291	252.6	96
5800	57.9	50.3	72.9	0.8	0.7	260	226	98

[View the test results in metric units](#)

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Specifications

Length Overall	34' 9"
BEAM	10' (3.05 m)
Dry Weight	7,950 lbs. (3,606 kg)
Tested Weight	11,811 lbs. (5,367 kg)
Draft	20" (51 cm)
Draft Up	

Draft Down	
Air Draft	
Deadrise/Transom	
Max Headroom	N/A
Bridge Clearance	N/A
Weight Capacity	
Person Capacity	
Fuel Capacity	364 gal. (1,377 L)
Water Capacity	46 gal. (174 L)
Length on Trailer	
Height on Trailer	
Trailer Weight	
Total Weight	11,811 lbs. (5,367 kg)
Aft Deck	
Salon Inside Width	
Salon Fore & Aft	
Salon Height	

Salon Volume	
Galley Volume	
Master SR Width	
Master SR fore & Aft	
Master SR Overhead	
Master SR Volume	
Eng. Room Volume	

Acceleration Times & Conditions

Time to Plane	4.8 sec.
0 to 20	
Ratio	N/A
Props	20P 4-blade
Load	4 persons, 1/2 fuel, full water, 50 lbs. of gear
Climate	76 deg., 62 humid; wind: 15-20 mph; seas: <1

Mission

The SeaVee 340Z is designed and built for the serious offshore angler. Fishing amenities are abundant and all add to the vessel's focus on landing fish on long days offshore, which is the primary reason for anglers to consider this vessel. While triple outboards get the job done in terms of speed and power, they are not easy to manage unless they come with a full complement of features including power steering, iTrim and iSteer – all of which were incorporated in the triple Evinrude E-TEC G2 rig on our test boat. For anglers who want to bring their family aboard, a set of options are available to increase the number and comfort of seating aboard.

Features Inspection

running2
ground or type unknown

While the SeaVee 340Z is available with twin outboards, the triple installation of Evinrude G2s on our test boat made sense for improved performance and a robust equipment setup.

Distinguishing Features

- **Color-matched triple Evinrude E-TEC G2 300s** make the engines look like they were designed to be part of the boat, and virtually any color or graphic treatment can be painted on these engines. No other engine brand comes close to the color selection that Evinrude makes available.
- **SeaVee livewell plumbing** will be on serious anglers' list, with a seachest directing the raw water to two pumps per livewell, the kind of redundancy that shows this builder knows a day when the bait all dies is a day on the water ruined.
- **Evinrude clean rigging** means the swim platform is tidy and usable, without extra hydraulic hoses to trip up swimmers or anglers trying to secure the catch. Because the engines tilt 81-degrees – more than any other outboard – the props and lower units come completely out of the water when not in use.
- **In-deck fishboxes** are laid out so they can be handy, and handle loads of fish. In the foredeck is an electric-ram-actuated lid that will raise the optional coffin box, even when it's full.
- **Evinrude ICON Touch engine-monitoring display** has an intuitive interface that lets the skipper track tank levels, set automated trim and steering systems, and keep an eye on the outboard performance, and more.
- **An optional upper helm station** is designed to give the skipper a game-changing view of the fishing action, with a seat that will help keep everyone comfortable.

• **The optional Seakeeper 3 gyro stabilizer** is built into a custom-designed leaning post that lets this device slow the roll when seas get rough and uses power from a few additional batteries (rather than adding a genset).

running3 not found or type unknown

The blue circles indicate storage compartments, fishboxes, livewells, bilge access, and the anchor locker.

Overview

The SeaVee 340Z is a proven design that has a 10' (3.4 m) beam and draws just 20" (51 cm) with gear up. She can store as many as 42 rods in lockable compartments, and in the model we tested there was full access to the gunwales forward, something we don't see on most center consoles because of the raised casting platforms that are molded in forward.

Optional “Family Features”

running4 not found or type unknown

The 340Z Open can be up graded to the Luxury Edition (LE) which provides additional seating fore and aft. The 340Z can be customized to fit an owner's fishing and boating lifestyle. Families seeking extra comfort may find removable forward and rear seats along with toilet and shower facilities appealing. Sun pads or molded-in seating is also available in the Luxury Edition (LE).

benchseat not found or type unknown

This aft bench seat is handy for entertaining, but can be removed for more serious work.

bow not found or type unknown

These twin forward facing seats are modeled to the deck in the Luxury Edition, but anglers can still get to the gunwale forward to handle ground tackle or work a fish there.

storage not found or type unknown

There is storage under the seats.

Hull Design

The forward sections of the hull have a sharp forefoot with reverse chines to knock down spray. The bow expands to a subtle flare in the topsides. With a 23.5-degree deadrise at the transom, the SeaVee 340Z has a deep-V to create a soft landing when waves grow large and conditions get sporty.

This design means she'll hold turns at speed in sloppy conditions. The hull is twin-stepped and cross-ventilated, and uses the company's proprietary patented design, called SpeedRail Technology. The idea is to use multiple flat planes in the wetted surface to create lift, using the surface geometry to provide a fixed trim angle throughout a wide range of speeds.

SeaVee says it means the view of the horizon is clear, and fuel efficiency, speed, and handling are optimized.

bow found or type unknown

The bow shows a sharp forefoot with a strake and a pronounced hard chine both reaching the stem.

running found or type unknown

The ends of the two steps in the running surface are visible here.

The Bow

The bow layout is wide open, with plenty of fishing room. Covering boards forward are 30" (76.2 cm) high and 19" (48.26 cm) wide and all-around coaming pads are 8" (20.32 cm) deep. Anglers can work fish all around the bow without the encumbrance of a casting deck. In fact, the whole bow is a casting deck.

seadek found or type unknown

The deck is finished in SeaDek and there's loads of stowage, including under-gunwale bins with lipped edges.

The bow deck has a clean design, with a hatch revealing a locker with an anchor hanger and an additional locker forward.

bow hatch found or type unknown

A hatch in the bow creates a clean look and pop-up cleats reduce the snag factor on fishing lines.

anchor found or type unknown

The anchor hangs, inverted by its stock, over the rode locker.

rode locker found or type unknown

A door below grants excellent access to the rode locker. This access is rarely see in this type of boat and it will come in handy where there are snarls.

box storage found or type unknown

This optional coffin box is 3'9" (1.14 m) long, and has a gasketed lid held up by a gas-assist strut.

The foredeck is covered in SeaDek matting to soften the ride and has stowage under hatch lids, including a pair of 45-gallon (170 L) fishboxes to either side, a 53-gallon (201 L) centerline locker that can be rigged to be a fishbox or livewell, and a 180-gallon (681 L) forward fishbox with a two-piece hatch lid.

locker storage

Our test boat had equipment and batteries mounted in the center locker, for some equipment we'll discuss later on.

rod storage

Rod storage is abundant and up to 42 rods can be accommodated.

fishbox

Access to the 180-gallon (681 L) forward fishbox is easy through this two-piece lid...

rams system

... or through a custom electric-ram system, which allows the fishbox to open, even with the coffin box in place.

baitwells

Bait wells can be placed in the deck. SeaVee permits a high degree of customization to meet the needs of anglers.

The upholstered seat built into the front of the console has details like diamond-pattern quilting and custom stitching, and it slides to port to reveal a compartment.

console seat

The seat on the front of the console has grab handles to either side, as ABYC standards require for NMMA certification.

compartment

The seat slides to port, a smart design solution to create access to the compartment.

console

There's a fold-out latch to hold the seat door open per NMMA certification to ABYC standards.

Console Compartment

There's variable geometry in the compartment, and the overhead measures 5' (1.52 m) in the aft area, and higher forward at the entrance. There's a sink in here, room for a Porta-Potti, or an electric toilet with a 14 gallon (53 L) waste holding tank. There is an electrical breaker panel as well as a locker for additional stowage and access to the backside of the helm control panel.

in and out Image not found or type unknown

The design of the overhead and steps in the console compartment let our test captain get in and out without bumping his head.

sink Image not found or type unknown

The sink has a pull-up shower wand for a faucet, making this a wet head if wanted.

Console and Hardtop Frame

Generous walkways to either side of the console have eight vertical rod holders per side in our test boat, and bring us past the T-top frame pipes, which are mounted to the console sides. Built-in ladders to either side have steps 10" (25 cm) apart, in compliance with ABYC standards for NMMA certification, as are grab handles of a smaller diameter than the main support pipes.

rod holders Image not found or type unknown

On each side of the console there are eight vertical rod holders, in addition to those on the transom and in the gunwales. This permits handy switching to fly casting, heavy or light tackle, depending upon which game is on at any given time during the day.

hardtop Image not found or type unknown

The robust pipe frame of the hardtop has grab handles and ladders where they're needed. Note that the T-top supports are screwed to the console base and not the deck.

tower climb Image not found or type unknown

These ladders to either side of the helm grant access to an upper helm station.

The Helm

An isinglass windshield protects the helm console from the front and sides right up to the finely finished molded hardtop with LEDs built in, including one that can switch to red, preserving night vision. The compass lines up with a centerline wheel on its fixed base. The main helm panel consists of two 16" (40.64 cm) Simrad multifunction displays behind a protective, latching acrylic panel that holds itself up on gas-assist struts.

hardtop2 Image not found or type unknown

The hardtop is finished from top to bottom, has tracks for a three-sided polycarbonate windshield and carries such features as built-in LEDs and mounts for outriggers.

compass Image not found or type unknown

A large compass with a side-reading card is set on top of the console among SeaDek foam that's designed to have recessed trays to hold odds and ends. This is an excellent design and one that is custom made for the 340Z.

helmdash

To starboard of the wheel is the Evinrude ICON II Premium EST Control Binnacle, trim tab controls, the ignition key, a Simrad autopilot control, and engine trim control.

helmdash2

Across the top row are, from left to right, the Seakeeper control unit, the JL Audio stereo control, and the engine start-stop switches.

Evinrude ICON Touch

The Evinrude ICON Touch controls all of the engine features and functions, including engine information, including RPM and fuel flow monitoring, water temperature and boat speed, it also provides precise readouts of fuel and oil levels, and control of iSteer, iTrim, and automatic winterization.

icon

Control of the function of up to four outboards is easily managed with an intuitive visual interface on the Evinrude ICON Touch located on the port side of the dashboard.

Evinrude ICON II Touch 7” (17.78 cm) CTS Features

- Touchscreen display
- RPM for up to four outboards
- Fuel-flow monitoring
- Water temperature
- Boat speed
- Fuel levels for up to four tanks
- Oil levels
- iSteer
- iTrim
- Winterization

The ICON II Premium EST binnacle provides LED indicators showing neutral, forward and reverse, trim and tilt control, engine synching with an RPM up or down key to allow 50 rpm jumps in engine speed at the touch of a button, all in an ergonomic electronic control package.

binnacle

The ICON II Premium EST binnacle provides control over up to four outboards and delivers numerous features in an ergonomic design.

ICON II Premium EST Binnacle Features

- LED shift indicators
- Trim and tilt control
- Engine synching
- RPM up or down key
- Ergonomic electronic control package

helm

Rocker switches for various electrical systems are along the lower edge, under an acrylic cover.

helm2

Our captain found the switches in the knee-bump zone when he used the angled footrest, which has a handy toe kick beneath.

Upper Helm

There's an upper helm station on top of that hardtop that's accessed by the side ladders on the top's pipe frame. The upper station helm has a centerline wheel on a fixed base, a Simrad multifunction display, an Evinrude ICON Touch display, and trim tab and engine trim controls as well as start and stops, and the ICON II Premium shift and throttle binnacle.

climb

The climb is easy with lots of spots on the frame to grab.

wheel

The upper helm is a second station with networked functionality via the Simrad and Evinrude displays.

helmseat

A double helm seat with wraparound armrests aids comfort and security.

footrestneeded
footrestneeded or type unknown

;Our test captain would like to see a footrest for use in the seated or leaning position.

glovebox
glovebox found or type unknown

There's a glovebox to stow odds and ends and access rigging.

The Leaning Post

The leaning post has a 45" (114.3 cm) wide seat upholstered with diamond-pattern quilting and the Sea Vee logo. The forward edge is designed to serve as an angled leaning bolster.

leaningpost
leaningpost or type unknown

;The seat position is fixed so prospective boaters should test it to see how it works.

leaningpost2
leaningpost2 or type unknown

The forward edge is angled to serve as a bolster.

footrest
footrest found or type unknown

A stainless steel, flip-down footrest adds to the seating options.

grabrail
grabrail found or type unknown

The leaning post has a grabrail that runs along each side and all around aft, good for passengers who are standing around the helm for the run to the fishing grounds, as are the beverage holders alternating with rod holders.

baitprep
baitprep found or type unknown

The aft end of the leaning post has a foldout shelf for bait prep, and below that, a pair of lockers with gasketed doors side by side keep tackle trays organized.

tackletrays
tackletrays found or type unknown

;Tackle trays will stay organized in these lockers.

Seakeeper Gyro Stabilizer

In the bottom of this custom leaning post is the Seakeeper 3 gyro stabilizer in a striking installation behind a window. We didn't test its ability to reduce the rolling effects of rough seas on the boat.

seakeeper
seakeeper found or type unknown

The Seakeeper 3 gyro stabilizer is designed to help reduce the roll of the boat, but we didn't have the time or conditions to put it to the test.

batteries found or type unknown

Remember the array of batteries in that foredeck locker? They provide the juice to spin the gyro in the Seakeeper system. The 50 available amps produced by each of the three Evinrude G2 magnetos supplies more than enough power to the batteries to keep the gyro operating. The Evinrudes are particularly important in this application because they produce more available amps than any outboard on the market in class.

The Cockpit

The cockpit sole is finished with the same SeaDek except on the lid of the 60-gallon (227 L) in-deck livewell. A pair of fishboxes to either side hold 40 gallons (151 L) each. There's a centerline lazarette with a sea chest that serves four raw-water pumps, two for each livewell. The through-hull fittings are all double-clamped, exceeding ABYC standards, a sign of a boat built with care.

acrylic hatch found or type unknown

The see-through 1" (2.54 cm) thick acrylic hatch lid in the cockpit sole allows bait checks.

fishboxes found or type unknown

Fishboxes to either side manage the catch.

lazarette found or type unknown

A lazarette serves as a mechanical space with a gas-assist strut positioned to simplify access.

sea chest found or type unknown

The sea chest reduces the number of hull penetrations, and it's especially helpful when each livewell has two pumps.

The Transom

The transom features another livewell with an aquarium window to simplify bait checks. The lid is gasketed and has a latch so it can be pressurized.

transom livewell found or type unknown

The transom livewell has a capacity of 65 gallons (227 L) and lets the crew rig in a hurry when the bite is on. **A sink is located to starboard in the transom** under a lid. This can be changed to another 30 gallon (114 L) livewell. Beneath that is a door to a locker where the trim tab pumps are accessible. On the port end of the transom is a door to the swim platform. It has a flip-over top section hinged on its inboard side and held in place with a bungee latch. It measures 19" (48.26 cm) wide, and is a 9" (22.86 cm) step up from the cockpit and a 2" (5.08 cm) step down to the swim platform.

transom sink or type unknown

Clean-up after rigging is easier with a sink right in the transom.

live well found or type unknown

An optional 30 gallon (114 L) livewell can go next to the large baitwell instead of the standard sink.

transom door or type unknown

The transom door is very discreet, and even has a coaming pad across it and a covering board swings down on top to provide security in a seaway. It is gasketed to prevent rattling.

transom door 2 or type unknown

The two-piece design flips the top inboard, out of the way, and the door swings out to make dockside boarding easier. Because it opens out, it makes emergency dewatering possible if an unexpected wave slops aboard.

The Swim Platform

The swim platform on the SeaVee 340Z is finished in SeaDeck and extends 29" (73.66 cm) from the transom. There's a walkway along its forward edge for the full width, allowing the crew to get around without putting a foot in the well where the outboards mount.

We would like to see a grabrail on the transom somewhere to allow crew to work here more safely. A pair of zero-degree rod holders are mounted to the transom.

outboards found or type unknown

Because the Evinrude E-TEC G2 outboards have internal steering the outboard well is uncluttered.

ob or type not found or type unknown

The E-TEC G2 – because of its standard internal steering gear – allows the engines to tilt 81-degrees and raise fully out of the water.

About the Evinrude E-TEC G2 300 Outboard

The E-TEC G2 outboards are direct-injection 2-stroke engines, and they provide far more torque in the low- and mid-rpm range than 4-stroke outboards. All 2-stroke engines have more torque because every turn of the crankshaft is a power stroke.

ob 2 or type not found or type unknown

Evinrude E-TEC G2 outboards use direct fuel injection into the cylinder, not into the intake manifold like all 4-stroke engines in class. That allows the G2 injectors to put the right amount of fuel in the cylinder at the right time, for more fuel efficient operation than 4-stroke engines are capable of.

Clean Running

Direct-injected Evinrude E-TEC G2 2-stroke technology produces the lowest emissions of any 4-stroke outboard on the market, according to information made public by the EPA. When it comes to deadly carbon monoxide, Evinrude's G2 engines are 95% better than 4-stroke engines and the only one not releasing a potentially lethal amount of CO.

injector not found or type unknown

Here we see a computer rendering of the moment the injector adds a fine mist of fuel, and we can also see the exhaust port (indicated by the red arrow) is blocked off by the piston, preventing escape of any of the fuel.

Controlling Combustion

Because the E-TEC G2 has an EMM (or Engine Management Module) with a computer monitoring the conditions and throttle input, Evinrude says it measures out just the right amount of fuel, in the right pattern, at the right pressure up to 800 psi, and at precisely the right time – all go to optimize combustion.

That, together with stratified combustion, the swirl of incoming air scavenging the combustion chamber, and the “plugging pulse” compressing still more air into the combustion chamber, further optimizes combustion for both greater fuel efficiency and lower emissions than 4-stroke engines.

engines not found or type unknown

Evinrude E-TEC G2 engines have the most advanced outboard powerheads on the market.

throttles not found or type unknown

Evinrude says when the throttles are opened wide, the engine switches to homogenized combustion, hitting the optimal 14:1 air-to-fuel ratio in the combustion chamber that delivers peak power.

emm not found or type unknown

The E-TEC G2 has a water-cooled EMM, to keep the combustion properly calibrated for the conditions at hand. It is the only water-cooled such unit on the market and can make up to 1,000 calculations a second.

combustion not found or type unknown

This image shows a cutaway view of an Evinrude E-TEC G2 combustion chamber with yellow arrows indicating the injected spray of fuel and the spark plug.

Built-in steering, trim, and tilt simplify rigging and eliminate hydraulic lines and extraneous equipment, while electronic throttle and shift control simplifies rigging as well.

steering5
ground or type unknown

This demonstration unit illustrates the way the integrated steering works, using a helical gearing system that transforms up-and-down motion to side-to-side movement of the steering bracket (shown at top). The steering pump is compact enough that it all fits within the engine midsection just below the powerhead.

Performance Test

The SeaVee 340Z has a LOA of 34'9" (10.59 m) and a beam of 10' (3.05 m). With an empty weight of 7,950 lbs. (3,606 kg), 50% fuel and four people onboard, we had an estimated test weight of 11,811 lbs. (5,357 kg).

running5
ground or type unknown

With the triple Evinrude E-TEC G2 300s, the SeaVee 340Z will reach speeds of 57.9 mph (93.1 kph) and get the crew to the fishing grounds in a hurry.

With the triple 300-hp Evinrude E-TEC G2 outboards powering our test boat, turning 20" pitch 4-blade props, we reached a top speed of 57.9 mph (93.1 kph) at 5800 rpm.

Best economic cruise came in at 4000 rpm and 35.8 mph (57.6 kph). It was at that speed that the 31 gph (117.2 lph) fuel burn translated into 1.2 mpg (1.0 nmpg) and a range of 379 statute miles (329.4 nm).

acceleration
ground or type unknown

We started our acceleration test from a dead stop.

Acceleration

From a standing start, the SeaVee 340Z got onto plane in 4.8 seconds and accelerated from zero to 20 mph in 5.9 seconds, and to 30 mph in 8.9 seconds.

running6
ground or type unknown

The triple Evinrude E-TEC G2 300s pushed the SeaVee out of the hole and on plane in 4.8 seconds.

The SeaVee 340Z is built to get anglers to the fishing grounds in a wide range of conditions. She's a stable boat with a strong feel. While we didn't have notable sea conditions to really put her through her paces, crossing wakes showed a solid transition with minimal spray maintaining a dry ride.

She has a high deadrise forefoot which sliced through waves and that warps out to a 23.5-degree deadrise at the transom. That deadrise is one of the deepest Deep Vs on the market in class, and ensures the owner that the ride provided at high speed offshore will be about as good as it gets.

running7
ground or type unknown

Her Seakeeper gyro stabilizer is a good idea, particularly with the upper helm.

turns not found or type unknown

The SeaVee turns sharply, leans into the turn, and digs her shoulder in thanks to her sharp entry.

turn tests not found or type unknown

The SeaVee 340Z was responsive to the helm and turn tests showed no hint of chine walk or falling off the turn.

running not found or type unknown

Her hull knocked down the spray and threw it far to the side.

Standard Features

- 65-gallon (227 L) live baitwell with pump
- Integrated platform with transom door
- 2 insulated fishboxes
- Trim tabs
- Dual automatic bilge pumps
- Pop-up cleats
- Under-deck dry stowage
- Lockable rod stowage

Optional Equipment to Consider

- Freshwater and saltwater washdown systems
- Key West-style T-top
- Low-profile second station
- T-tower option for upper station
- Kingfish-style rod holder

- Additional spreader light on hardtop
- ACR remote searchlight
- Lee Sidewinder outriggers
- Captain's Edition or Supreme leaning post
- Available customizable forward and rear seating
- Flush-mounted transducer
- Windlass including rope, chain and stainless steel plow anchor
- Armstrong or pull-out dive ladder
- Electric head with holding tank and macerator pump
- Rack for six dive tanks
- Pneumatic extend and retract cooler actuator
- Stainless steel towing eye with strike plate
- 2 additional baitwells are available

Warranty

10-year hull warranty, and 1-year warranty on all factory-installed electronics and accessories.

Observations

The SeaVee 340Z has been in production for some years and has proven itself to be a practical fishing boat. Because the 340Z is sold factory direct, and because of the design of the boat, a high degree of personalization can be made. And, since it is factory direct, there are sales cost savings that may accrue to the buyer.