

Latitude™ Evolve Data Sheet

The Evolution of Seating.

Unlock effortless seat positioning with the Latitude Evolve electric seat pedestal. The range features smooth electric controls, memory function, and flexible installation options.

Smooth Electric Controls

Latitude Evolve electric controls make adjusting seats smoother and easier than ever. Automotive-style switches provide effortless control of rise and slide positioning. A simple and easily-accessible lever allows for manual swivel control. On selected models, NMEA 2000® capability even lets boaters control their seat via their display for a truly seamless experience.

Memory Function

Latitude Evolve transforms the user experience by introducing two programmable memory positions, making it easier than ever to co-pilot your boat. Simply select your chosen seat position and the pedestal will automatically adjust to your most comfortable setting, empowering seamless helming experiences on the water.

Flexible Installation

The Latitude Evolve range features a variety of plug and play control and installation options, allowing you to choose the perfect model for your boat. Choose from thru-deck and above-deck mounting options, and a range of control options.

Superior Durability

Manufactured using anodized aluminium to provide the ultimate protection from the rain, wind and sea. Latitude Evolve meets IP56 standards, giving you confidence that your product will last.



Latitude™ Evolve Technical Information

Configuration	Control Interface	Heating Wire	Electric Slide	Electric Rise	Electric Rise with Switch Bracket	Swivel (Manual)	Memory	N2K	Part Number
Thru-deck	Flying leads (11" / 27.9 cm)	Included	✓	✓					78303-60ESO
			✓	✓			✓		78303-60ESOM
			✓	✓			✓	✓	78303-60ESON2K
Thru-deck	Flying leads (11" / 27.9 cm)	Included	✓	✓		✓			78303-60ES
			✓	✓		✓	✓		78303-60ESM
			✓	✓		✓	✓	✓	78303-60ESN2K
Thru-deck	Switch Bracket	Included	✓	✓	✓	✓			78303-80ES
			✓	✓	✓	✓	✓		78303-80ESM
			✓	✓	✓	✓	✓	✓	78303-80ESN2K
Above-deck	Flying leads (11" / 27.9 cm)	Included	✓	✓		✓			78312-60ES
			✓	✓		✓	✓		78312-60ESM
			✓	✓		✓	✓	✓	78312-60ESN2K
Above-deck	Switch Bracket	Included	✓	✓	✓	✓			78312-80DCES
			✓	✓	✓	✓	✓		78312-80DCESM
			✓	✓	✓	✓	✓	✓	78312-80ESN2K



78303-60ESO



78303-60ES



78303-80ES



78312-60ES



78312-80DCES

Latitude™ Evolve Features Comparison

Part Number	78303-60ESO 78303-60ESOM 78303-60ESON2K	78303-60ES 78303-60ESM 78303-60ESN2K	78303-80ES 78303-80ESM 78303-80ESN2K	78312-60ES 78312-60ESM 78312-60ESN2K	78312-80DCES 78312-80DCESM 78312-80ESN2K
Configuration	Thru-Deck	Thru-Deck	Thru-Deck	Above-Deck/Bell Base	Above-Deck/Bell Base
Features (E=Electric, M=Manual)	Slide (E), Rise (E)	Slide (E), Rise (E), Swivel (M)	Slide (E), Rise (E), Swivel (M)	Slide (E), Rise (E), Swivel (M)	Slide (E), Rise (E), Swivel (M)
Memory Function (2 Positions)	Available as Option				
Switch Bracket (starboard side only)	No	No	Yes	No	Yes
Slide Travel	5" (12.7 cm)	5" (12.7 cm)	5" (12.7 cm)	5" (12.7 cm)	5" (12.7 cm)
Rise Travel	4" (10.2 cm)	4" (10.2 cm)	4" (10.2 cm)	4" (10.2 cm)	4" (10.2 cm)
Seat Mounting Surface Height Above Deck	4" to 8" (10.2 cm to 22.9 cm)			12.9" to 16.9" (32.8 cm to 42.9 cm)	
Slide Range From Tube Axis to Front Seat Mounting Holes	4" to 9" (10.2 cm to 22.9 cm)			4" to 9" (10.2 cm to 22.9 cm)	
Swivel Angle	N/A	90° CW / 180° CCW		90° CW / 180° CCW	
Operating Speed @ 50 lbs (22.7 kg)	0.18" up/down, 0.5" fore/aft (0.46 cm up/down, 1.27 cm fore/aft)				
Operating Speed @ 400 lbs (181.4 kg)	0.1" up/down, 0.45" fore/aft (0.25 cm up/down, 1.14 cm fore/aft)				
Seat Mounting Pattern	12.125" x 5" (30.8 cm x 12.7 cm)			12.125" x 5" (30.8 cm x 12.7 cm)	
Deck Mounting Pattern	7.5" x 11" (19.1 cm x 27.9 cm) 6 Hole Rectangular Pattern			11" (27.9 cm) 6 Hole Eq Sp Circular Pattern	
Amp. Draw @ 50 lbs (22.7 kg) Load	<4 A	<4 A	<4 A	<4 A	<4 A
Amp. Draw @ 400 lbs (181.4 kg) Load	<9 A	<9 A	<9 A	<9 A	<9 A
NMEA 2000® Movement Control & Position Output	Available as Option				
I/O Movement Control	Available as Option				
Max. Load Capability (Rise/Slide)	400 lbs (181.4 kg)	400 lbs (181.4 kg)	400 lbs (181.4 kg)	400 lbs (181.4 kg)	400 lbs (181.4 kg)
Operating Temperature	-13°F to 140°F (-25°C to 60°C)				
Storage Temperature	-40°F to 185°F (-40°C to 85°C)				
Operative Voltage	9-15V DC	9-15V DC	9-15V DC	9-15V DC	9-15V DC
Sound Level (Unloaded)	< 60 dB	< 60 dB	< 60 dB	< 60 dB	< 60 dB
Sound Level (Loaded)	< 60 dB	< 60 dB	< 60 dB	< 60 dB	< 60 dB
Ingress Protection	IP56	IP56	IP56	IP56	IP56
Weight	27 lbs (12.25 kg)	27 lbs (12.25 kg)	29 lbs (13.15 kg)	29 lbs (13.15 kg)	31 lbs (14.06 kg)
Certifications	CE (2006/42/EC – Machinery Directive; 2014/30/EU – EMC Directive; 2011/65/EU – RoHS Directive), NMEA, BS EN 60945:2002, RCM, CAN ICES-3(B)/NMB-3(B), ABYC H-31				

Latitude™ Evolve Dimensions

Part Number	78303-60ESO 78303-60ESOM 78303-60ESON2K	78303-60ES 78303-60ESM 78303-60ESN2K	78303-80ES 78303-80ESM 78303-80ESN2K	78312-60ES 78312-60ESM 78312-60ESN2K	78312-80DCES 78312-80DCESM 78312-80ESN2K
Configuration	Thru-Deck	Thru-Deck	Thru-Deck	Above-Deck/Bell Base	Above-Deck/Bell Base
Features	Slide, Rise	Slide, Rise, Swivel	Slide, Rise, Swivel	Slide, Rise, Swivel	Slide, Rise, Swivel
Memory Function (2 Positions)	Available as Option	Available as Option	Available as Option	Available as Option	Available as Option
Switch Bracket (starboard side only)	No	No	Yes	No	Yes
Top					
Side (left)					
Bottom					