

PUMPS & COUNTER CURRENT 02/05

VARIABLE SPEED PUMP 'E.SWIM'

An energy efficient and highly robust, self-priming centrifugal pump, equipped with a large capacity pre-filter to increase water circulation and filtration in residential swimming pools. Also suitable for applications where the handling of aggressive liquids is required. The 'Eswim' operates in complete silence, programmable with a remote control and is fully compatible with salt water systems.

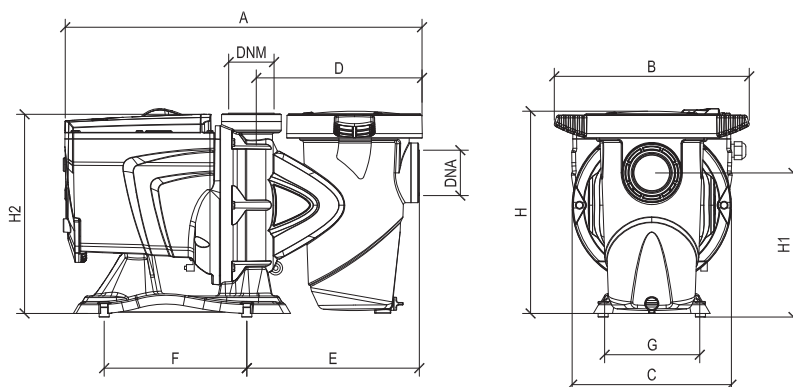


Technical features

- Fibreglass reinforced technopolymer body, impellar and diffuser
- Nylon strainer to prevent debris from entering the system
- Strainer lid in clear antioxidant polycarbonate for easy inspection
- Electrical motor shaft (Completely isolated from the water flow)
- Mechanical seal in carbon / alumina / NBR / AISI 316
- Butterfly drain plugs for easy removal and refitting without tools
- Supplied with remote control for even greater efficiency and using the latest IGBT technology
- Two dedicated 32-bit processors. One for the motor and one for the highly intuitive user interface. Very easy to operate
- Onboard computer and intelligent software to operate at adjustable 'Constant speed' or 'Constant flow' (no sensor required) to optimise performance and minimise energy use
- Power supply: Single phase 230 V50/60Hz
- Maximum liquid temperature: +40°C (Minimum +4°C)
- Maximum ambient temperature: +50°C
- Control panel with 4 buttons with
- 8 programmable speeds and status and alarm LEDs
- Menu for weekly and seasonal programming.
- SVRS version equipped with software function disables pump on detection of obstruction in suction.
- 12-pin control board of Eswim makes them compatible with any control panel, analog or digital
- Maximum operating pressure: 2.5 bar
- Protection rating: IP55
- Insulation rating: Class F
- E.swim pumps are coming with SVRS system (Safety Vacuum Release System).
- The SVRS version includes a software function that disables pump suction if an obstruction is detected.
- The SVRS model provides an additional layer of protection against body suction entrapment.
- The system complies with the ASME/ANSI A112.19.17- 2010 SVRS standard.



Dimensions



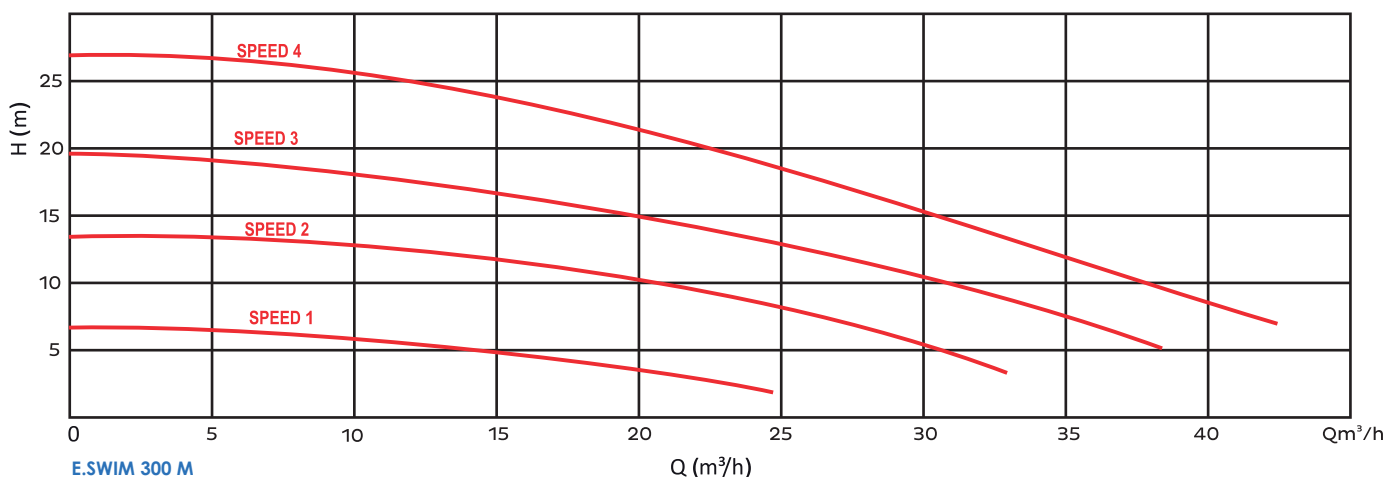
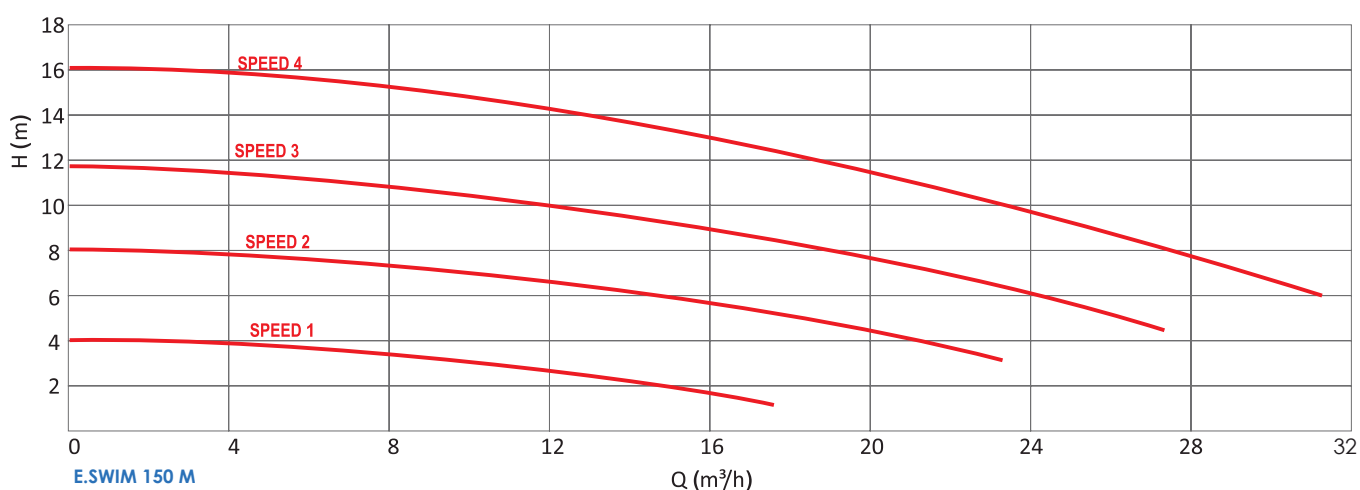
Models

CODE	CON- NECTION	INTENSITY A		DIMENSIONS										PKG	WEIGHT		VOLUME
		230 II	230 III	A	B	C	D	E	F	G	H	H1	H2		kg	m³	
E.SWIM 150 M	"2	5.6	-	550	300	245	259	266	220	150	316	217	309	1	19	0.086	
E.SWIM 300 M	"2	10	-	574	304	290	269	276	220	150	354	252	344	1	21.3	0.108	



Hydraulic features

SPEED VARIATIONS	HEIGHT (m)	1	3	5	7	9	11	13	15	25
	FLOW (m³/h)									
E.SWIM 150 SPEED 1-2250 RPM		-	12	-	-	-	-	-	-	-
E.SWIM 150 SPEED 2-3150 RPM		-	23	18	12	-	-	-	-	-
E.SWIM 150 SPEED 3-3825 RPM		-	-	-	22.5	16	8	-	-	-
E.SWIM 150 SPEED 4-4500 RPM		-	-	-	30	26	21	16	8	-
E.SWIM 300 SPEED 1-2385 RPM		-	24.5	15	-	-	-	-	-	-
E.SWIM 300 SPEED 2-3330 RPM		-	-	30	28	23	18	5	-	-
E.SWIM 300 SPEED 3-4050 RPM		-	-	38	36	32	29	23	20	-
E.SWIM 300 SPEED 4-4770 RPM		-	-	-	42.5	39	36	32	30	5



Electric features

PUMP MODELS	MAX. RPM	INPUT POWER P1 50/60 HZ	OUTPUT POWER P2		NOISE LEVEL
		MAX KW	MAX KW	MAX HP	db A
E.SWIM 150	4500	1.25	1.1	1.5	50
E.SWIM 300	4770	2.25	1.9	2.6	44



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