

PUMPS & COUNTER CURRENT 02/01

SELF PRIMING PUMP 'EUROSWIM'

An extremely quiet and highly efficient self-priming centrifugal pump with built-in large capacity pre-filter. The 'Euroswim' has been developed primarily for water circulation and filtration in residential swimming pools, but is also ideal for the commercial sector where it can handle aggressive liquids such as those found in fish, agriculture and industry.

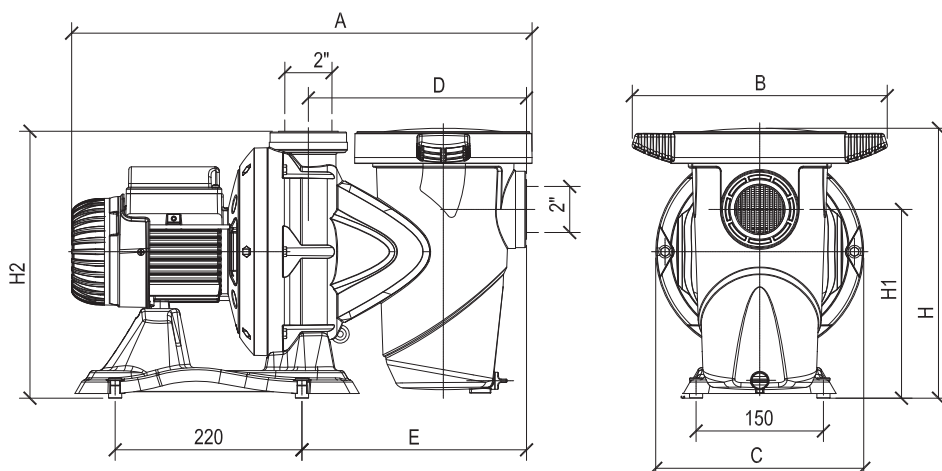


Technical features

- Fibreglass reinforced technopolymer body, impellar and diffuser
- Nylon strainer to prevent debris from entering the system
- Clear antioxidant polycarbonate strainer lid for visibility during operation
- Electrical motor shaft in stainless steel AISI 316 (Completely insulated from the water flow)
- Mechanical seal made in carbon, alumina, NBR and AISI 316
- Pump body O-rings in NBR, threaded fasteners and reinforcing rings in AISI 316
- Butterfly drain plugs for easy removal and fitting. No tools necessary
- Asynchronous continuous duty 2-pole motor (S1) with generous range of power ratings from 0.5 HP to 3 HP, single phase and 3-phase
- Motor casing in die-cast aluminium with electrophoresis surface treatment to prevent oxidation, even in aggressive environmental conditions
- Baseplate with rubber mounts to reduce vibration transmission
- Single phase version with integral thermal and over current protection and permanent split capacitor (PSC), assembled inside the terminal box for all versions.
- Power supply: Single phase 220-240V 50Hz, 3-phase 230/400V 50Hz, 60Hz on demand
- Operating range: Up to 42m³/h with pressure head up to 22m
- Maximum liquid temperature: 60° C
- Maximum ambient temperature: +50° C
- Motor: 2900 RPM
- Maximum operating pressure: 2.5 bar
- Protection rating: IP55
- Insulation rating: Class F
- Euroswim 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.

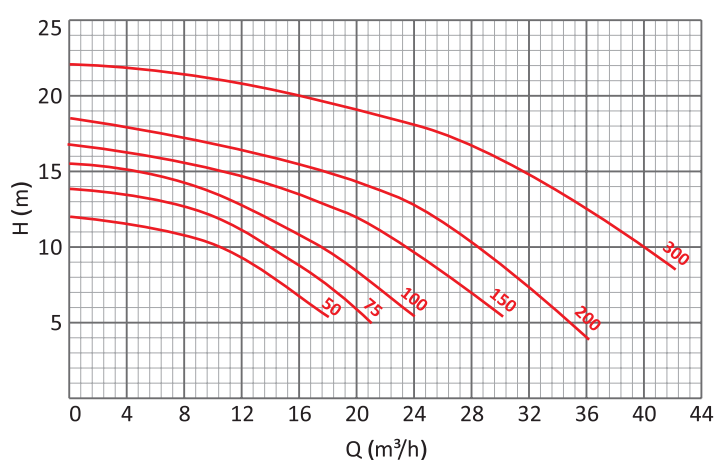


Dimensions



CODE	CONNECTION IN/OUT	INTENSITY A			DIMENSIONS								PKG	WEIGHT	VOLUME
		230 II	230 III	III 400	A	B	C	D	E	H	H1	H2		kg	m³
EUROSWIM 50M	"2	4.2	-	-	536	242	242	257	265	351	222	314	1	16	0.086
EUROSWIM 75M	"2	5	-	-	552	242	245	257	265	351	222	314	1	16.5	0.086
EUROSWIM 75 T	"2	-	3.5	2	552	242	245	257	265	351	222	314	1	16.5	0.086
EUROSWIM 100 M	"2	6.3	-	-	552	242	245	257	265	351	222	314	1	17	0.086
EUROSWIM 100 T	"2	-	4	2.4	552	242	245	257	265	351	222	314	1	17	0.086
EUROSWIM 150M	"2	7	-	-	574	250	290	267	274	387	258	350	1	22	0.10
EUROSWIM 150 T	"2	-	6.5	3.7	574	250	290	267	274	387	258	350	1	22	0.10
EUROSWIM 200 M	"2	8.6	-	-	648	250	290	267	274	387	258	350	1	24	0.10
EUROSWIM 200 T	"2	-	7.2	4	574	250	290	267	274	387	258	350	1	22	0.10
EUROSWIM 300 M	"2	12	-	-	648	252	290	267	274	387	258	350	1	24.5	0.10
EUROSWIM 300 T	"2	-	8.7	5	648	252	290	267	274	387	258	350	1	24.5	0.10

Hydraulic features



SINGLE PHASE MODELS	THREE PHASE MODELS	HEIGHT	4	6	8	10	12	14	16	18	20	22	24
		(m)											
EUROSWIM 50M	-	FLOW (m³/h)	-	17	15	11	-	-	-	-	-	-	-
EUROSWIM 75M	EUROSWIM 75 T		-	20	17	14	11	-	-	-	-	-	-
EUROSWIM 100	EUROSWIM 100 T		-	23	21	17	15	9	-	-	-	-	-
EUROSWIM 150	EUROSWIM 150 T		-	30	27	23	20	14	7	-	-	-	-
EUROSWIM 200	EUROSWIM 200 T		36	34	31	29	26	21	14	4	-	-	-
EUROSWIM 300	EUROSWIM 300 T		-	-	42	40	37	33	30	24	16	3	-

Electric features

PUMP MODEL	INPUT POWER P1 W		MOTOR POWER P2		NOISE LEVEL
	SINGLE PHASE	THREE PHASE	kW	HP	
EUROSWIM 50M	900	-	0.33	0.5	64
EUROSWIM 75 M	1000	-	0.5	0.75	65
EUROSWIM 100 M	1300	-	0.75	1	66
EUROSWIM 150 M	1600	-	1.1	1.5	64
EUROSWIM 200 M	1900	-	1.5	2	67
EUROSWIM 300 M	2800	-	2.2	3	64
EUROSWIM 75 T	-	950	0.5	0.75	65
EUROSWIM 100 T	-	1200	0.75	1	66
EUROSWIM 150 T	-	1500	1.1	1.5	64
EUROSWIM 200 T	-	1900	1.5	2	67
EUROSWIM 300 T	-	2800	2.2	3	64



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