



ASTRALPOOL PUMPS

EXCELLENCE AT THE HEART OF THE POOL

ASTRALPOOL PUMPS. EXCELLENCE AT THE HEART OF THE POOL.



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At AstralPool, we don't just strive for good performance or innovative products but for the highest quality & reliability. Because what really makes the difference in the world of pumps is that everything goes the right way, as pumps are the heart of the pool.

And the only way to achieve this is through excellence every step of the way, from conceptualization to industrialization.

RELIABILITY IN DESIGN AND MANUFACTURING

A 30-YEAR-OLD EXPERTISE

At AstralPool, we have more than 30 years of experience designing, manufacturing, and supervising every aspect of the whole process in-house.

With our 5 worldwide R&D centers and factories in Europe, we are giving the best of ourselves to produce high-quality pumps as our customers deserve nothing but the best.

Our expertise has led us to become one of the market leaders, more than **0.5 million pumps delivered annually** to the pool industry.



EUROPEAN ENGINEERING & MANUFACTURING

We use the latest technologies such as computer-aided design and engineering (CAD/CAE), flow and mechanical simulations (CFD/FEA) to deliver **high-performing, reliable and efficient pumps**.

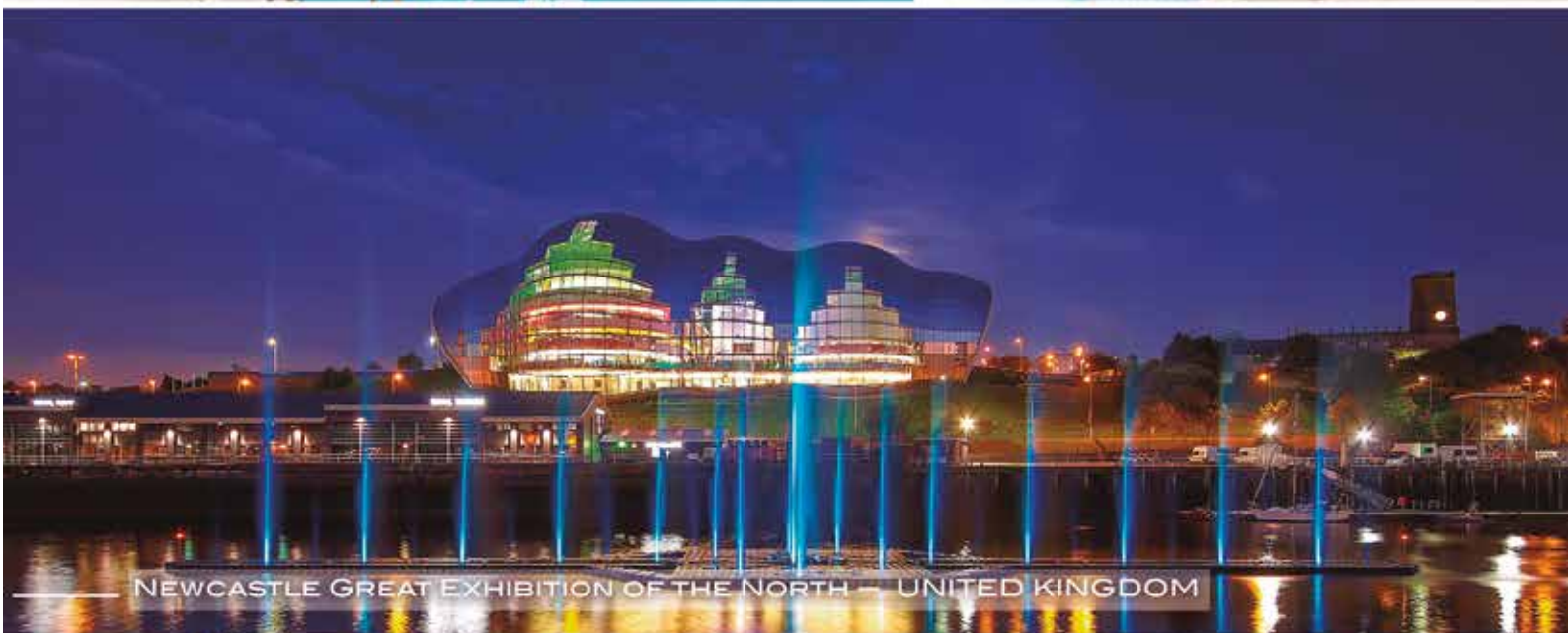
Our more than a year long prototyping and industrialization processes, in which everything is adjusted to its detail, piece by piece, mould by mould, assure us that **all products are equally perfect**.

During all the processes, we ensure that the quality of our pumps meets our customers expectations. This is why we develop **with more than 500 R&D tests** and more than **200 endurance tests annually**. Additionally, we **test 100% of our pumps** produced in our own factory under the quality certification of ISO 9001.



A UNIQUE TRACK RECORD

Many emblematic institutions around the world have trusted us for their pumps. We provide pumps for all kind of installations: swimming pools, aquariums, wellness, spas, fountains and lagoons.



BEST-IN-CLASS SERVICE

Our dedicated team is fully oriented in offering an efficient & close service to support our customers during the whole journey through a committed sales team, detailed product training, wide logistic network and all the organization focused on customer satisfaction.

Thanks to our more than 100 Fluidra Pro centers and direct presence in more than 35 countries, we are committed to bringing proximity, service, and flexibility.



A WIDE RANGE TO MEET EVERY NEED

COMFORT VARIABLE SPEED PUMP

THE SUSTAINABLE SOLUTION, THAT ENSURES CRYSTAL-CLEAR WATER AND QUIETNESS WHILE ENABLING GREAT ENERGY SAVINGS.

VARIABLE SPEED TECHNOLOGY: THE ENERGY EFFICIENT CHOICE

You can create a more sustainable pool through reduced energy consumption, which is the Variable Speed pump's main benefit.

A variable speed pump can save up to 85%⁽¹⁾ of electric consumption, having 60%⁽²⁾ of savings on average in residential pools.

This saving up is achieved thanks to the capacity to program the pump so that it matches the pool needs: the variable speed pump can be set up to a lower speed throughout the day for filtration, and to a higher speed only when performing more demanding tasks such as cleaning the filter or as vacuuming the pool. On the contrary, the single-speed pump will maintain the same flow rate; increasing, thus, the total electric consumption.



VICTORIA PLUS SILENT VS

- EXCELLENCE IN ENERGY SAVINGS
- HIGH COMFORT
- OPTIMIZED FILTRATION QUALITY



* 3 Years warranty + 1 year if the installation of the product is registered. Check conditions for the warranty extension

(1) Comparison made vs an AstralPool single speed pump.

(2) Average savings estimation for VS pumps according to an internal analysis

For an specific savings analysis please use the following link



COMFORT SINGLE SPEED PUMPS

THE WIDEST RANGE OF PUMPS, ABLE TO FIT ANY POOL, THAT COMBINES HIGH PERFORMANCE AND EASY MAINTENANCE.



VICTORIA PLUS SILENT

- LONG SERVICE LIFE
- SUPERIOR PERFORMANCE
- A RANGE FOR ALL POOLS



VERDON ES

- SIMPLE AND RELIABLE
- FOR ALL POOLS
- EASY MAINTENANCE



COMPACT SINGLE SPEED PUMPS

SMALL SIZED TO FIT EVERYWHERE, SUITABLE FOR SMALL TO MEDIUM POOLS.



SENA

- SIMPLE AND RELIABLE
- SMALL SIZED TO FIT EVERYWHERE
- FOR SMALL TO MEDIUM SIZED POOLS

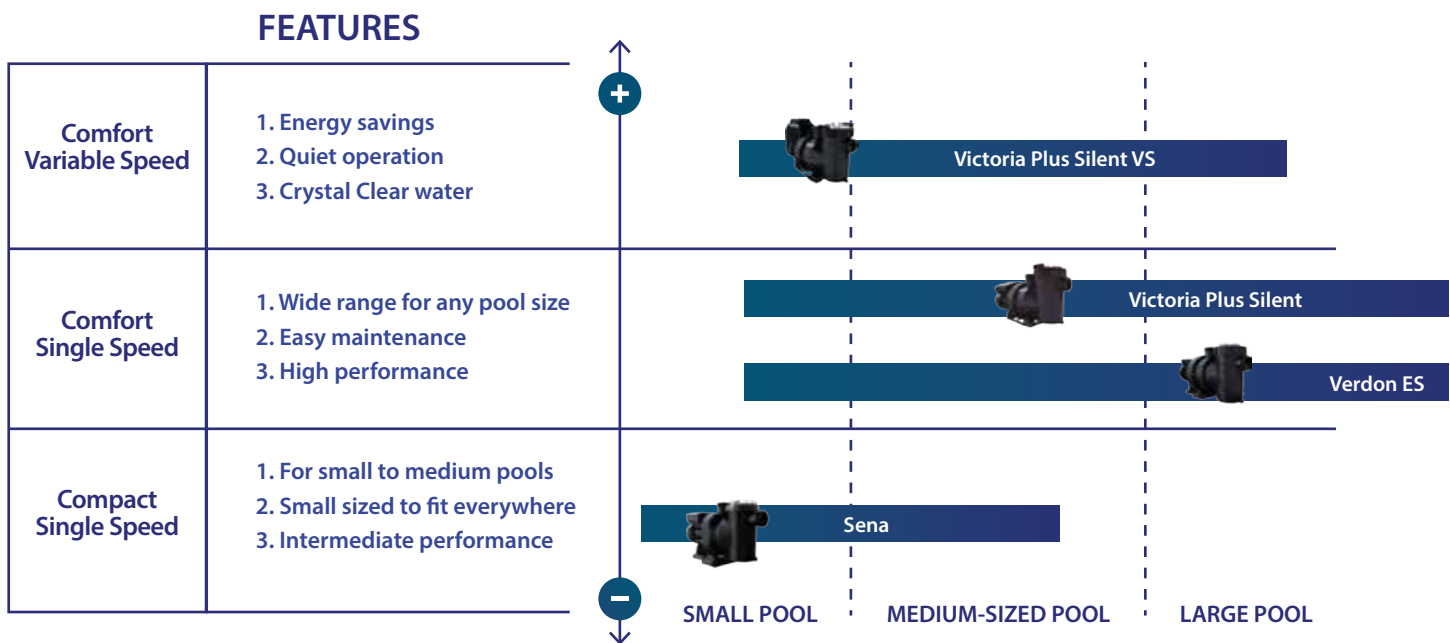
Want to know more about AstralPool pumps? Check our video by flashing this QR code.



HOW TO CHOOSE THE PUMP FOR YOUR NEED

The main steps for selecting a pump are:

- Setting the flow rate required depending on the pool's volume and dirt load. The flow rate must always be suitable for the filter fitted. It is very important that it neither be too slow nor too fast.
- Setting the pressure required depending on the hydraulic facility's features.
- Considering any other units that may have been installed, such as salt chlorinators and heat pumps, whenever they involve constraints on the flow rate or pressure. For example, if a minimum flow rate is required for a unit to run.
- Selecting the pump ranges that supply this flow rate and pressure.
- Choosing the pump with the features that are best suited to a pool's requirements and those of its owner.



Comfort Variable Speed



**Victoria Plus
Silent VS**

Comfort Single Speed



**Victoria Plus
Silent**



Verdon ES

Compact Single Speed



Sena

Range	100 - 200	50 - 300	50 - 300	33 - 125
Flow rate range (m³/h)	17.0 - 26.0	8.0 - 33.0	7.0 - 31.0	3.5 - 16.3
Power supply	1~	1~ and 3~ for all	1~ from 50 to 75 1~ & 3~ from 100 to 300	1~ from 33 to 50 1~ & 3~ from 75 to 125
Hydraulic fittings	D50 to D63 or 2"	D50 to D75 or 2"	D50 to D75	D50
Couplings included	Yes D50-D63 acc. to power	Yes D50-D75 acc. to power	Yes D50-D75 acc. to power	Yes D50
Full backward compatibility	Victoria Plus	Victoria Plus		
Prefilter size (l)	3	3	3	0.9
Efficiency	★★★★★	★★★★★	★★★	★★
Noise (dBA) ¹	62 - 47	61	64	62
Possible controls	Stand alone Dry contact Fluidra Connect remote control Automated system	On/Off	On/Off	On/Off
Program settings	Hourly 3 speeds	--	--	--
User Interface	LCD display Removable interface	--	--	--
Connectivity	Yes – Fluidra Connect	--	--	--
Warranty				

* Check conditions for the warranty extension. Only available in selected countries.

¹ Noise level comparison for version 100 of each range.



ASTRALPOOL PUMPS LEADERS IN PUMPS IN EUROPE

MORE THAN 30 YEARS OF EXPERIENCE COMMITTED TO QUALITY





SENA

YOUR TRUSTED PUMP FOR SMALL TO MEDIUM-SIZED POOLS



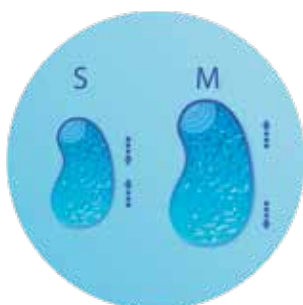
SIMPLE AND RELIABLE

Sena pumps are a simple solution for pumping pool water and water features with low to mid-flow needs. Single speed pumps to be easily installed due to its already included fittings and easy access electrical box. And ensuring reliability at the core of the pool, a classic that came to last.



SMALL-SIZED TO FIT EVERYWHERE

Built to be a compact self-priming pump. All Sena references are shorter than 490 mm and narrower than 200 mm. A pump to fit even in the smallest technical rooms and boxes.



FOR SMALL TO MEDIUM-SIZED POOLS

Available in single-phase and three-phase motors, Sena pumps can service from 3,5 to 16 m³/h. It withstands all common chemical treatments, including salt water chlorination.

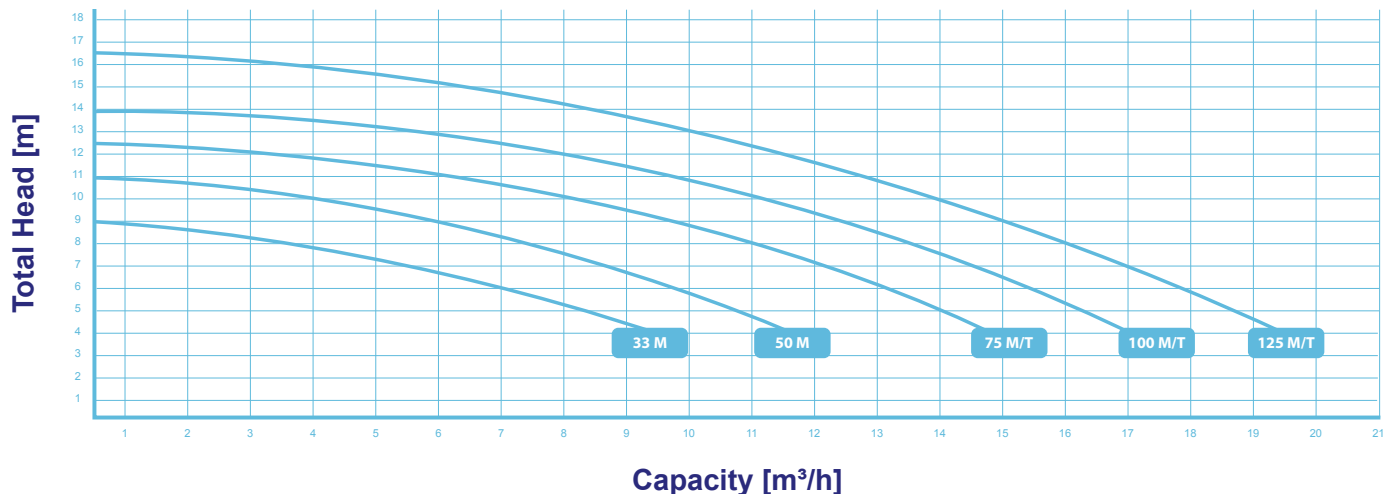
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TECHNICAL FEATURES

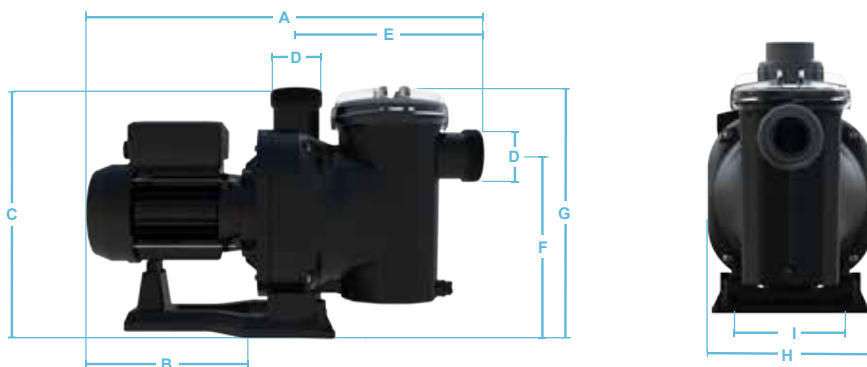
CODE	MODEL	Voltage	Capacity	Head	Max. Head	Max. Capacity at Head=4m	Motor Rated Output	Max. Absorbed Power	Pipe Size	Standard weight	Standard volume
		Un (V)	Qn (m³/h)	Hn (m)	Hmax (m)	Qmax (m³/h)	P2n (kW)	P1max (kW)	D (mm)	Kg	m³
25461	33M	230	3,5	8	9,0	9,3	0,25	0,46	D50	10.20	0.055
25462	50M	230	7,5	8	11,0	12,0	0,38	0,61	D50	10.20	0.055
25463	75M	230	11,2	8	13,0	15,3	0,56	0,91	D50	11.65	0.055
25464	75T	230/400	11,2	8	13,0	15,3	0,56	0,91	D50	11.40	0.055
25465	100M	230	13,8	8	14,5	17,3	0,75	1,14	D50	12.75	0.055
25466	100T	230/400	13,8	8	14,5	17,3	0,75	1,14	D50	13.00	0.055
25467	125M	230	16,0	8	16,5	19,5	0,94	1,19	D50	13.75	0.055
25468	125T	230/400	16,0	8	16,5	19,5	0,94	1,19	D50	13.55	0.055

Maximum flow at Head of 4 m.c.w

PERFORMANCE



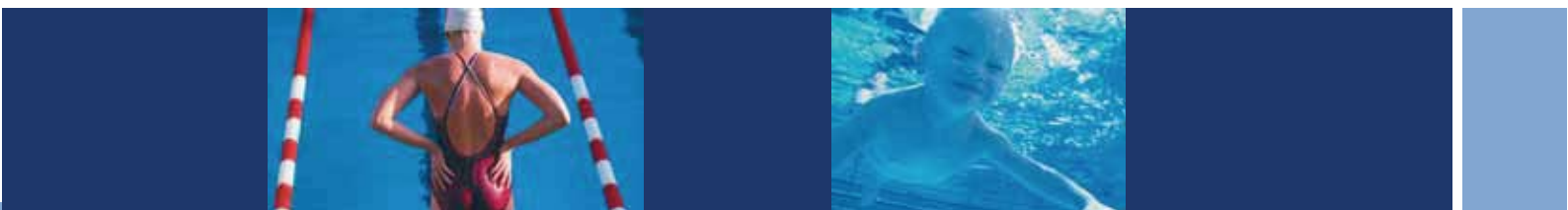
DIMENSIONS



CODE	DIMENSIONS (mm)								
	A	B	C	D	E	F	G	H	I
25461	472,3	191,5	290,5	50	225,5	210,5	296,7	199	142
25462	472,3	191,5	290,5	50	225,5	210,5	296,7	199	142
25463	489	208,2	290,5	50	225,5	210,5	296,7	199	142
25464	489	208,2	290,5	50	225,5	210,5	296,7	199	142
25465	489	208,2	290,5	50	225,5	210,5	296,7	199	142
25466	489	208,2	290,5	50	225,5	210,5	296,7	199	142
25467	489	208,2	290,5	50	225,5	210,5	296,7	199	142
25468	489	208,2	290,5	50	225,5	210,5	296,7	199	142

Sena is designed and produced in Europe to be a reliable pump to serve small to medium-sized pools





Bombas de altas prestaciones para piscinas públicas
Máximo rendimiento sin corrosión

High-performance pumps for public swimming pools
Optimum performance, corrosion free



Bomba autoaspirante Maxim

Maxim self-priming pump

Altas prestaciones y facilidad de mantenimiento

La bomba autoaspirante de altas prestaciones Maxim ha sido desarrollada para su utilización en piscinas públicas y para su fabricación se utilizan plásticos técnicos de gran resistencia que le garantizan una vida útil más larga.

Con un diseño adaptado a los requerimientos de la piscina pública, la Maxim es una bomba fabricada totalmente en plásticos técnicos, la bomba Maxim incorpora a su vez un prefiltro de 8 litros de capacidad. En todos los modelos el prefiltro es recambiable y dispone de una llave de serie para facilitar la obertura del mismo.

Las opciones disponibles, todas de motores trifásicos, son de 3.5CV, 4.5CV y 5.5CV. Los motores tienen voltajes de trabajo de 230V / 400V y podrán soportar variaciones de voltaje de +/-10%.

La Astral Maxim tiene una capacidad de autoaspiración de 1 m.c.a.

La Astral Maxim ha obtenido la certificación GS, otorgada por TUV Product Service.



High performance and ease of maintenance

The self-priming, high performance Maxim pump has been developed for use in public swimming pools, and the high-resistance technical plastics used in its manufacturing guarantee a longer working life.

With a design adapted to the requirements of the public swimming pool, the Maxim is made entirely of technical plastics. The Maxim pump also incorporates a prefilter with a capacity of 8 litres. The prefilter is replaceable in all the models and has a standard key to facilitate opening. The available options, all three-phase motors, are 3.5hp, 4.5hp and 5.5hp. The motors have working voltages of 230V / 400V and can tolerate assembly options of +/-10%.

The Maxim has a self-priming capacity of 1 m.c.a. The Astral Maxim pump has obtained the mark GS, given by TUV Product Service.



Recomendaciones Dr.Pool

Recomendamos recircular todo el agua de la piscina como mínimo una vez al día. Para optimizar el funcionamiento de la bomba es necesario limpiar la cesta del prefiltro periódicamente. Alargaremos la vida de la bomba si durante el invierno u otro periodo de inactividad vaciamos la bomba y realizamos el mantenimiento.

Dr.Pool's tips

We recommend that you recirculate all of the water in the pool at least once a day. To obtain the best performance from the pump it is necessary to clean the prefilter mesh at regular intervals. During the winter or other periods of inactivity the life of the pump will be prolonged if it is emptied and the necessary maintenance is carried out.



Sus características:

- **Materiales**

Cuerpo difusor fabricado en polipropileno y rodete de Luranyl ®. => aportan una gran resistencia mecánica a las altas temperaturas. El eje del motor y todas las partes metálicas en contacto con el agua están fabricadas en acero inoxidable AISI-316. El cierre mecánico también incorpora acero inoxidable AISI-316 y óxido de alumina en las partes fijas, material de gran pureza que le aporta resistencia a la presión y temperatura.

- **Motor**

Motor eurotensión con protección IP-55 y aislamiento clase F. Doble aislamiento del eje de motor frente a proyecciones de agua.

- **Rodamientos 2RS**

Estos sellos están protegidos por dos placas de obturación fabricadas en caucho moldeado a la platina, que protegen al rodamiento de la entrada de partículas sólidas. Este tipo de rodamientos permiten trabajar en ambientes con humedad y altas temperaturas.

- **Accesorios**

Incorpora raccords de conexión de 3" para aspiración e impulsión en el conjunto bomba.

Characteristics:

- **Materials**

Diffuser body made of polypropylene and the impeller made in Luranyl ®. => bestow great mechanical resistance at high temperatures. The motor shaft and all of the metal parts in contact with water are made of AISI-316 stainless steel. The mechanical casing also incorporates AISI-316 stainless steel and aluminium oxide on non-moving parts, material of great purity, which gives it resistance to pressure and temperature.

- **Motor**

Eurotension motor with IP-55 protection and class F insulation. Double insulation around the motor shaft to protect against spurts of water.

- **2RS Bearings**

These seals are protected by two sealed plates made of platen-moulded rubber, which prevent the intrusion of solid particles into the bearing. This kind of bearing makes it possible to work in wet environments and at high temperatures.

- **Accessories**

Includes 3" connection fittings for suction and propulsion in the pump unit.



Prefiltro de gran capacidad y fácil apertura

Prefiltro de 8 litros fabricado en polipropileno, material que le aporta rigidez y mayor resistencia. Incorpora asimismo una llave de serie para facilitar su apertura.

Large-capacity, easy-open prefilter

8-litre prefilter made of polypropylene, a material that endows it with rigidity and greater resistance. It also incorporates a standard key to facilitate opening.



Aislamiento total frente a la corrosión

Conseguimos un aislamiento total frente a la corrosión y las altas temperaturas gracias a la utilización del acero inoxidable AISI 316 en las partes en contacto con el agua y el óxido de alumina en el sello mecánico. La protección del motor es de Clase F y le permite soportar temperaturas internas hasta 155°C.

Complete insulation from corrosion

We have achieved complete insulation from corrosion and high temperatures thanks to the use of AISI 316 stainless steel in the parts in contact with water and of aluminium oxide in the mechanical seal. The Class F motor guard enables it to tolerate internal temperatures of up to 155°C.

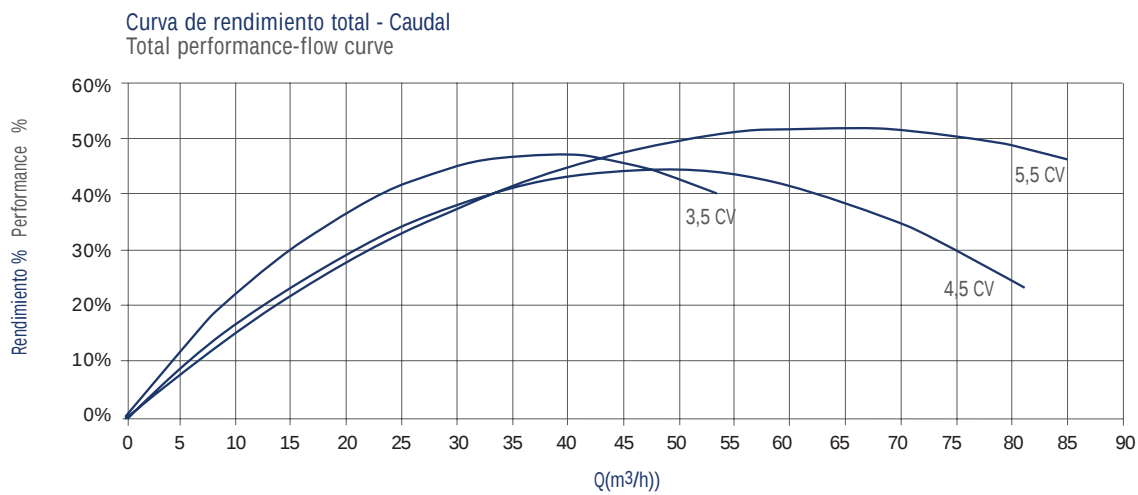
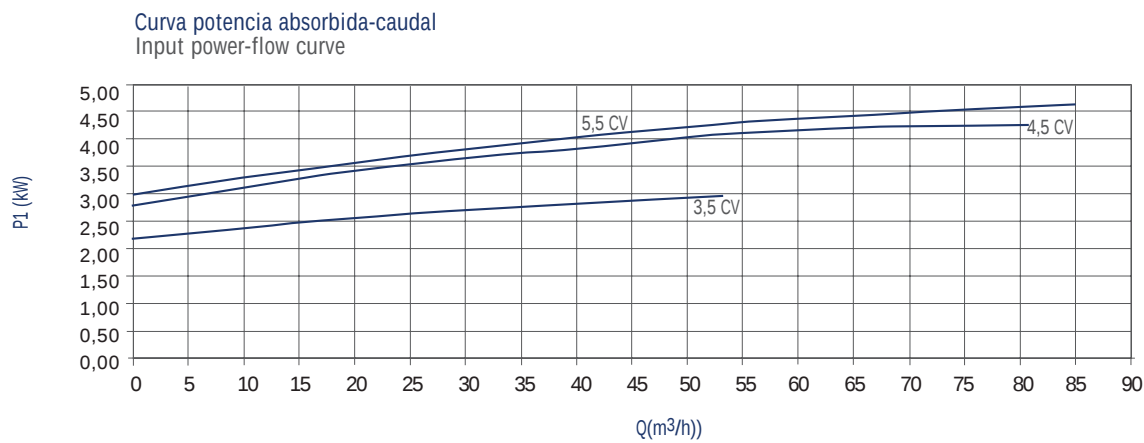
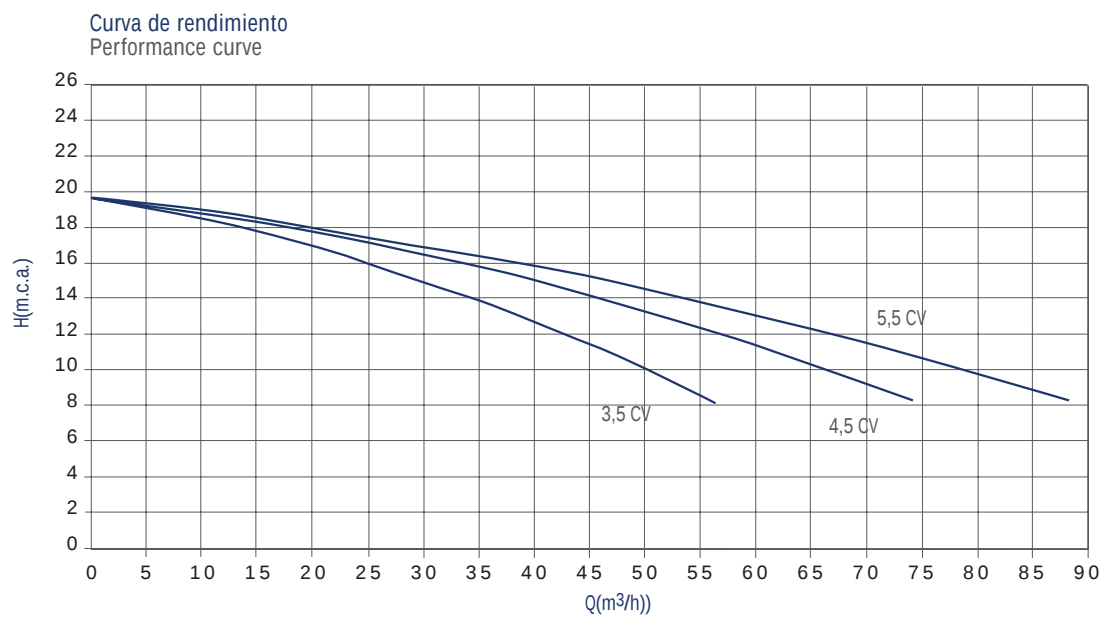
Los elementos de la bomba

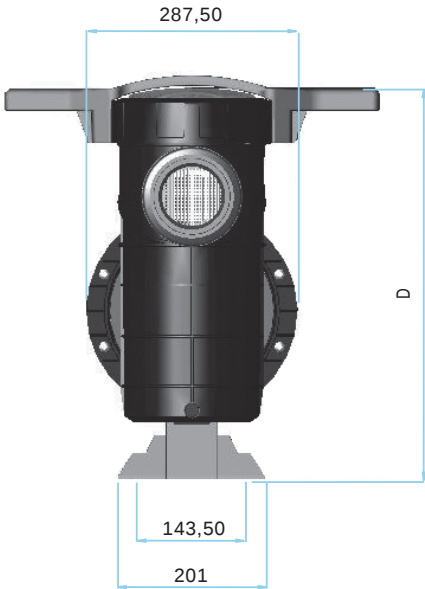
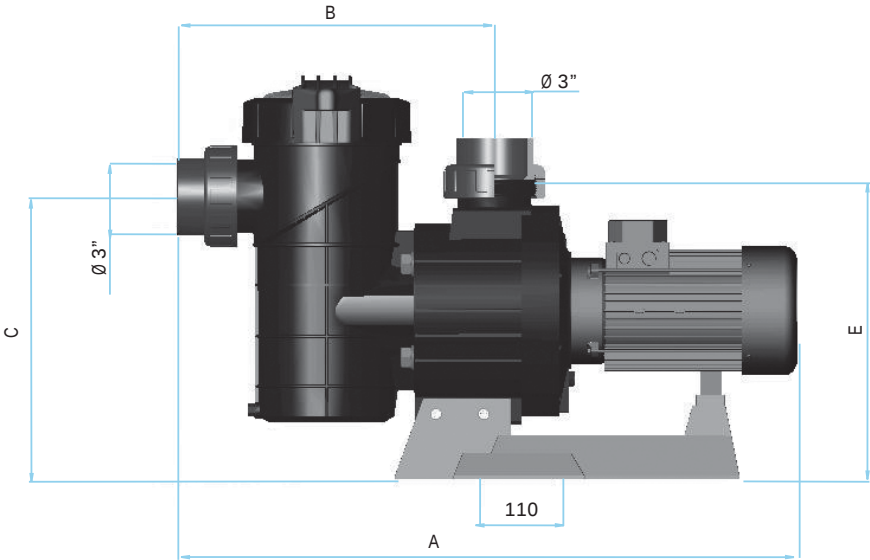
Pump components



- 1 Tapa prefiltro transparente.
- 2 Llave tapa prefiltro.
- 3 Raccords de conexión para aspiración e impulsión de 3".
- 4 Tapón purga de fácil apertura.
- 5 Prefiltro de 8 litros de capacidad.
- 6 Cesto prefiltro para evitar la entrada de elementos sólidos en la hidráulica.
- 7 Pie bomba de gran estabilidad.
- 8 Cierre mecánico construido en acero AISI 316 y parte fija en óxido de alumina.
- 9 Rodete de Luranyl®.
- 10 Rodamiento 2RS, fabricados en caucho moldeado a la platina.
- 11 Motor Eurotensión con protección IP-55. Aislamiento clase F.

- 1 Transparent prefilter lid.
- 2 Prefilter lid key.
- 3 3" connection fittings for suction and propulsion.
- 4 Easy-open drain plug.
- 5 8-litre capacity prefilter.
- 6 Prefilter mesh to prevent the entrance of solid particles into the hydraulics.
- 7 Extra-stable pump foot.
- 8 Mechanical casing made of AISI 316 steel and non-moving parts of aluminium oxide.
- 9 Luranyl® impeller.
- 10 2RS bearings made of platen-moulded rubber.
- 11 Eurotension motor with IP-55 protection. Class F insulation.





Código Code	A	B	C	D	E
08003	813	432	386	534	409
08004	845	432	386	534	409
08005	845	432	386	534	409

Medidas en mm
Sizes in mm

230/400 V 50 Hz	Intensidad A		P1 (Kw)	P2		Q (m3/h)	H(m.c.a)					
	230 V III	400 V III	III	kW	HP		8	10	12	14	16	18
08003	10	5,8	3,22	2,6	3,5		56	50	42	34	23	-
08004	13	7,4	4,06	3,3	4,5		74	66	57	46	30	15
08005	15	8,4	4,83	4	5,5		88	78	67	53	34	17



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