



Since 1962

CATALOGUE

- 2021 -



Efficient pumping

Innovation, engineering and service are the attributes that define ESPA products to achieve an **efficient pumping and offer a quality service oriented to the customer**. The creative capacity of the organization is deployed through a demanding process of product development based on knowledge of technological and market needs.

Since 1962, ESPA has been developing a specialized trajectory in the manufacturing of products and equipment for pumping and efficient water management, deploying a range of innovative products and an industrial and commercial organization at the service of professionals, installers and wholesalers. With this experience, **ESPA stands as a reference in the manufacturing of pumping equipment for domestic, residential and commercial uses**.

ESPA product portfolio provides value for its innovative nature and development engineering that offers the appropriate solutions to the most demanding needs of the markets. Thanks to its operational and distributive deployment, ESPA is present around the world.

ESPA Efficient Engineering summarizes the innovative spirit, focused on the study and application of the most appropriate technologies that are added to the concept of efficient pumping and an engineering that every day works for the development of efficient equipment.



#espamoments



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SUBMERSIBLE



Acuaría 07S Submersible

Submersible monoblock centrifugal multistage pump for water supply

Applications

Pumping of clean water for domestic, industrial, agricultural and gardening purposes.
Suitable for open wells, ponds and tanks.

Materials

Pump body, suction, discharge, filter and impellers in AISI 304.
Pump shaft in AISI 431.
Diffusers in technopolymer.
Double mechanical seal in aluminium-graphite.
O-rings in NBR/EPDM.

Equipment

Check valve not included.
Model MA: float switch.
Model M: without float switch.
15m of cable without plug.
External capacitor.
Acuaría 07S 2 and 3 220V with internal capacitor.

Motor

Asynchronous 2 poles.
IP68 protection.
Class F insulation.
Built-in thermal protection.
Continuous operation.
Water cooled motor.

Limitations

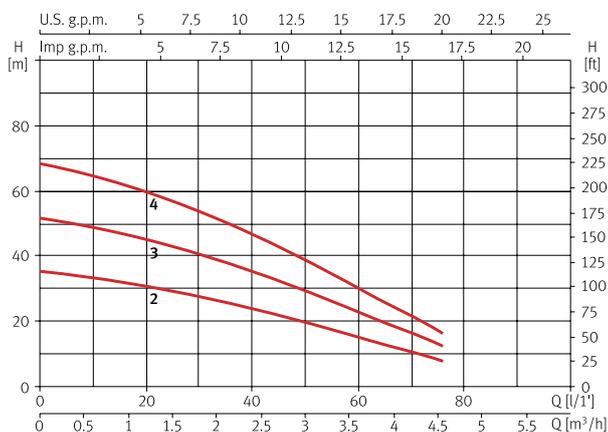
Maximum water temperature: 40°C.
Maximum submersion: 12m.



Hydraulic performance table

Model	I [A]		P1 [kW]	P2		c [μF]	l/min	10	20	40	60	70	Code			
	1~115V	1~220V	1~	[kW]	[HP]								115V/220V	m³/h	0,6	1,2
Acuaría 07S 2	6,8	3,7	0,75	0,37	0,5	30/12	mwc	33	30	24	15	10	210126	210167	209427	210168
Acuaría 07S 3	12	5,4	1,1	0,75	1	30/12		49	45	36	23	16	210123	210159	209426	210127
Acuaría 07S 4	13,5	6,6	1,4	0,9	1,2	40/16		65	60	48	30	21	210124	210125	209424	209418

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	Kg
Acuaría 07S 2	455	125	1"	10
Acuaría 07S 3	479	125	1"	11,5
Acuaría 07S 4	522	125	1"	12,4



Acuaría 17 Submersible



Submersible monoblock centrifugal multistage pump for water supply

Applications

Pumping of clean water for domestic, industrial, agricultural and gardening purposes.
Suitable for open wells, ponds and tanks.

Materials

Pump body, suction, discharge, filter and impellers in AISI 304.
Pump shaft in AISI 431.
Diffusers in technopolymer.
Double mechanical seal in aluminium-graphite.
O-rings in NBR/EPDM.

Equipment

Check valve not included.
Model MA: float switch.
Model M: without float switch.
15m of cable without plug.
External capacitor.

Motor

Asynchronous 2 poles.
IP68 protection.
Class F insulation.
Built-in thermal protection.
Continuous operation.
Water cooled motor.

Limitations

Maximum water temperature: 40°C.
Maximum submersion: 12m.



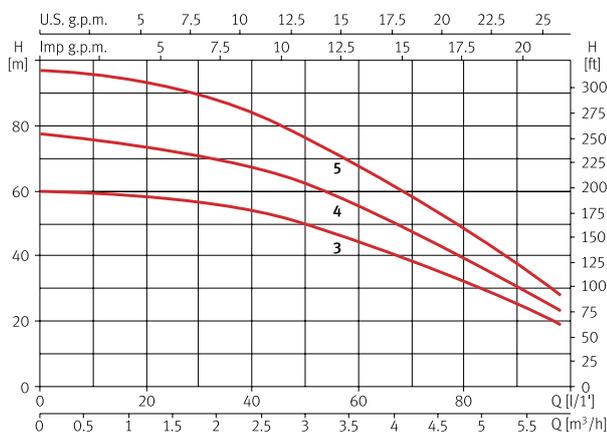
Model MA

Model M

Hydraulic performance table

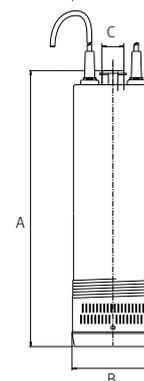
Model	I [A]	P1 [kW]	P2		c [μF]	l/min	10	20	40	60	90	Code	
	1~220V	1~	[kW]	[HP]	220v	m³/h	0,6	1,2	2,4	3,6	5,4	1~220V (Model M)	1~220V (Model MA)
Acuaría 17 3	7,7	1,6	0,9	1,2	16	mwc	59	58	55	45	25	98300	98298
Acuaría 17 4	10,2	2,2	1,1	1,5	25		75	72	67	55	30	96242	98302
Acuaría 17 5	13,4	2,8	1,5	2	30		96	93	83	68	38	96264	-

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	Kg
Acuaría 17 3	511	138	1"	18,5
Acuaría 17 4	552	138	1"	20,3
Acuaría 17 5	604	138	1"	22,8



Acuaria 27 Submersible

Submersible monoblock centrifugal multistage pump for water supply

Applications

Pumping of clean water for domestic, industrial, agricultural and gardening purposes.
Suitable for open wells, ponds and tanks.

Materials

Pump body, suction, discharge, filter and impellers in AISI 304.
Pump shaft in AISI 431.
Diffusers in technopolymer.
Double mechanical seal in aluminium-graphite.
O-rings in NBR/EPDM.

Equipment

Check valve not included.
Model MA: float switch.
Model M/T: without float switch.
15m of cable without plug.
External capacitor.

Motor

Asynchronous 2 poles.
IP68 protection.
Class F insulation.
Single phase motor with built-in thermal protection.
Continuous operation.
Water cooled motor.

Limitations

Maximum water temperature: 40°C.
Maximum submersion: 12m.



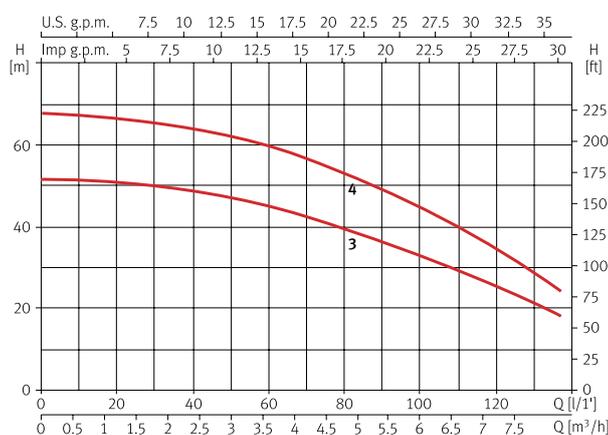
Model MA

Model M/T

Hydraulic performance table

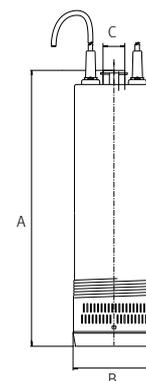
Model	I [A]		P1 [kW]		P2		C [μF] 220V	l/min m³/h	40	60	80	100	120	Code		
	1~ 220V	3~ 220V	1~	3~	[kW]	[HP]								1~220V (Model M)	1~220V (Model MA)	3~220V (Model T)
Acuaria 27 3	8,7	5,1	1,8	1,8	1,1	1,5	25	mwc	49	45	40	33	26	96319	98320	96311
Acuaria 27 4	13	7	2,6	2,4	1,5	2	30		65	60	53	45	35	96341	98324	96325

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	Kg
Acuaria 27 3	548	138	1"	20,2
Acuaria 27 4	604	138	1"	22,9



Acuaría 37 Submersible



Submersible monoblock centrifugal multistage pump for water supply

Applications

Pumping of clean water for domestic, industrial, agricultural and gardening purposes.
Suitable for open wells, ponds and tanks.

Motor

Asynchronous 2 poles.
IP68 protection.
Class F insulation.
Continuous operation.
Water cooled motor.

Materials

Pump body, filter and impellers in AISI 304.
Suction and discharge in cast iron.
Pump shaft in AISI 431.
Diffusers in technopolymer.
Double mechanical seal in aluminium-graphite.
O-rings in NBR/EPDM.

Limitations

Maximum water temperature: 40°C.
Maximum submersion: 12m.

Equipment

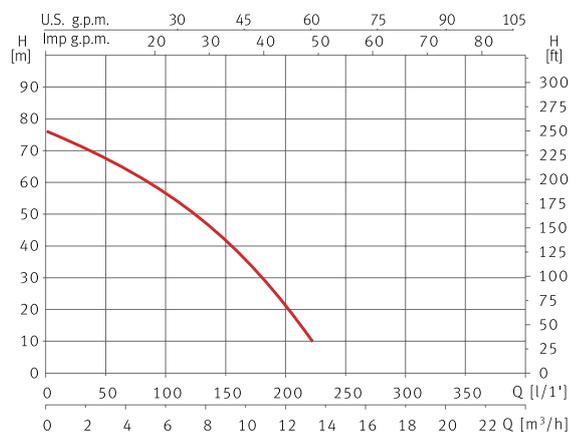
Check valve not included.
15m of cable without plug.



Hydraulic performance table

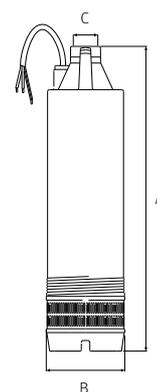
Model	I [A]	P1 [kW]	P2		l/min	25	50	100	150	200	Code
	3~220V	3~	[kW]	[HP]	m ³ /h	1,5	3	6	9	12	3~220V
Acuaría 37 4	10	3,3	2,2	3	mwc	79	74	63	48	28	144152

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	Kg
Acuaría 37 4	609	152	1 1/2"	25



Acuaría 57 **Submersible**

Submersible monoblock centrifugal multistage pump for water supply

Applications

Pumping of clean water for domestic, industrial, agricultural and gardening purposes.
Suitable for open wells, ponds and tanks.

Materials

Pump body, filter and impellers in AISI 304.
Suction and discharge in cast iron.
Pump shaft in AISI 431.
Diffusers in technopolymer.
Double mechanical seal in aluminium-graphite.
O-rings in NBR/EPDM.

Equipment

Check valve not included.
15m of cable without plug.

Motor

Asynchronous 2 poles.
IP68 protection.
Class F insulation.
Continuous operation.
Water cooled motor.

Limitations

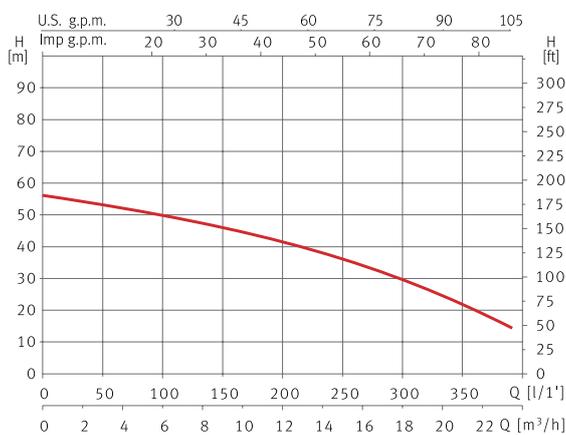
Maximum water temperature: 40°C.
Maximum submersion: 12m.



Hydraulic performance table

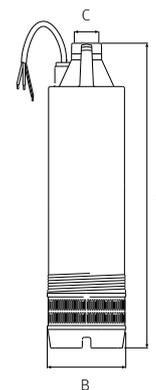
Model	I [A]		P1 [kW]	P2		l/min	50	100	200	300	350	Code	
	3~220V	3~440V	3~	[kW]	[HP]							m³/h	3~220V
Acuaría 57 3	11,2	6,4	3,7	2,2	3	mwc	54	50	42	30	22	144154	176919

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	Kg
Acuaría 57 3	667	152	1 1/2"	29



DRAINAGE



Vigila 100 Drainage

Portable submersible pump for waste water

Applications

Evacuation, transfer and emptying of waste water and emptying of swimming pools.

Materials

Pump in technopolymer.
Pump shaft in AISI 420.
Impeller in technopolymer.
Lip seal.
O-rings in NBR/EPDM.

Equipment

Float switch and 5m of cable without plug.
Internal capacitor.

Motor

Asynchronous 2 poles.
IP68 protection.
Class F insulation.
Built-in thermal protection.
Continuous operation.

Limitations

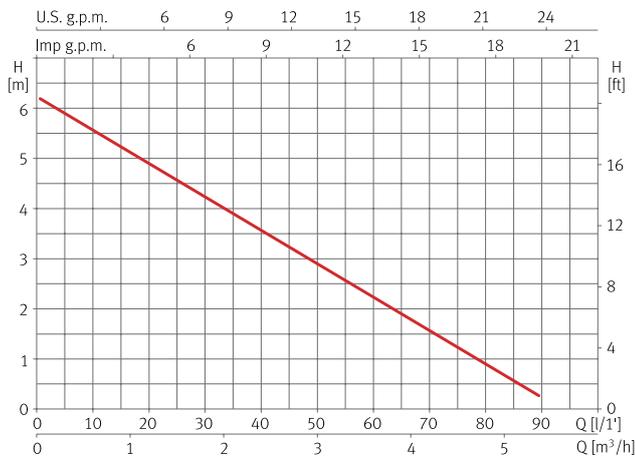
Maximum water temperature: 40°C.
Maximum solids passage: Ø 5mm.
Maximum submersion: 2m.



Hydraulic performance table

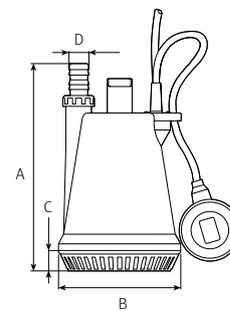
Model	I [A]		P1 [kW]	P2		C [µF] 115V/220V	l/min m³/h	10	20	40	60	80	Code	
	1~115V	1~220V		1~	[kW]								[HP]	1~115V
Vigila 100	2,2	1	0,22	0,11	0,15	12 / 6	mwc	0,6	1,2	2,4	3,6	4,8	99436	97805

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	Kg
Vigila 100	272	159	27	1 1/4"	4



Vigila 350 Drainage



Portable submersible pump for waste water

Applications

Evacuation, transfer and emptying of waste water and emptying of swimming pools.

Materials

Pump in technopolymer.
Pump shaft in AISI 420.
Impeller in technopolymer.
Lip seal.
O-rings in NBR/EPDM.

Equipment

Float switch and 5m of cable without plug.
Internal capacitor.

Motor

Asynchronous 2 poles.
IP68 protection.
Class F insulation.
Built-in thermal protection.
Continuous operation.

Limitations

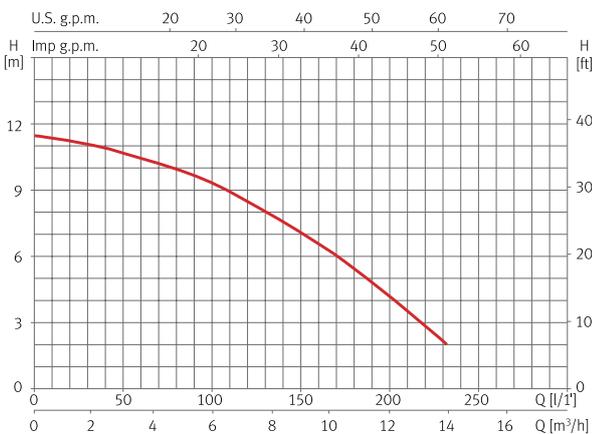
Maximum water temperature: 40°C.
Maximum solids passage: Ø 10mm.
Maximum submersion: 2m.



Hydraulic performance table

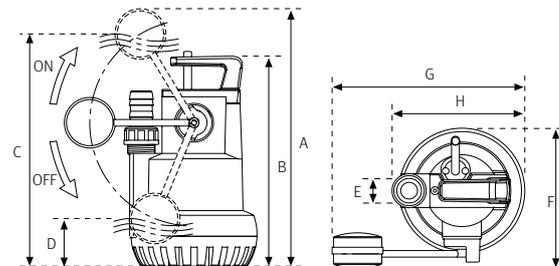
Model	I [A]		P1 [kW]	P2		C [µF]	l/min	40	80	120	160	200	Code	
	1~115V	1~220V		1~	[kW]								[HP]	115V/220V
Vigila 350	7,1	3,5	0,75	0,45	0,6	32/10	mwc	11	10	8,5	6,5	4,1	206795	206794

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	E	F	G	H	Kg
Vigila 350	444	372	405	124	1 1/4"	214	291	201	6,5



Vigilex 600 Drainage

Portable submersible pump for waste water with solids in suspension, vortex system

Applications

Evacuation, transfer and emptying of waste water with solids in suspension.

Materials

Pump in technopolymer.
Pump shaft in AISI 420.
Impeller in technopolymer.
Lip seal.
O-rings in NBR/EPDM.

Equipment

Float switch and 5m of cable without plug.
Internal capacitor.

Motor

Asynchronous 2 poles.
IP68 protection.
Class F insulation.
Built-in thermal protection.
Continuous operation.

Limitations

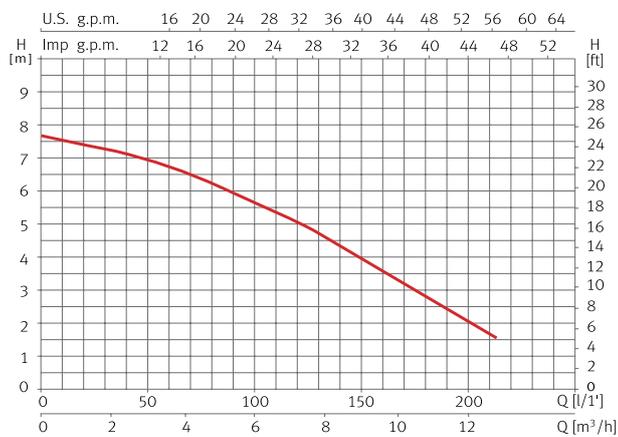
Maximum water temperature: 40°C.
Maximum solids passage: Ø 25mm.
Maximum submersion: 2m.



Hydraulic performance table

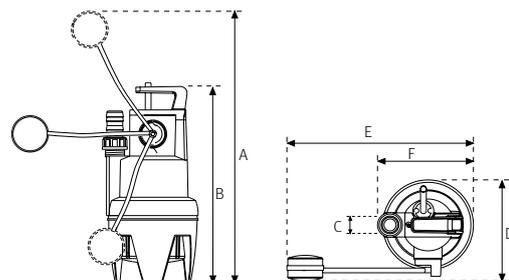
Model	I [A]		P1 [kW]	P2		c [µF] 115V/220V	l/min m³/h	20	50	100	150	200	Code	
	1~ 115V	1~ 220V		1~ [kW]	[HP]								1~115V	1~220V
Vigilex 600	8,5	4	0,9	0,5	0,7	32/10	mwc	7,4	7	5,6	4	2	206797	206796

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	E	F	Kg
Vigilex 600	590	408	1 1/4"	214	391	201	6,7



Submersible pump for waste water with solids in suspension, vortex system

Applications

Evacuation, transfer and emptying of waste water with solids in suspension.

Materials

Pump body in AISI 304.
 Pump shaft in AISI 420.
 Suction in technopolymer.
 Impeller in technopolymer reinforced with steel.
 Mechanical seal in aluminium-graphite.
 O-rings in NBR/EPDM.

Equipment

Float switch and 10m of cable without plug.
 Internal capacitor.

Motor

Asynchronous 2 poles.
 IP68 protection.
 Class F insulation.
 Built-in thermal protection.
 Continuous operation.

Limitations

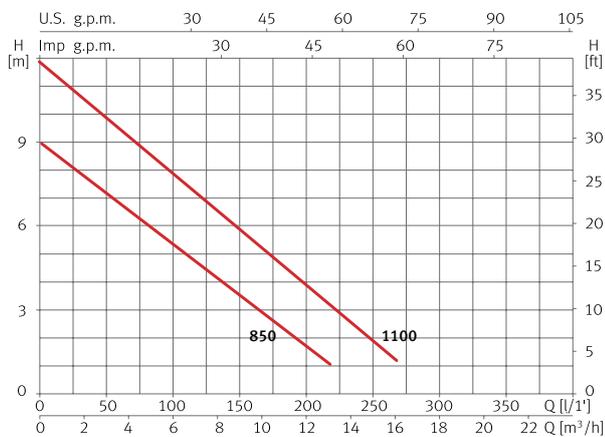
Maximum water temperature: 40°C.
 Maximum solids passage: Ø 35mm.
 Maximum submersion: 7m.



Hydraulic performance table

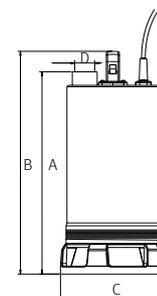
Model	I [A]	P1 [kW]	P2		c [µF]	l/min	50	100	150	200	250	Code
	1~220V	1~	[kW]	[HP]	220V	m³/h	3	6	9	12	15	1~220V
Vigilex SS 850	3,6	0,8	0,37	0,5	12	mwc	7	5,2	3,5	1,9	-	97832
Vigilex SS 1100	4,9	1,1	0,75	1	12		10	8	6	4	2	97824

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	Kg
Vigilex SS 850	435	479	224	1 1/2"	11,1
Vigilex SS 1100	455	499	224	1 1/2"	12



Vigicor Drainage

Submersible pump for waste water with solids in suspension, grinder system

Applications

Evacuation, transfer and emptying of waste water with solids in suspension.

Materials

Pump body in AISI 304.
 Pump shaft in AISI 420.
 Suction and discharge in cast iron.
 Impeller in technopolymer reinforced with steel.
 Grinder blade in stainless steel.
 Mechanical seal in aluminium-graphite.
 O-rings in NBR/EPDM.

Equipment

Float switch and 10m of cable without plug.
 Internal capacitor.

Motor

Asynchronous 2 poles.
 IP68 protection.
 Class F insulation.
 Built-in thermal protection.
 Continuous operation.

Limitations

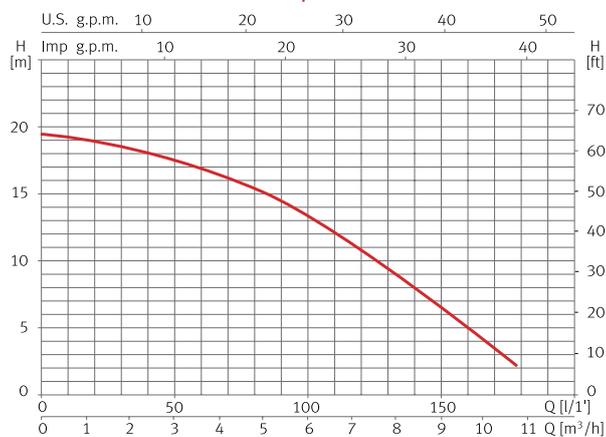
Maximum water temperature: 40°C.
 Maximum submersion: 7m.



Hydraulic performance table

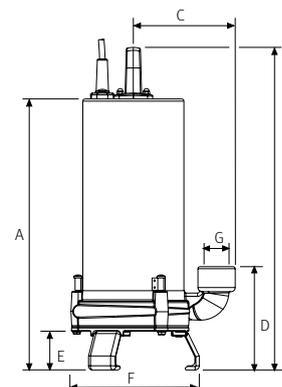
Model	I [A]	P1 [kW]	P2		c [μF]	l/min	30	60	90	120	150	Code
	1~220V	1~	[kW]	[HP]		220V	m³/h	1,8	3,6	5,4	7,2	
Vigicor 150	6,5	1,3	0,9	1,2	16	mwc	18,5	17	14,5	10,9	6,5	97797

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	E	F	G	Kg
Vigicor 150	396	471	148	151	57	191	1 1/4"	15,5



Drain 100 Drainage



Submersible pump for waste water

Applications

Evacuation, transfer and emptying of waste water.

Materials

Pump body in AISI 304.
Pump shaft in AISI 420.
Impeller in technopolymer.
Suction and discharge in cast iron.
Double mechanical seal in aluminium-graphite.
O-rings in NBR/EPDM.

Equipment

Float switch and 10m of cable without plug.
External capacitor.

Motor

Asynchronous 2 poles.
IP68 protection.
Class F insulation.
Built-in thermal protection.
Continuous operation.

Limitations

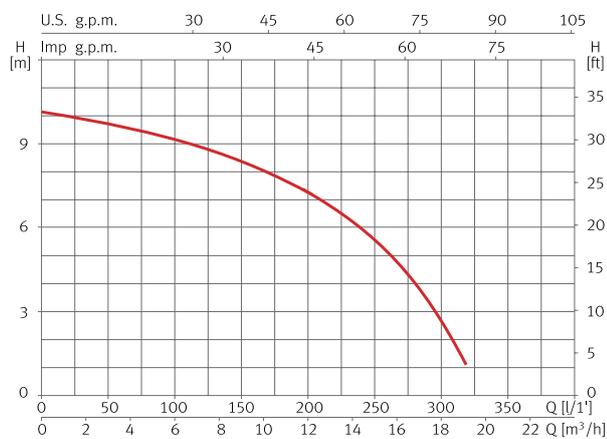
Maximum water temperature: 40°C.
Maximum solids passage: Ø 7mm.
Maximum submersion: 7m.



Hydraulic performance table

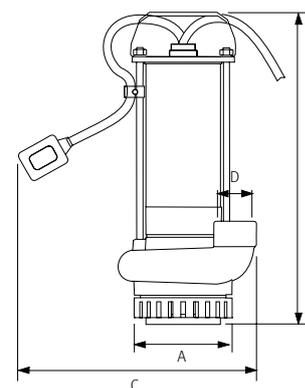
Model	I [A]		P1 [kW]	P2		C [µF] 115V/220V	l/min	50	100	150	200	300	Code	
	1~115V	1~220V	1~	[kW]	[HP]		m³/h	3	6	9	12	18	1~115V	1~220V
Drain 100	6,7	3,2	0,8	0,75	1	30/12	mwc	9,8	9,1	8,3	7,1	2,8	98541	96602

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	Kg
Drain 100	122	392	300	1 3/4"	10,5



Drainex 100 Drainage

Submersible pump for waste water with solids in suspension, vortex system

Applications

Evacuation, transfer and emptying of waste water with solids in suspension.

Materials

Pump body in AISI 304.
 Pump shaft in AISI 420.
 Suction and discharge in cast iron.
 Impeller in brass.
 Double mechanical seal in aluminium-graphite.
 O-rings in NBR/EPDM.

Equipment

Float switch and 10m of cable without plug.
 External capacitor.

Motor

Asynchronous 2 poles.
 IP68 protection.
 Class F insulation.
 Built-in thermal protection.
 Continuous operation.

Limitations

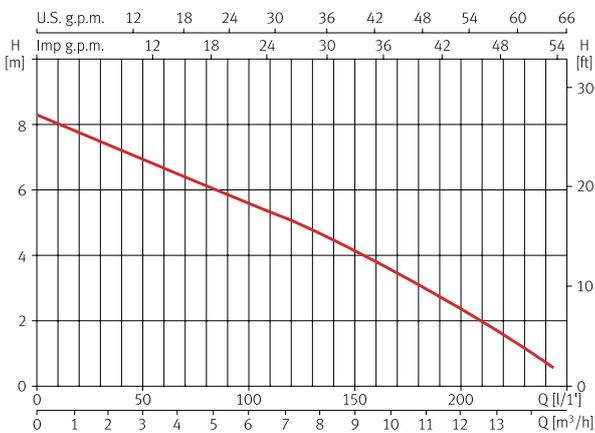
Maximum water temperature: 40°C.
 Maximum solids passage: Ø 35mm.
 Maximum submersion: 7m.



Hydraulic performance table

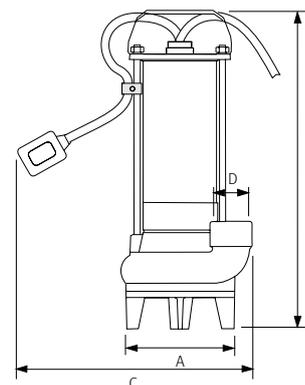
Model	I [A]		P1 [kW]	P2		c [μF]	l/min	25	50	100	150	200	Code	
	1~115V	1~220V	1~	[kW]	[HP]								1~115V	1~220V
Drainex 100	8,5	3,6	0,85	0,75	1	30/12	mwc	7,8	7	5,8	4,1	2,2	98553	96626

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	Kg
Drainex 100	138	407	300	1 1/4"	11



Submersible pump for waste water with solids in suspension, vortex system

Applications

Evacuation, transfer and emptying of waste water with solids in suspension.

Materials

Pump and impeller in cast iron.
Pump shaft in AISI 420.
Mechanical seal in aluminium-graphite.
O-rings in NBR/EPDM.

Equipment

90° elbow included.
Model MA: float switch.
Model M/T: without float switch.
10m of cable without plug.
115V: external capacitor.
220V: internal capacitor.

Motor

Asynchronous 2 poles.
IP68 protection.
Class F insulation.
Single phase motor with built-in thermal protection.
Continuous operation.

Limitations

Maximum water temperature: 40° C.
Maximum solids passage: Ø 45mm.
Maximum submersion: 7m.



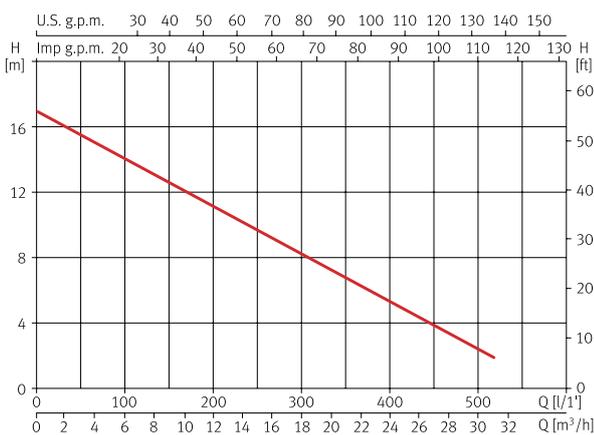
Model MA

Model M/T

Hydraulic performance table

Model	I [A]				P1 [kW]		P2		c [µF]	l/min	100	200	300	400	500	Code					
	1~115V	1~220V	3~220V	3~440V	1~	3~	[kW]	[HP]								115V/220V	m³/h	6	12	18	24
Drainex 202	15	8,5	4,1	2,4	1,6	1,5	1,1	1,5	30/16	mwc	14	11,5	8	5	2	98567	96673	196191	96675	96669	96671

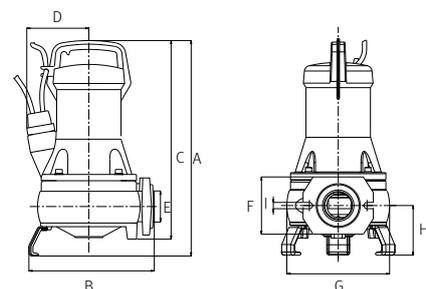
Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	E	F	G	H	I	Kg
Drainex 202	415	240	383	119	2"	110	196	95	12	25

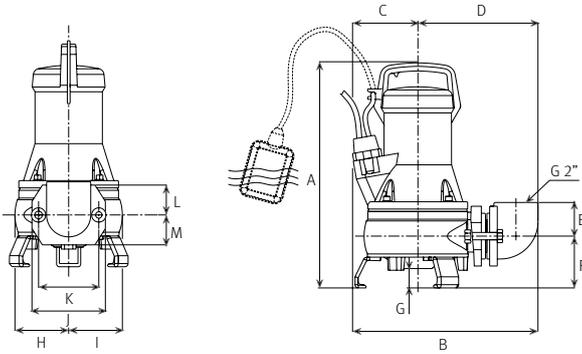
Ø Impeller 124 mm



Drainex 202 Drainage

Dimension portable version

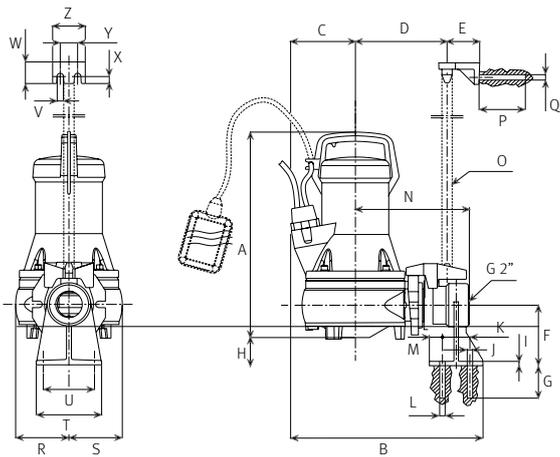
A	B	C	D	E	F	G	H	I	J	K	L	M
437	338	110	219	62	95	49	98	98	134	110	55	55



Dimension stationary version

A	B	C	D	E	F	G	H	I	J	K	L	M
388	353	110	168	60	112	60	52	8	12	51	Ø10	24

N	O	P	Q	R	S	T	U	V	W	X	Y	Z
209	Ø25	85	Ø10	98	98	120	94	12	40	13	32	60



Submersible pump for waste water with solids in suspension, vortex system

Applications

Evacuation, transfer and emptying of waste water with solids in suspension.

Materials

Pump and impeller in cast iron.
Pump shaft in AISI 420.
Mechanical seal in aluminium-graphite.
O-rings in NBR/EPDM.

Equipment

90° elbow included.
Model MA: float switch.
Model M/T: without float switch.
10m of cable without plug.
Internal capacitor.

Motor

Asynchronous 2 poles.
IP68 protection.
Class F insulation.
Single phase motor with built-in thermal protection.
Continuous operation.

Limitations

Maximum water temperature: 40° C.
Maximum solids passage: Ø 65mm.
Maximum submersion: 7m.



Model MA

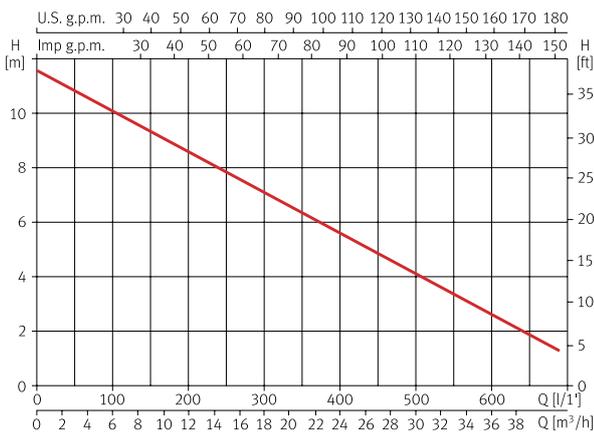


Model M/T

Hydraulic performance table

Model	I [A]			P1 [kW]		P2		C [µF]	l/min	200	300	400	500	600	Code			
	1~220V	3~220V	3~440V	1~	3~	[kW]	[HP]								220v	m³/h	12	18
Drainex 302	9	4,9	2,8	1,9	1,8	1,1	1,5	16	mwc	8,2	7	5,5	4	2,5	96703	96705	96699	96701

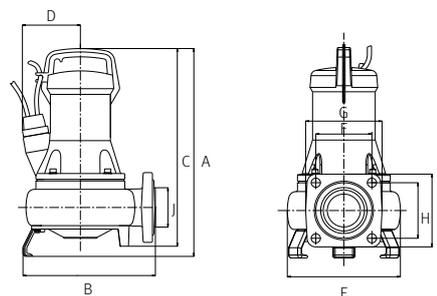
Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	E	F	G	H	I	J	Kg
Drainex 302	429	272	408	119	222	110	150	110	144	2 1/2"	28

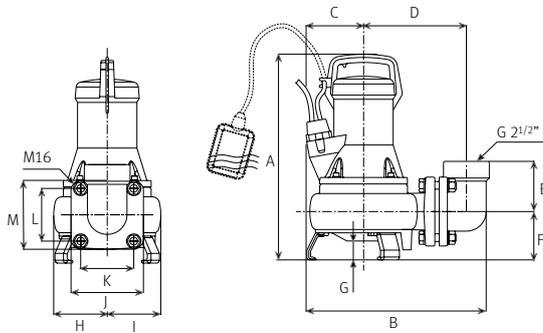
Ø Impeller 124 mm



Drainex 302 Drainage

Dimension portable version

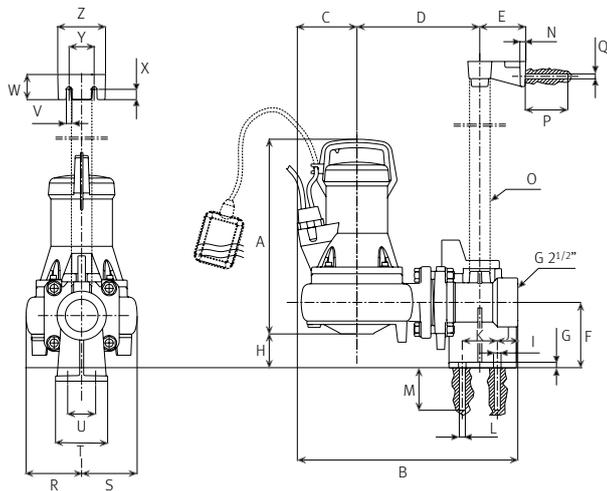
A	B	C	D	E	F	G	H	I	J	K	L	M
455	373	108	213	105	101	62	111	111	150	110	110	144



Dimension stationary version

A	B	C	D	E	F	G	H	I	J	K	L	M
405	441	108	246	92	132	12	75	15	38	70	Ø12	85

N	O	P	Q	R	S	T	U	V	W	X	Y	Z
12	Ø42	85	Ø10	111	111	104	56	11	51	21	50	95



Drainex 401 Drainage



Submersible pump for waste water with solids in suspension, vortex system

Applications

Evacuation, transfer and emptying of waste water with solids in suspension.

Materials

Pump and impeller in cast iron.
Pump shaft in AISI 420.
Mechanical seal in aluminium-graphite.
O-rings in NBR/EPDM.

Equipment

10m of cable without plug.

Motor

Asynchronous 2 poles.
IP68 protection.
Class F insulation.
Continuous operation.

Limitations

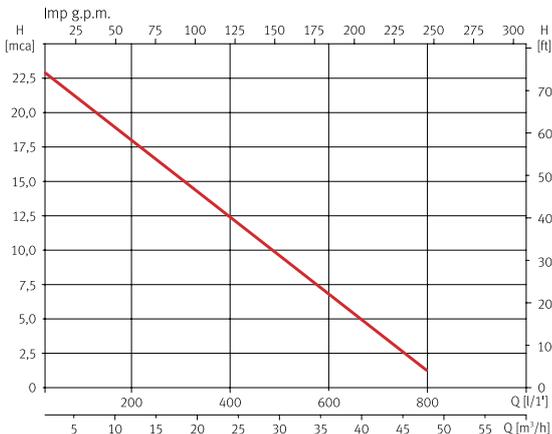
Maximum water temperature: 40° C.
Maximum solids passage: Ø 45mm.
Maximum submersion: 7m.



Hydraulic performance table

Model	I [A]		P1 [kW]	P2		l/min	200	300	400	500	600	Code	
	3~220V	3~440V	3~	[kW]	[HP]							m³/h	3~220V
Drainex 401	8,5	4,9	2,8	2,2	3	mwc	18	16	13	10	7	151491	138900

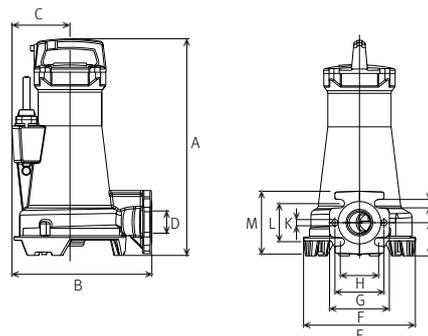
Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	Kg
Drainex 401	488	313	130	Ø50	251	134	110	86	75	19	Ø14	86	142	45

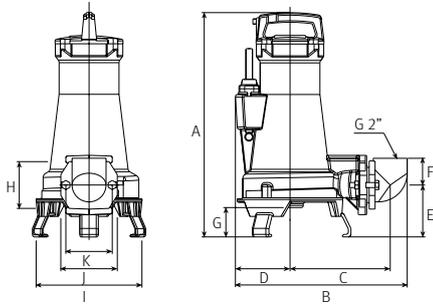
Ø Impeller 125 mm



Drainex 401 Drainage

Dimension portable version

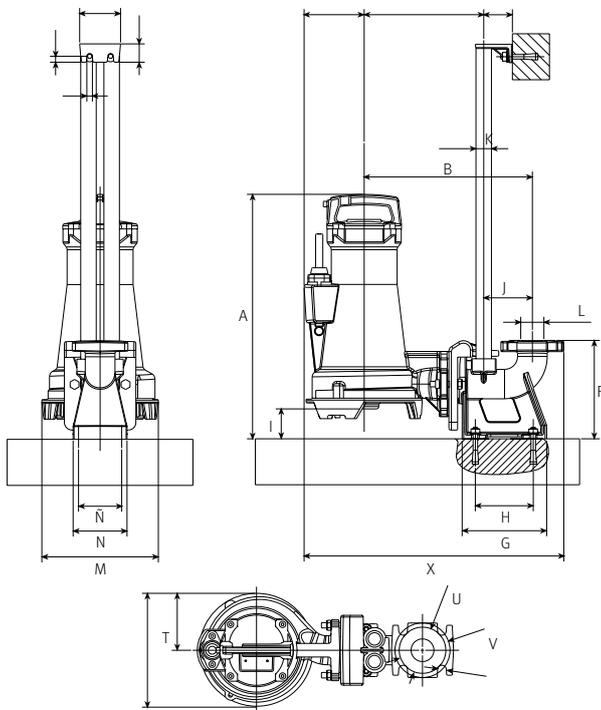
A	B	C	D	E	F	G	H	I	J	K
537	408	238	130	124	64	70	110	251	134	110



Dimension stationary version

A	B	C	D	E	F	G	H	I	J	K	L
532	363	130	258	62	214	183	125	65	105	1"	Ø50

M	N	Ñ	O	P	Q	R	S	T	U	V	W	X
251	116	93	88	40	13	12	251	125	100	121	19	561



Drainex 501 Drainage



Submersible pump for waste water with solids in suspension, vortex system

Applications

Evacuation, transfer and emptying of waste water with solids in suspension.

Materials

Pump and impeller in cast iron.
Pump shaft in AISI 420.
Mechanical seal in aluminium-graphite.
O-rings in NBR/EPDM.

Equipment

10m of cable without plug.

Motor

Asynchronous 2 poles.
IP68 protection.
Class F insulation.
Continuous operation.

Limitations

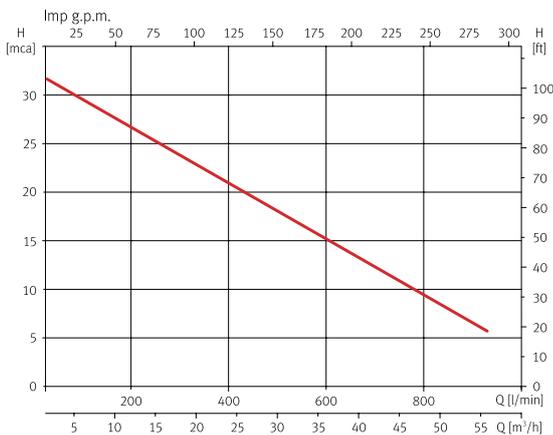
Maximum water temperature: 40° C.
Maximum solids passage: Ø 45mm.
Maximum submersion: 7m.



Hydraulic performance table

Model	I [A]		P1 [kW]	P2		l/min	200	300	500	600	800	Code	
	3~220V	3~440V	3~	[kW]	[HP]							m³/h	3~220V
Drainex 501	13,7	7,9	4,9	3,7	5	mwc	27	24	18	16	9	151493	138902

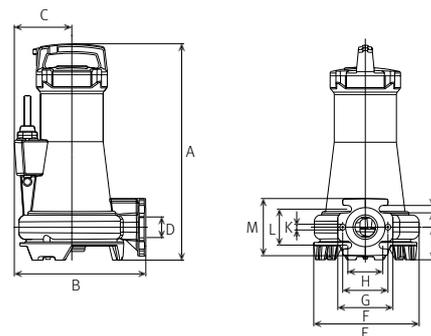
Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	Kg
Drainex 501	526	317	139	Ø50	256	134	110	85	80	18	Ø14	88	140	55

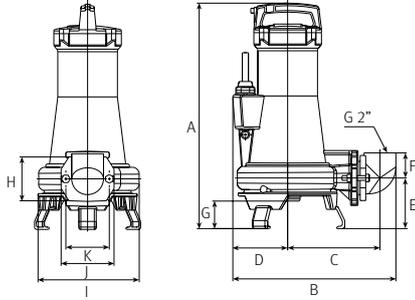
Ø Impeller 150 mm



Drainex 501 Drainage

Dimension portable version

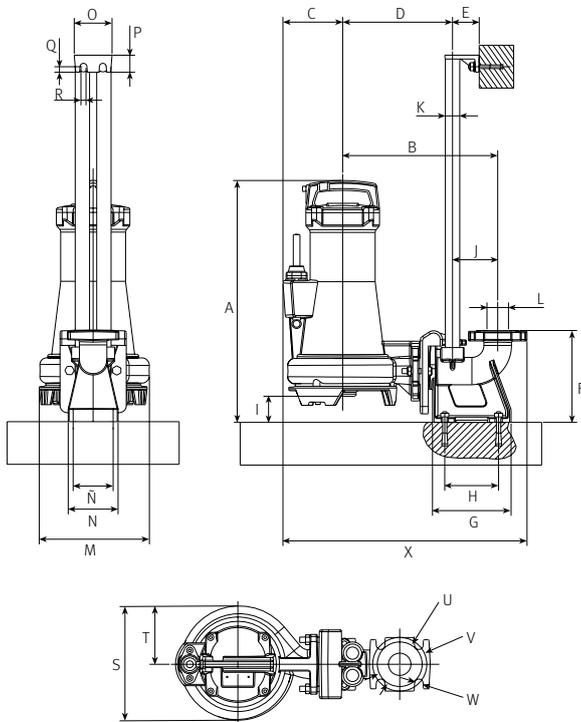
A	B	C	D	E	F	G	H	I	J	K
575	412	234	139	129	64	70	110	256	134	110



Dimension stationary version

A	B	C	D	E	F	G	H	I	J	K	L
566	360	139	255	62	215	183	125	61	105	1"	Ø50

M	N	N̄	O	P	Q	R	S	T	U	V	W	X
256	116	93	88	40	13	12	256	131	100	120	19	567



Submersible pump for waste water with solids in suspension, vortex system

Applications

Evacuation, transfer and emptying of waste water with solids in suspension.

Materials

Pump and impeller in cast iron.
Pump shaft in AISI 420.
Mechanical seal in aluminium-graphite.
O-rings in NBR/EPDM.

Equipment

10m of cable without plug.

Motor

Asynchronous 2 poles.
IP68 protection.
Class F insulation.
Continuous operation.

Limitations

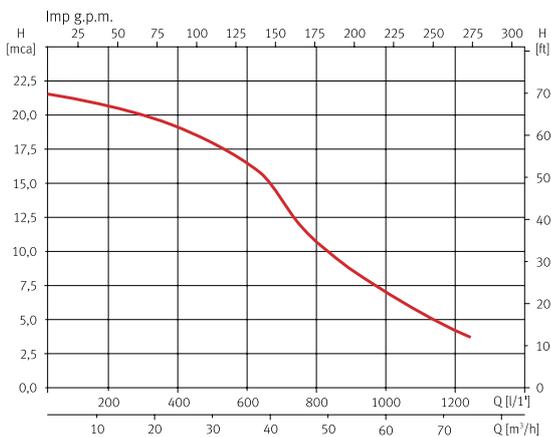
Maximum water temperature: 40° C.
Maximum solids passage: Ø 65mm.
Maximum submersion: 7m.



Hydraulic performance table

Model	I [A]		P1 [kW]	P2		l/min	200	400	600	800	1.000	Code	
	3~ 220V	3~ 440V	3~	[kW]	[HP]							m³/h	3~220V
Drainex 601	14,3	8,3	5,1	3,7	5	mwc	21	19	16,5	11	7,5	151494	138904

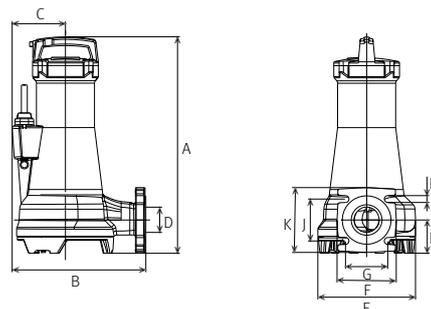
Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	E	F	G	H	I	J	K	Kg
Drainex 601	567	348	139	Ø65	254	154	110	87	18	110	170	60

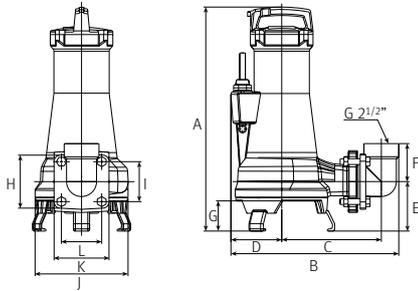
Ø Impeller 135 mm



Drainex 601 Drainage

Dimension portable version

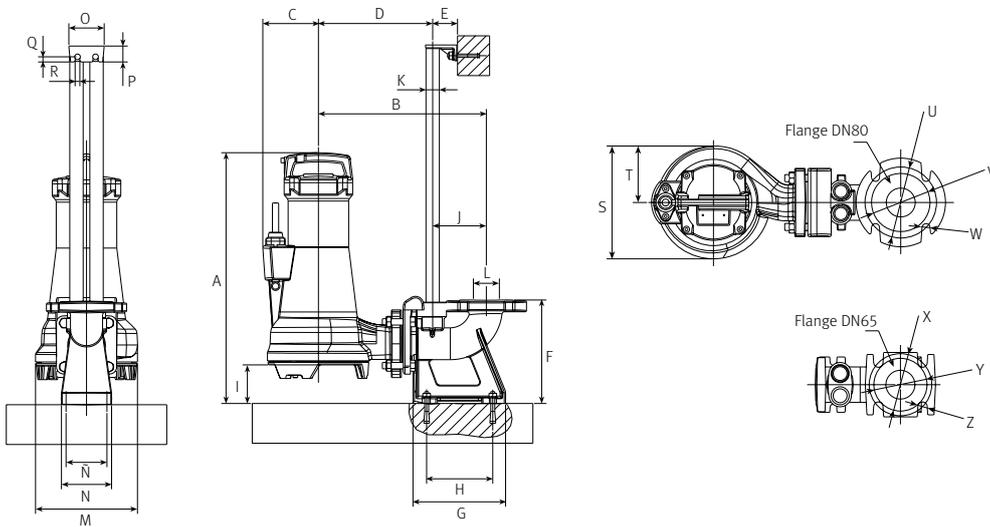
A	B	C	D	E	F	G	H	I	J	K	L
616	458	272	139	136	105	83	144	110	254	150	110



Dimension stationary version

A	B	C	D	E	F	G	H	I	J	K	L	M
630	419	319	285	62	260	231	165	97	134	1"	Ø65	254

N	Ñ	O	P	Q	R	S	T	U	V	W	X	Y	Z
125	102	88	40	13	12	254	127	Ø60	Ø133	Ø18	Ø140	Ø120	Ø21



Submersible pump for waste water with solids in suspension, grinder system

Applications

Evacuation, transfer and emptying of waste water with solids in suspension.

Materials

Pump and impeller in cast iron.
Grinder blade in steel.
Pump shaft in AISI 420.
Mechanical seal in aluminium-graphite.
O-rings in NBR/EPDM.

Equipment

90° elbow included.
Model MA: float switch.
Model M/T: without float switch.
10m of cable without plug.
External capacitor with capacitor box included.

Motor

Asynchronous 2 poles.
IP68 protection.
Class F insulation.
Single phase motor with built-in thermal protection.
Continuous operation.

Limitations

Maximum water temperature: 40° C.
Maximum submersion: 7m.



Model MA

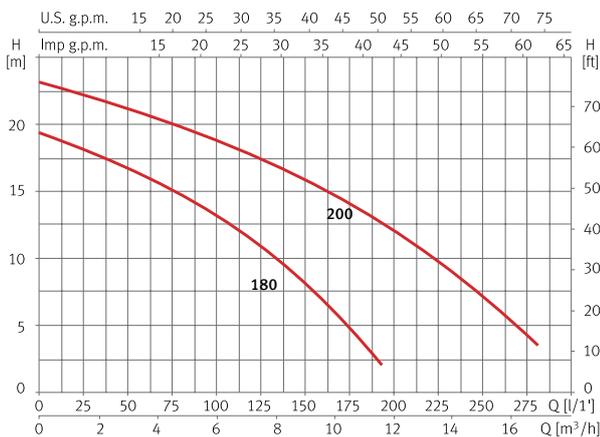


Model M/T

Hydraulic performance table

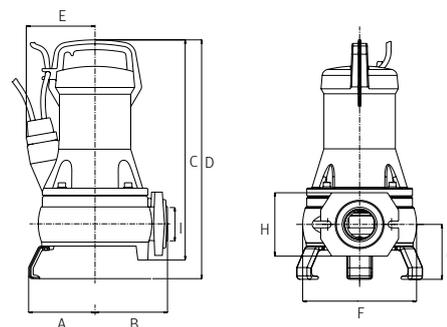
Model	I [A]			P1 [kW]		P2		c [μF]	l/min	50	100	150	200	250	Code			
	1~220V	3~220V	3~440V	1~	3~	[kW]	[HP]								220v	m³/h	3	6
Draincor 180	8	-	-	1,7	-	1,1	1,5	16+40								96612	-	-
Draincor 200	8,9	5,4	3,1	1,9	1,8	1,3	1,7	25+50	mvc	17	13	8	-	-	96619	96614	96616	

Performance curve at 3450 rpm



Dimension and weight

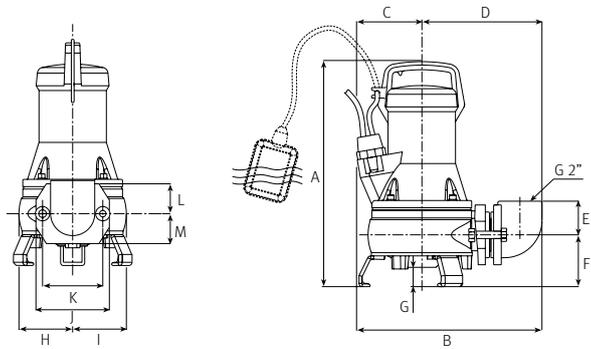
Model	A	B	C	D	E	F	G	H	I	Kg
Draincor 180	115	125	383	415	119	196	92	110	1 1/2"	25
Draincor 200	115	125	383	415	119	196	92	110	1 1/2"	25



Draincor Drainage

Dimension portable version

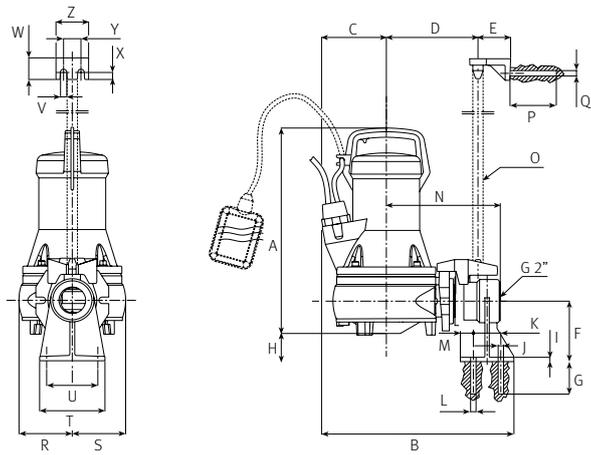
A	B	C	D	E	F	G	H	I	J	K	L	M
437	338	110	219	62	95	49	98	98	134	110	55	55



Dimension stationary version

A	B	C	D	E	F	G	H	I	J	K	L	M
388	353	110	168	60	112	60	52	8	12	51	Ø10	24

N	O	P	Q	R	S	T	U	V	W	X	Y	Z
209	Ø25	85	Ø10	98	98	120	94	12	40	13	32	60



Accessories Drainex and Draincor Drainage



Installation kit for Drainex 200/300/400/500/600 and Draincor 180/200

Stationary version for Drainex 200 and Draincor 180/200



Support base for automatic anchoring



Clamping flange



Upper anchoring on guide tube

Kit	Code
DR1	100527

Stationary version for Drainex 300



Support base for automatic anchoring



Clamping flange



Upper anchoring on guide tube

Kit	Code
DR2	100528

Stationary version for Drainex 400/500

DN65 (flange 65)



Support base with elbow for automatic anchoring

DIN 2501 PN16



Clamping flange

ANSI 150 2"



Upper anchoring on double guide tube

Kit	Code
DR3.2	207381

Portable version for Drainex 400/500



90° elbow at 2"



Stainless steel feet

Kit	Code
DR6 NPT	151472

Stationary version for Drainex 600

DN65 (flange 65)



Support base with elbow for automatic anchoring

DIN 2501 PN16



Clamping flange

ANSI 150 2 1/2"



Upper anchoring on double guide tube

Kit	Code
DR4.2	207379

Portable version for Drainex 600



90° elbow at 2 1/2"



Stainless steel feet

Kit	Code
DR7 NPT	151473



HORIZONTAL SURFACE



Delta Horizontal surface

Centrifugal single stage pump for water supply, self-priming up to 9m

Applications

Pumping of clean water for domestic, industrial, agricultural and gardening purposes.
Self-priming up to 9m.

Materials

Pump body in AISI 304.
Pump shaft in AISI 431.
Impeller and diffuser in technopolymer.
Delta 1755 impeller in AISI 304.
Mechanical seal in aluminium-graphite.
Motor casing in aluminium.
O-rings in NBR/EPDM.

Equipment

No cable.
Handle included.

Motor

Asynchronous 2 poles.
IPX5 protection.
Class F insulation.
Single phase motor with built-in thermal protection.
Continuous operation.

Limitations

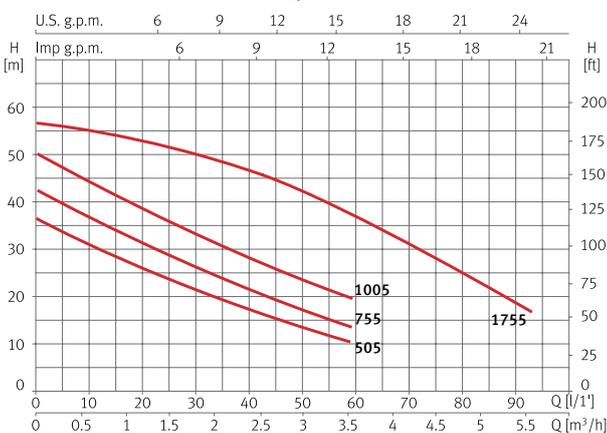
Maximum water temperature: 40° C.



Hydraulic performance table

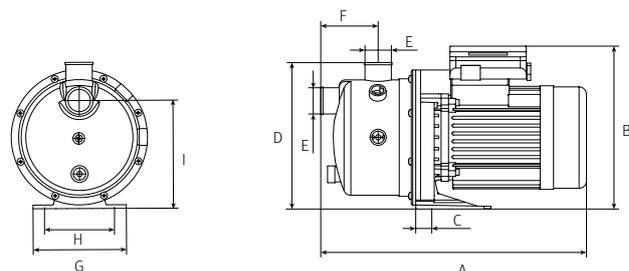
Model	I [A]				P1 [kW]		P2		c [μF] 115V/220V	l/min	10	20	30	40	85	Code		
	1~115V	1~220V	3~220V	3~440V	1~	3~	[kW]	[HP]								m³/h	0,6	1,2
Delta 505	6,5	3,6	-	-	0,75	-	0,37	0,5	30/12	mwc	30	25	21	17	-	146998	146284	-
Delta 755	7,5	4	-	-	0,8	-	0,55	0,75	30/12		36	30	25	21	-	208246	146285	-
Delta 1005	10,5	5,2	3,6	2,1	1,1	1	0,75	1	30/16		44	37	32	27	-	147004	146062	146061
Delta 1755	-	7,4	-	-	1,5	-	0,9	1,2	-/16		55	53	50	46	22	-	146090	-

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	E	F	G	H	I	Kg
Delta 505	336	215	22	200	1"	78	126	94	147	7,5
Delta 755	336	215	22	200	1"	78	126	94	147	7,9
Delta 1005	359	225	22	200	1"	78	126	94	147	10,5
Delta 1755	410	225	22	200	1"	125	126	94	147	11,3



Prisma 15 Horizontal surface



Centrifugal multistage pump for water supply

Applications

Pumping of clean water for domestic, industrial, agricultural and gardening purposes.
Silent.
Self-priming up to 2m.

Motor

Asynchronous 2 poles.
IPX5 protection.
Class F insulation.
Single phase motor with built-in thermal protection.
Continuous operation.

Materials

Pump body and impellers in AISI 304.
Pump shaft in AISI 431.
Diffusers in technopolymer.
Suction and discharge in cast iron with cataphoresis coating.
Mechanical seal in aluminium-graphite.
Motor casing in aluminium.
O-rings in NBR/EPDM.

Limitations

Maximum water temperature: 40° C.

Equipment

No cable.

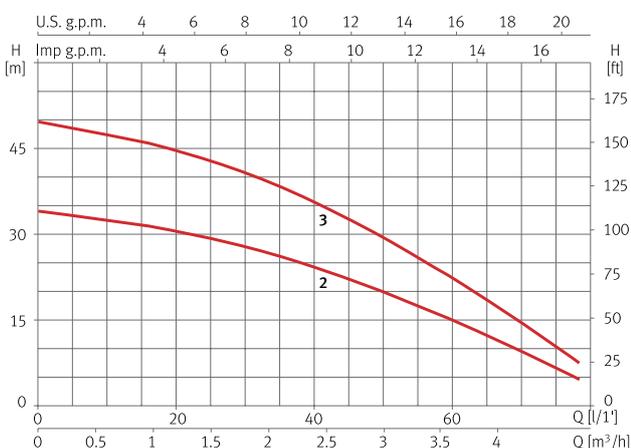


HORIZONTAL SURFACE

Hydraulic performance table

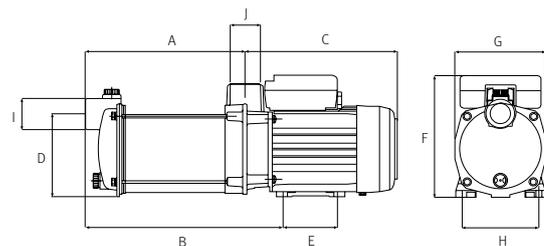
Model	I [A]				P1 [kW]		P2		c [μF] 115V/220V	l/min	20	30	50	60	70	Code		
	1~115V	1~220V	3~220V	3~380V	1~	3~	[kW]	[HP]								m³/h	1-115V	1-220V
Prisma 15 2	5,8	3,2	-	-	0,65	-	0,37	0,5	30/12	mwc	31	27	20	15	9	99036	97133	-
Prisma 15 3	8,5	4,7	2,5	1,5	0,95	0,9	0,55	0,75	30/12		45	41	30	23	14	99041	97140	97137

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	E	F	G	H	I	J	Kg
Prisma 15 2	163	213	202	110	74	162	121	102	1"	1"	9,2
Prisma 15 3	187	237	202	110	74	162	121	102	1"	1"	10



Prisma 25 Horizontal surface

Centrifugal multistage pump for water supply

Applications

Pumping of clean water for domestic, industrial, agricultural and gardening purposes.
Silent.
Self-priming up to 2m.

Materials

Pump body and impellers in AISI 304.
Pump shaft in AISI 431.
Diffusers in technopolymer.
Suction and discharge in cast iron with cataphoresis coating.
Mechanical seal in aluminium-graphite.
Motor casing in aluminium.
O-rings in NBR/EPDM.

Equipment

No cable.

Motor

Asynchronous 2 poles.
IPX5 protection.
Class F insulation.
Single phase motor with built-in thermal protection.
Continuous operation.

Limitations

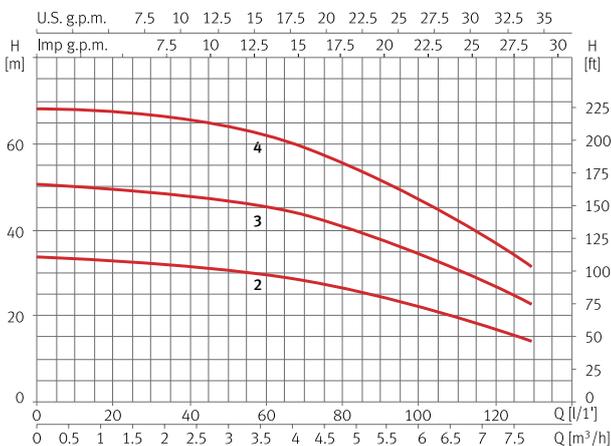
Maximum water temperature: 40° C.



Hydraulic performance table

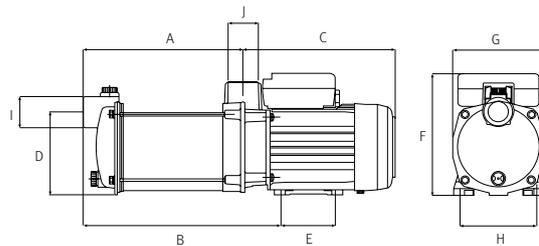
Model	I [A]				P1 [kW]		P2		c [μF] 115V/220V	l/min m³/h	20	60	80	100	120	Code		
	1~115V	1~220V	3~220V	3~440V	1~	3~	[kW]	[HP]			1,2	3,6	4,8	6	7,2	1~115V	1~220V	3~220V/440V
Prisma 25 2	11,5	6	3,6	2	1,2	1,1	0,75	1	30/16	mwc	33	30	26	22	16	99053	97169	97166
Prisma 25 3	16,5	8,3	4,9	2,8	1,8	1,7	1,1	1,5	60/25		49	45	41	34	26	99056	97177	97174
Prisma 25 4	-	12	6,5	3,8	2,4	2,2	1,5	2	-/30		66	62	55	47	36	-	97187	97184

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	E	F	G	H	I	J	Kg
Prisma 25 2	176	226	218	127	82	185	138	118	1"	1"	13,5
Prisma 25 3	202	225	286	142	-	212	154	138	1"	1"	17,2
Prisma 25 4	229	252	286	142	-	212	154	138	1"	1"	20



Prisma 35N Horizontal surface



Centrifugal multistage pump for water supply

Applications

Pumping of clean water for domestic, industrial, agricultural and gardening purposes.
Silent.
Self-priming up to 2m.

Materials

Pump body and impellers in AISI 304.
Pump shaft in AISI 431.
Diffusers in technopolymer.
Suction and discharge in cast iron with cataphoresis coating.
Mechanical seal in aluminium-graphite.
Motor casing in aluminium.
O-rings in NBR/EPDM.

Equipment

No cable.

Motor

Asynchronous 2 poles.
IPX5 protection.
Class F insulation.
Single phase motor with built-in thermal protection.
Continuous operation.

Limitations

Maximum water temperature: 40° C.

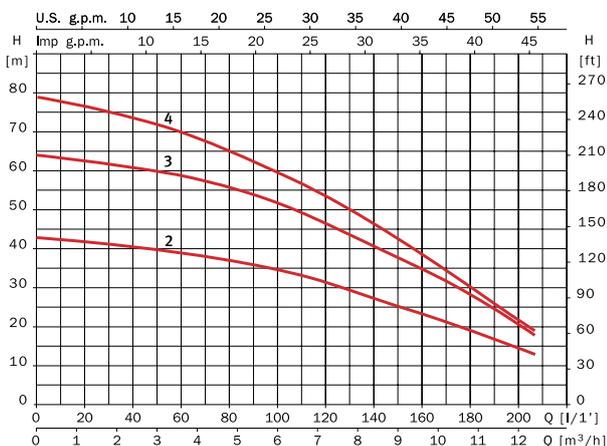


HORIZONTAL SURFACE

Hydraulic performance table

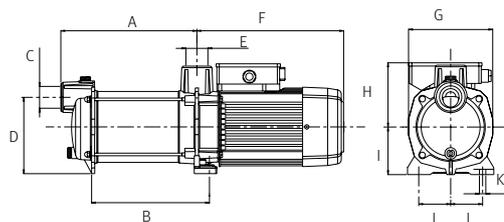
Model	I [A]			P1 [kW]		P2		c [μF] 220V	l/min m ³ /h	20	60	100	140	180	Code	
	1~ 220V	3~ 220V	3~ 440V	1~	3~	[kW]	[HP]								1~220V	3~220V/440V
Prisma 35 2N	8,1	5,2	2,9	1,8	1,7	1,1	1,5	25	mwc	42	39	35	27	19	132279	132278
Prisma 35 3N	11,5	7,3	4,2	2,5	2,4	1,5	2	30		63	59	52	40	28	132281	132280
Prisma 35 4N	-	9	5,2	-	3	2,2	3	-		76	70	60	46	30	-	132283

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	E	F	G	H	I	J	K	Kg
Prisma 35 2N	205	163	1 1/4"	147	1 1/4"	282	158	125	90	60	12	20,1
Prisma 35 3N	233	187	1 1/4"	147	1 1/4"	282	158	125	90	60	12	23,1
Prisma 35 4N	247	212	1 1/4"	147	1 1/4"	282	158	125	90	60	12	23,3



Prisma 45N Horizontal surface

Centrifugal multistage pump for water supply

Applications

Pumping of clean water for domestic, industrial, agricultural and gardening purposes.
Silent.
Self-priming up to 2m.

Materials

Pump body and impellers in AISI 304.
Pump shaft in AISI 431.
Diffusers in technopolymer.
Suction and discharge in cast iron with cataphoresis coating.
Mechanical seal in aluminium-graphite.
Motor casing in aluminium.
O-rings in NBR/EPDM.

Equipment

No cable.

Motor

Asynchronous 2 poles.
IPX5 protection.
Class F insulation.
Single phase motor with built-in thermal protection.
Continuous operation.

Limitations

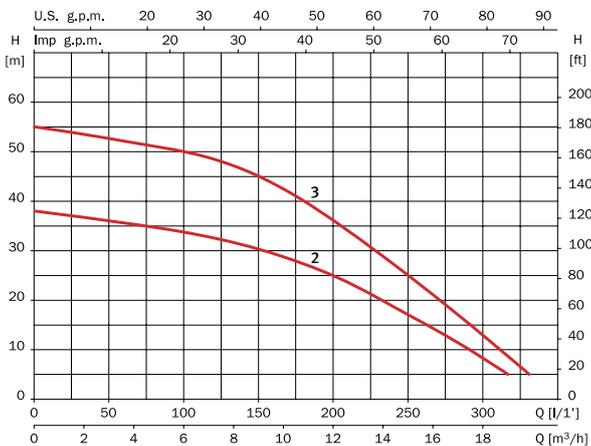
Maximum water temperature: 40° C.



Hydraulic performance table

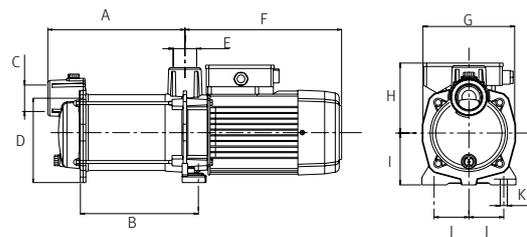
Model	I [A]			P1 [kW]		P2		c [μF] 220v	l/min m³/h	50	100	150	250	300	Code	
	1~ 220V	3~ 220V	3~ 440V	1~	3~	[kW]	[HP]			3	6	9	15	18	1~220V	3~220V/440V
Prisma 45 2N	10,5	6	3,5	2,2	2	1,5	2	30	mwc	36	34	30	17	8	133176	133175
Prisma 45 3N	-	8,6	5	-	2,9	2,2	3	-		53	50	45	25	13	-	133177

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	E	F	G	H	I	J	K	Kg
Prisma 45 2N	217	181	1 1/2"	147	1 1/4"	298	161	125	90	70	18	23,3
Prisma 45 3N	247	212	1 1/2"	147	1 1/4"	298	161	125	90	70	18	24,9



Tecno 05 Horizontal surface



Centrifugal multistage pump for water supply

Applications

Pumping of clean water for domestic, industrial, agricultural and gardening purposes.
Silent.
Self-priming up to 2m.

Motor

Asynchronous 2 poles.
IPX5 protection.
Class F insulation.
Built-in thermal protection.
Continuous operation.

Materials

Pump body and impellers in AISI 304.
Pump shaft in AISI 431.
Diffusers in technopolymer.
Mechanical seal in aluminium-graphite.
Motor casing in aluminium.
O-rings in NBR/EPDM.

Limitations

Maximum water temperature: 40° C.

Equipment

No cable.

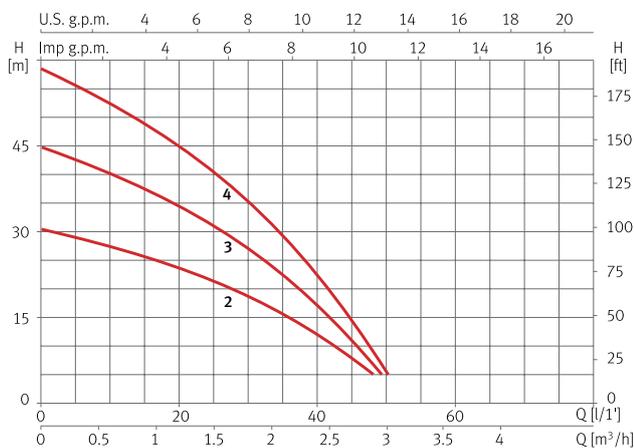


HORIZONTAL SURFACE

Hydraulic performance table

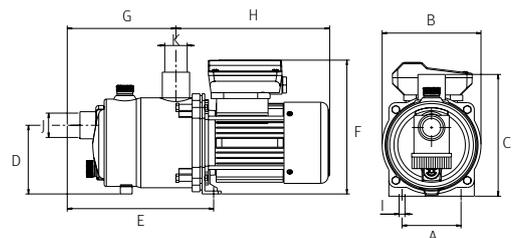
Model	I [A]		P1 [kW]	P2		C [μF] 115V/220V	l/min	5	10	20	30	40	Code	
	1~115V	1~220V		1~	[kW]								[HP]	m³/h
Tecno 05 2	3,9	2,3	0,45	0,24	0,33	30/12	mwc	29	27	24	18	12	97500	97501
Tecno 05 3	5	2,9	0,6	0,37	0,5	30/12		43	40	35	27	17	97503	97504
Tecno 05 4	6,9	3,8	0,8	0,55	0,75	30/12		55	52	45	35	22	97506	97507

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	E	F	G	H	I	J	K	Kg
Tecno 05 2	80	136	158	94	176	174	124	225	9	1"	1"	5,2
Tecno 05 3	80	136	158	94	194	174	142	225	9	1"	1"	6,2
Tecno 05 4	80	136	158	94	212	174	159	225	9	1"	1"	6,3



Tecno 15 Horizontal surface

Centrifugal multistage pump for water supply

Applications

Pumping of clean water for domestic, industrial, agricultural and gardening purposes.
Silent.
Self-priming up to 2m.

Materials

Pump body and impellers in AISI 304.
Pump shaft in AISI 431.
Diffusers in technopolymer.
Mechanical seal in aluminium-graphite.
Motor casing in aluminium.
O-rings in NBR/EPDM.

Equipment

No cable.

Motor

Asynchronous 2 poles.
IPX5 protection.
Class F insulation.
Single phase motor with built-in thermal protection.
Continuous operation.

Limitations

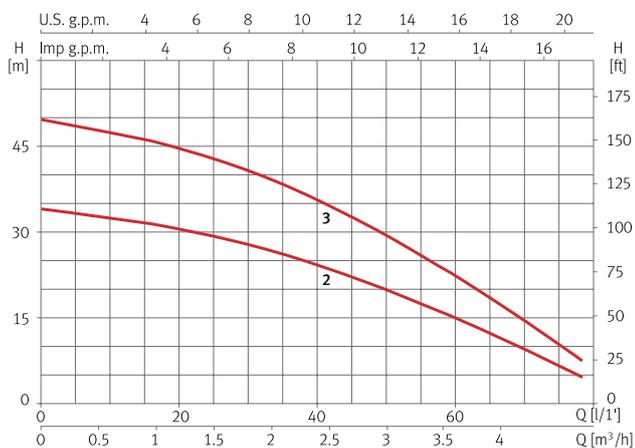
Maximum water temperature: 40° C.



Hydraulic performance table

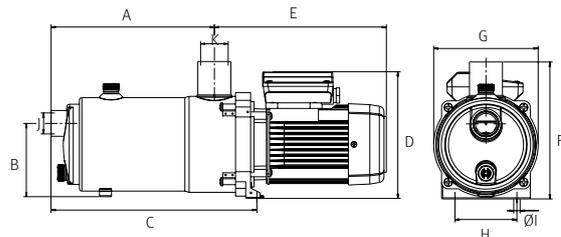
Model	I [A]				P1 [kW]		P2		c [μF]	l/min	20	30	50	60	70	Code		
	1~115V	1~220V	3~220V	3~380V	1~	3~	[kW]	[HP]			115V/220V	m ³ /h	1,2	1,8	3	3,6	4,2	1~115V
Tecno 15 2	5,8	3,2	-	-	0,65	-	0,37	0,5	30/12	mwc	31	27	20	15	9	97511	97512	-
Tecno 15 3	8,5	4,7	2,5	1,5	0,95	0,9	0,55	0,75	30/12		45	41	30	23	14	97516	97517	97514

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	E	F	G	H	I	J	K	Kg
Tecno 15 2	174	108	235	182	233	196	149	88	9	1"	1"	8,1
Tecno 15 3	197	108	258	182	233	196	149	88	9	1"	1"	8,8





VERTICAL SURFACE



Multi 25 Vertical surface

Centrifugal multistage pump for water supply

Applications

Pumping of clean water for domestic, industrial, agricultural and gardening purposes.
Silent.

Materials

Pump body and impellers in AISI 304.
Pump shaft in AISI 420.
Diffusers in technopolymer.
Suction and discharge in cast iron.
Mechanical seal in aluminium-graphite.
Motor casing in aluminium.
O-rings in NBR/EPDM.

Equipment

No cable.
Oval counter flanges DIN 2558 and gaskets included.

Motor

Asynchronous 2 poles.
IPX5 protection.
Class F insulation.
Single phase motor with built-in thermal protection.
Continuous operation.

Limitations

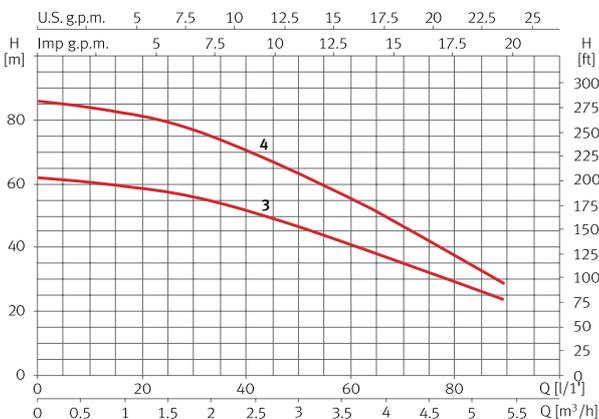
Maximum water temperature: 40° C.



Hydraulic performance table

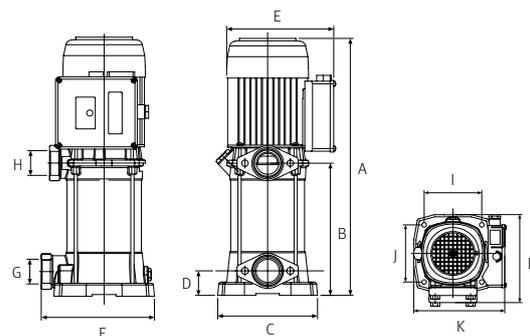
Model	I [A]				P1 [kW]		P2		C [μF] 115V/220V	l/min m³/h	10	20	40	60	80	Code		
	1~115V	1~220V	3~220V	3~440V	1~	3~	[kW]	[HP]			0,6	1,2	2,4	3,6	4,8	1~115V	1~220V	3~220V/440V
Multi 25 3	12,5	7,1	4,1	2,4	1,5	1,4	0,9	1,2	30/16	mwc	60	59	51	40	29	146719	146575	146574
Multi 25 4	-	8,6	5,2	3	1,9	1,8	1,1	1,5	-/25		84	81	70	55	37	-	146576	146579

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	E	F	G	H	I	J	K	L	Kg
Multi 25 3	398	194	170	42	182	191	1 1/4"	1 1/4"	125	197	193	125	16,2
Multi 25 4	422	205	170	42	182	191	1 1/4"	1 1/4"	125	197	193	125	17,3



Multi 35N Vertical surface



Centrifugal multistage pump for water supply

Applications

Pumping of clean water for domestic, industrial, agricultural and gardening purposes.
Silent.

Materials

Pump body and impellers in AISI 304.
Pump shaft in AISI 420.
Diffusers in technopolymer.
Suction and discharge in cast iron.
Mechanical seal in aluminium-graphite.
Motor casing in aluminium.
O-rings in NBR/EPDM.

Equipment

No cable.
Oval counter flanges DIN 2558 and gaskets included.

Motor

Asynchronous 2 poles.
IPX5 protection.
Class F insulation.
Single phase motor with built-in thermal protection.
Continuous operation.

Limitations

Maximum water temperature: 40° C.

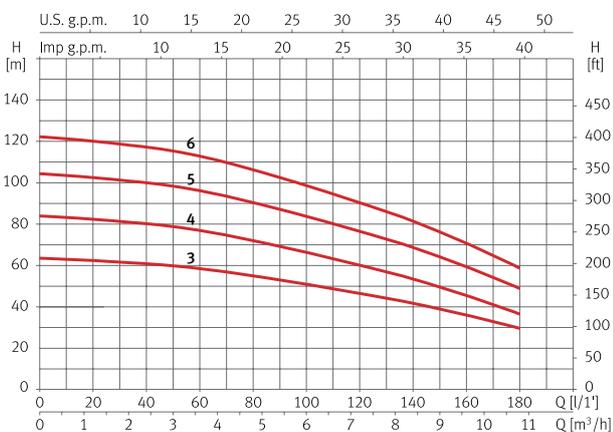


VERTICAL SURFACE

Hydraulic performance table

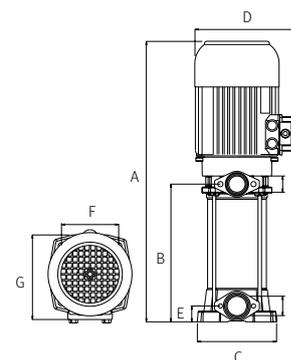
Model	I [A]			P1 [kW]		P2		c [μF] 220V	l/min m³/h	20	60	80	120	160	Code	
	1~ 220V	3~ 220V	3~ 440V	1~	3~	[kW]	[HP]								1~220V	3~220V/440V
Multi 35 3N	11,5	7,3	4,2	2,5	2,4	1,5	2	30	mwc	62	59	56	48	36	132321	132324
Multi 35 4N	-	9	5,5	-	3,2	2,2	3	-		82	78	71	60	46	-	132325
Multi 35 5N	-	13	7,5	-	4,1	3	4	-		102	97	90	78	60	-	132326
Multi 35 6N	-	14,7	8,5	-	4,8	4	5,5	-		120	112	108	90	70	-	132327

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	E	F	G	H	I	Kg
Multi 35 3N	487	202	184	203	37	133	201	1 1/2"	1 1/4"	24,5
Multi 35 4N	561	226	184	203	37	133	201	1 1/2"	1 1/4"	31
Multi 35 5N	585	251	184	203	37	133	201	1 1/2"	1 1/4"	36,4
Multi 35 6N	610	275	184	203	37	133	201	1 1/2"	1 1/4"	36,8



Multi 45N Vertical surface

Centrifugal multistage pump for water supply

Applications

Pumping of clean water for domestic, industrial, agricultural and gardening purposes.
Silent.

Materials

Pump body and impellers in AISI 304.
Pump shaft in AISI 420.
Diffusers in technopolymer.
Suction and discharge in cast iron.
Mechanical seal in aluminium-graphite.
Motor casing in aluminium.
O-rings in NBR/EPDM.

Equipment

No cable.
Oval counter flanges DIN 2558 and gaskets included.

Motor

Asynchronous 2 poles.
IPX5 protection.
Class F insulation.
Single phase motor with built-in thermal protection.
Continuous operation.

Limitations

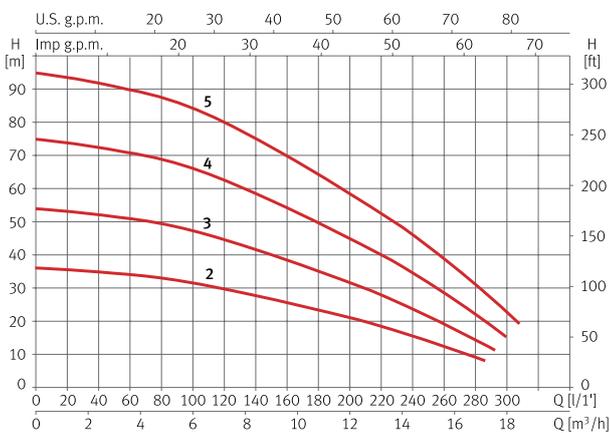
Maximum water temperature: 40° C.



Hydraulic performance table

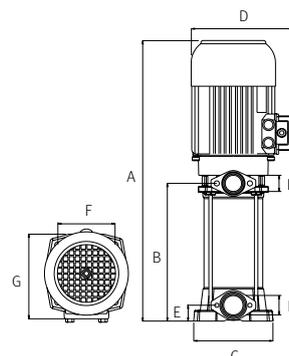
Model	I [A]			P1 [kW]		P2		C [μF] 220V	l/min	60	120	160	200	260	Code	
	1~ 220V	3~ 220V	3~ 440V	1~	3~	[kW]	[HP]								1~220V	3~220V/440V
Multi 45 2N	9,2	5,9	3,4	2	1,9	1,5	2	25	mwc	35	30	26	21	13	134267	134269
Multi 45 3N	-	8,3	4,8	-	2,8	2,2	3	-		51	45	39	31	20	-	134270
Multi 45 4N	-	11,2	6,5	-	3,9	3	4	-		70	63	55	45	29	-	134271
Multi 45 5N	-	15,4	8,9	-	5	4	5,5	-		90	80	70	58	39	-	134272

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	E	F	G	H	I	Kg
Multi 45 2MN	506	190	184	203	37	133	201	1 1/2"	1 1/4"	23,5
Multi 45 2N	476	190	184	203	37	133	201	1 1/2"	1 1/4"	23,4
Multi 45 3N	537	221	184	203	37	133	201	1 1/2"	1 1/4"	25,8
Multi 45 4N	585	250	184	203	37	133	201	1 1/2"	1 1/4"	31,2
Multi 45 5N	616	281	184	203	37	133	201	1 1/2"	1 1/4"	36,7



Multi VE 94 Vertical surface



Centrifugal multistage pump in-line for water supply

Applications

Pumping of clean water for domestic, industrial, agricultural and gardening purposes.

Materials

Pump body and impellers in AISI 304.
Pump shaft in AISI 420.
Diffusers in technopolymer.
Suction, discharge and motor-wet end coupling in cast iron.
Mechanical seal in aluminium-graphite.
Motor casing in aluminium.
O-rings in NBR/EPDM.

Equipment

No cable.
Counter flanges and gaskets included.
Motor-wet end coupling system V18-flange C.

Motor

Asynchronous 2 poles.
IPX4 protection.
Class F insulation.
Continuous operation.

Limitations

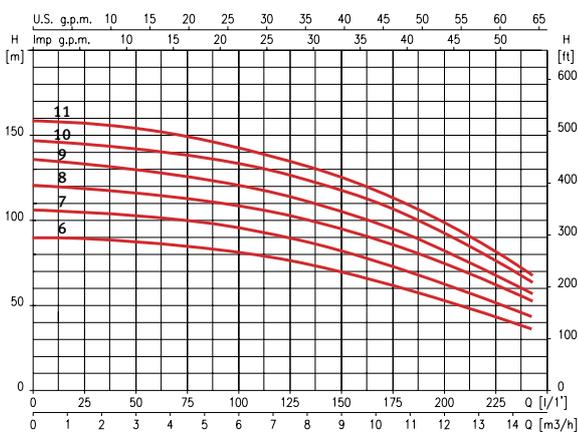
Maximum water temperature: 40° C.



Hydraulic performance table

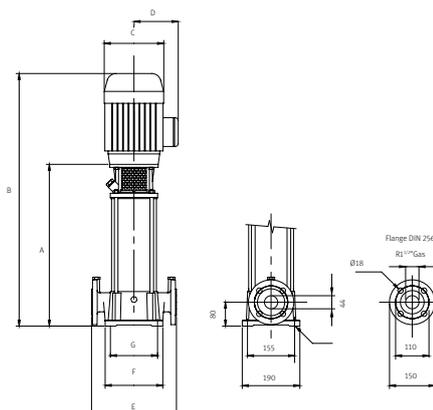
Model	I [A]		P1 [kW]	P2		l/min	50	100	125	150	200	Code
	3~ 220V	3~ 440V	3~	[kW]	[HP]							
Multi VE 94 6	10,4	6	3,9	3	4	mwc	89	80	77	70	51	97744
Multi VE 94 7	10,4	6	3,9	3	4		101	95	90	81	61	97751
Multi VE 94 8	13,6	7,9	5	4	5,5		116	109	102	95	75	97757
Multi VE 94 9	13,6	7,9	5	4	5,5		130	120	114	105	81	97765
Multi VE 94 10	18,7	10,8	6,9	5,5	7,5		141	134	126	119	92	97708
Multi VE 94 11	18,7	10,8	6,9	5,5	7,5		155	142	135	125	99	97715
							m³/h	3	6	7,5	9	12

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	E	F	G	Kg
Multi VE 94 6	517	821	194	138	280	190	155	55
Multi VE 94 7	554	858	194	138	280	190	155	56
Multi VE 94 8	591	895	194	138	280	190	155	60
Multi VE 94 9	629	933	194	138	280	190	155	61
Multi VE 94 10	666	994	218	150	280	190	155	70
Multi VE 94 11	704	1032	218	150	280	190	155	71



Multi VE 121N Vertical surface

Centrifugal multistage pump in-line for water supply

Applications

Pumping of clean water for domestic, industrial, agricultural and gardening purposes.

Materials

Pump body and impellers in AISI 304.
 Pump shaft in AISI 420.
 Diffusers in technopolymer.
 Suction, discharge and motor-wet end coupling in cast iron.
 Mechanical seal in aluminium-graphite.
 Motor casing in aluminium.
 O-rings in NBR/EPDM.

Equipment

No cable.
 Counter flanges and gaskets included.
 Motor-wet end coupling system V1-flange FF.

Motor

Asynchronous 2 poles.
 IPX4 protection.
 Class F insulation.
 Continuous operation.

Limitations

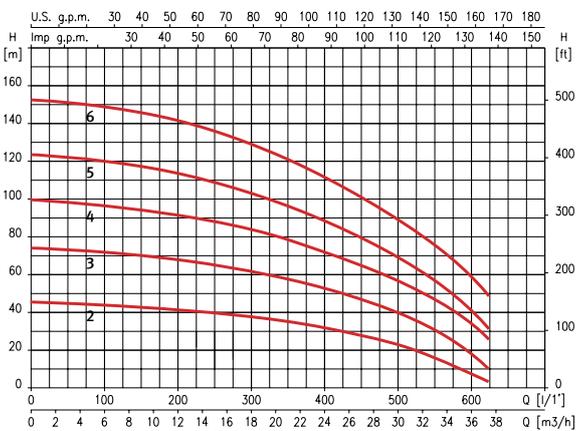
Maximum water temperature: 40° C.



Hydraulic performance table

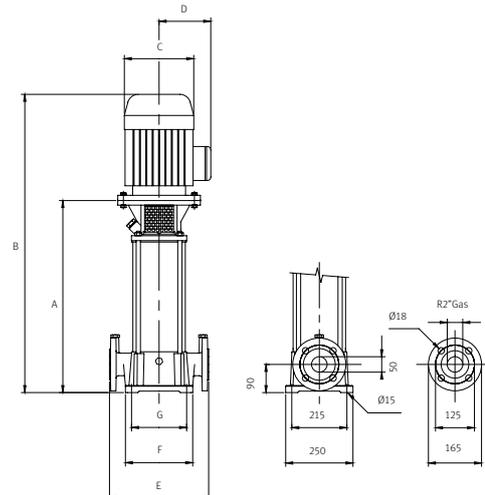
Model	I [A]		P1 [kW]	P2		l/min m³/h	100	200	300	400	500	Code
	3~220V	3~440V	3~	[kW]	[HP]		6	12	18	24	30	
Multi VE 121 2N	13,6	7,9	5	4	5,5	mwc	43	40	39	31	22	203438
Multi VE 121 3N	18,7	10,8	6,9	5,5	7,5		71	69	61	51	40	203439
Multi VE 121 4N	31,5	18,2	10,6	9,2	12,5		98	90	85	71	58	203440
Multi VE 121 5N	31,5	18,2	10,6	9,2	12,5		120	113	104	89	70	203441
Multi VE 121 6N	37,4	21,6	13,9	11	15		149	141	130	111	90	203442

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	E	F	G	Kg
Multi VE 121 2N	470	774	194	138	300	210	130	71
Multi VE 121 3N	522	892	257	177	300	210	130	93
Multi VE 121 4N	574	944	257	177	300	210	130	102
Multi VE 121 5N	626	1034	257	177	300	210	130	114
Multi VE 121 6N	678	1086	257	177	300	210	130	116



**SWIMMING POOL
WHIRLPOOL
SPA**



Silen I Swimming pool, whirlpool and spa

Centrifugal single stage pump for water recirculation and filtration

Applications

Water recirculation and filtration for small swimming pools.
Silent.
Self-priming up to 4m.

Materials

Pump body, impeller, diffuser, suction and discharge in technopolymer.
Pump shaft in AISI 431.
Mechanical seal in aluminium-graphite.
Motor casing in aluminium.
O-rings in NBR/EPDM.

Equipment

No cable.
Unions included 1^{1/2"}.

Motor

Asynchronous 2 poles.
IPX5 protection.
Class F insulation.
Built-in thermal protection.
Continuous operation.

Limitations

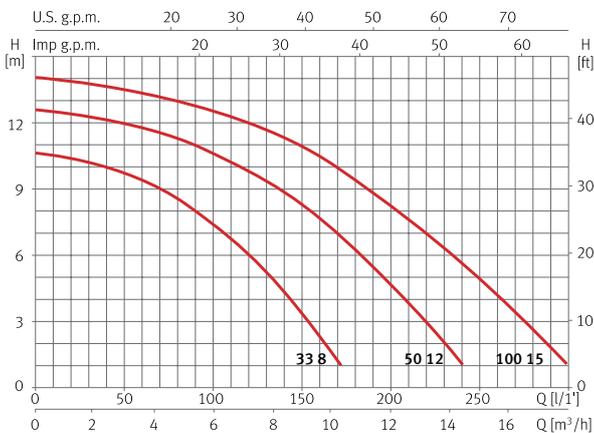
Maximum water temperature: 40° C.



Hydraulic performance table

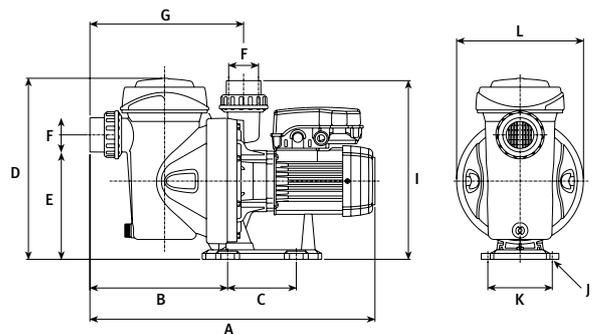
Model	I [A]		P1 [kW]	P2		c [μF] 115V/220V	l/min m³/h	50	100	150	200	250	Code	
	1~115V	1~220V	1~	[kW]	[HP]			3	6	9	12	15	1~115V	1~220V
Silen I 33 8	4,9	2,5	0,5	0,25	0,33	30/12	mwc	9,8	7,2	3,2	-	-	206762	206756
Silen I 50 12	5,7	3,2	0,7	0,37	0,5	30/12		12	10,5	8,2	4,7	-	206764	206758
Silen I 100 15	7	4	0,85	0,75	1	30/12		13,5	12,5	10,9	8,2	4,9	206766	206760

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	E	F	G	I	J	K	L	Kg
Silen I 33	439	192	115	304	210	1 1/2"	221	264	Ø9	108	Ø212	7,8
Silen I 50	439	192	115	304	210	1 1/2"	221	264	Ø9	108	Ø212	8,1
Silen I 100	439	192	115	304	210	1 1/2"	221	264	Ø9	108	Ø212	9



Silen S Swimming pool, whirlpool and spa



Centrifugal single stage pump for water recirculation and filtration

Applications

Water recirculation and filtration for medium swimming pools.
Silent.
Self-priming up to 4m.

Materials

Pump body, impeller, diffuser, suction and discharge in technopolymer.
Pump shaft in AISI 431.
Mechanical seal in aluminium-graphite.
Motor casing in aluminium.
O-rings in NBR/EPDM.

Equipment

No cable.
Unions included 1^{1/2}".

Motor

Asynchronous 2 poles.
IPX5 protection.
Class F insulation.
Single phase motor with built-in thermal protection.
Continuous operation.

Limitations

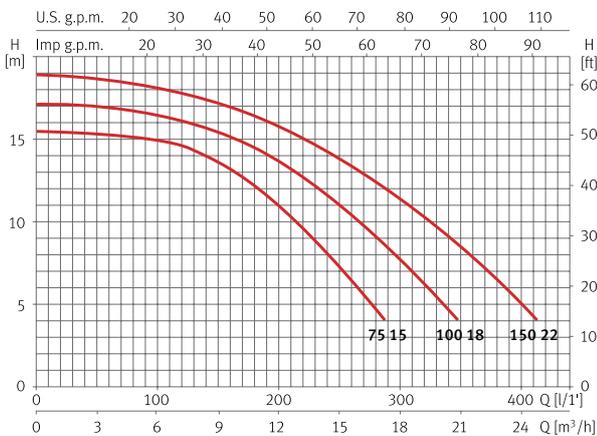
Maximum water temperature: 40° C.



Hydraulic performance table

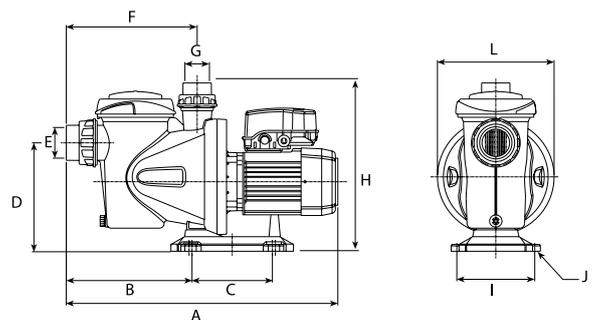
Model	I [A]				P1 [kW]		P2		c [μF]	l/ min	50	100	200	300	350	Code		
	1~115V	1~220V	3~220V	3~440V	1~	3~	[kW]	[HP]								115V/220V	m³/h	3
Silen S 75 15	10,7	5,3	-	-	1,1	-	0,55	0,75	30/16	mwc	15,3	15	11	-	-	206787	206769	-
Silen S 100 18	12,8	5,7	3,6	2,1	1,3	1,1	0,75	1	30/16		17	16,5	13,8	7,9	-	206781	206779	204872
Silen S 150 22	-	7,3	4,5	2,6	1,6	1,4	1,1	1,5	-/25		18,7	18	15,9	11,4	8,5	-	206777	206789

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	E	F	G	H	I	J	L	Kg
Silen S 75	555	257	164	225	1 1/2"	267	1 1/2"	308	159	Ø9	238	11,2
Silen S 100	555	257	164	225	1 1/2"	267	1 1/2"	308	159	Ø9	238	11,8
Silen S 150	555	257	164	225	1 1/2"	267	1 1/2"	308	159	Ø9	238	15,6



Silen S2 Swimming pool, whirlpool and spa

Centrifugal single stage pump for water recirculation and filtration

Applications

Water recirculation and filtration for large swimming pools.
Silent.
Self-priming up to 4m.

Materials

Pump body, impeller, diffuser, suction and discharge in technopolymer.
Pump shaft in AISI 431.
Mechanical seal in aluminium-graphite.
Motor casing in aluminium.
O-rings in NBR/EPDM.

Equipment

No cable.
Unions included 2".

Motor

Asynchronous 2 poles.
IPX5 protection.
Class F insulation.
Single phase motor with built-in thermal protection.
Continuous operation.

Limitations

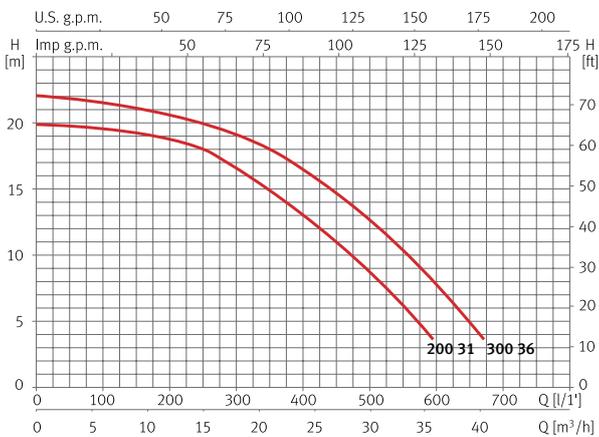
Maximum water temperature: 40° C.



Hydraulic performance table

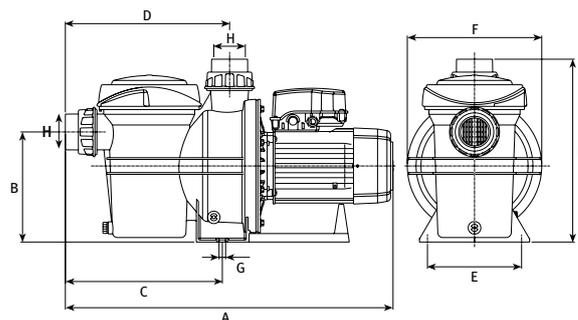
Model	I [A]			P1 [kW]		P2		c [μF]	l/min	100	200	300	400	600	Code	
	1~ 220V	3~ 220V	3~ 440V	1~	3~	[kW]	[HP]								1~220V	3~220V/440V
	220V	m³/h	6	12	18	24	36									
Silen S2 200 31	10,5	5,7	3,3	2,2	2,2	1,5	2	30	mwc	19,5	18,9	16,9	13	-	206771	206776
Silen S2 300 36	12,5	8,3	4,8	2,7	2,7	2,2	3	60		21,5	20,5	19	16,5	8	206773	206775

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	E	F	G	H	I	Kg
Silen S2 200	624	222	272	285	188	268	Ø13	2"	327	19,9
Silen S2 300	624	222	272	285	188	268	Ø13	2"	327	22,2



Centrifugal single stage pump with variable speed for water recirculation and filtration

Applications

Water recirculation and filtration for medium and large swimming pools.
Silent.
Self-priming up to 4m.

Materials

Pump body, impeller, diffuser, suction and discharge in technopolymer.
Pump shaft in AISI 431.
Mechanical seal in aluminium-graphite.
Motor casing in aluminium.
O-rings in NBR/EPDM.

Equipment

Control System included.
1,5m of cable without plug.
Unions included, Silenplus 1 of 1^{1/2}" and Silenplus 2/3 of 2".

Motor

Asynchronous 2 poles.
IPX5 protection.
Class F insulation.
Built-in thermal protection.
Continuous operation.

Limitations

Maximum water temperature: 40° C.

Operation

Automatic speed variation to adapt to the swimming pool working cycles.

Control System

Device that transmits the valve's position to the pump so that it activates the working cycle according to the valve's position.



evopool®



Silenplus 1M



Silenplus 2M and 3M



Download ESPA Evopool App for a better experience and management



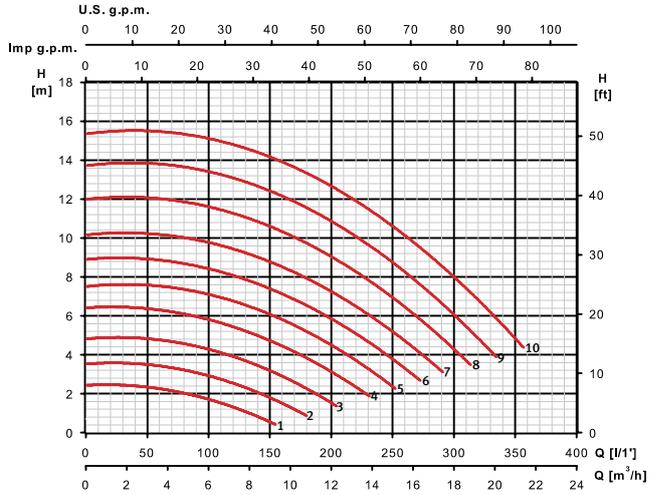
Feature table

Model	Working cycle evopool®	I [A]	P1 [kW]	P2		mwc	3	6	9	12	15	Code
		1~230V	1~	[kW]	[HP]							1~230V
Silenplus 1	Maximum	8	1,1	0,75	1	m³/h maximum speed	22,5	20	16,5	13	7	206809
	Filtration Plus	1	0,1									
Silenplus 2	Maximum	10	2,2	1,5	2	29,5	26	22	16,5	-	-	206810
	Filtration Plus	1,2	0,17									
Silenplus 3	Maximum	14,8	2,6	2,2	3	41	38	34	30	25	-	206811
	Filtration Plus	1,6	0,2									

Silenplus Swimming pool, whirlpool and spa

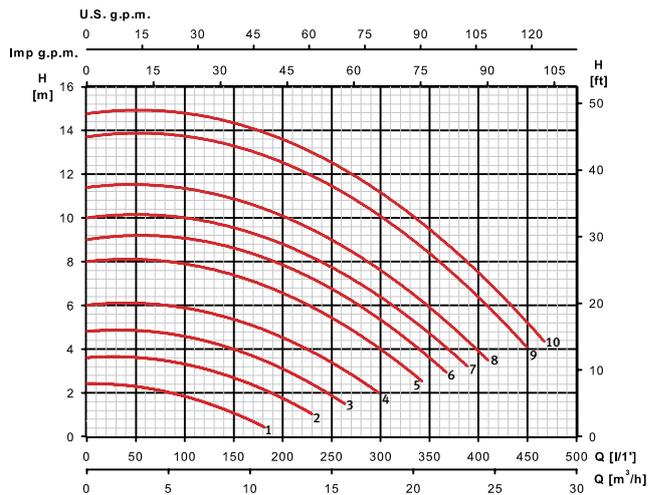
Silenplus 1 hydraulic performance

Speed	I [A] 1~230V	mwc	3	6	9	12	15
1	1	m ³ /h	5	-	-	-	-
2	1,3		5,5	-	-	-	-
3	1,7		9	-	-	-	-
4	2,5		12	2,5	-	-	-
5	3,1		14	9	-	-	-
6	3,7		16	11,5	-	-	-
7	4,5		17,5	14	8,5	-	-
8	5,5		19,5	16	12,5	-	-
9	6,5		21	18	14,5	11	-
10	8		22,5	20	16,5	13	7



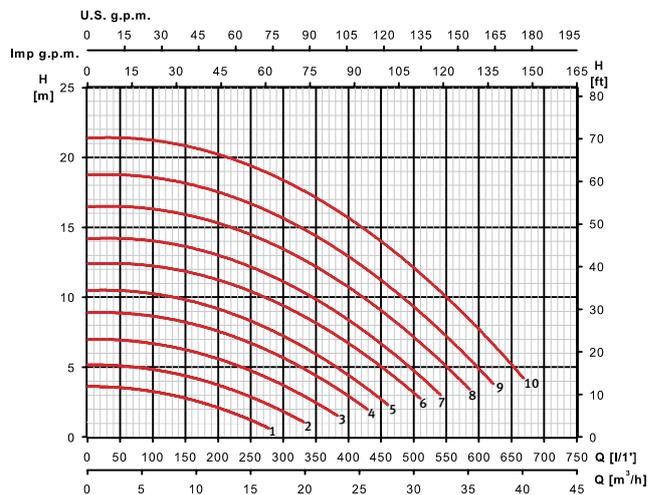
Silenplus 2 hydraulic performance

Speed	I [A] 1~230V	mwc	3	6	9	12
1	1,2	m ³ /h	6	-	-	-
2	1,8		7,5	-	-	-
3	2,4		12	-	-	-
4	3,2		16	-	-	-
5	4,3		20	13,5	-	-
6	5		22	16,5	-	-
7	6,1		23,5	18,5	8,5	-
8	6,8		25	21	15,5	-
9	9		28	24,5	20	14
10	10		29,5	26	22	16,5



Silenplus 3 hydraulic performance

Speed	I [A] 1~230V	mwc	3	6	9	12	15
1	1,6	m ³ /h	7	-	-	-	-
2	2,3		15	-	-	-	-
3	3,4		20	10	-	-	-
4	4,6		24	17	-	-	-
5	5,7		26,5	21	12,5	-	-
6	7,3		30	25,5	19,5	2,5	-
7	8,6		32,5	28	23	15,5	-
8	10,5		35,5	31,5	27	21	10
9	12,3		38	34,5	30,5	26	20
10	14,8		41	38	34	30	25



Multipool N Swimming pool, whirlpool and spa



Centrifugal multistage pump for pool cleaners

Applications

Booster pump for pool cleaners.
Designed to operate with chlorinated and salty water.

Materials

Pump body, diffusers, suction and discharge in technopolymer.
Impellers in AISI 304
Pump shaft in AISI 431.
Mechanical seal in aluminium-graphite.
Motor casing in aluminium.
O-rings in NBR/EPDM.

Equipment

No cable.

Motor

Asynchronous 2 poles.
IPX5 protection.
Class F insulation.
Built-in thermal protection.
Continuous operation.

Limitations

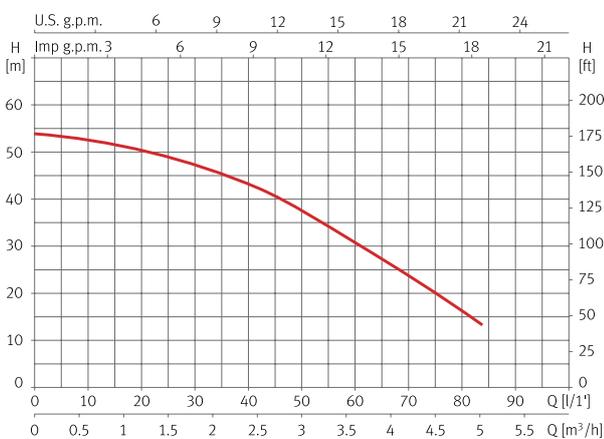
Maximum water temperature: 40° C.



Hydraulic performance table

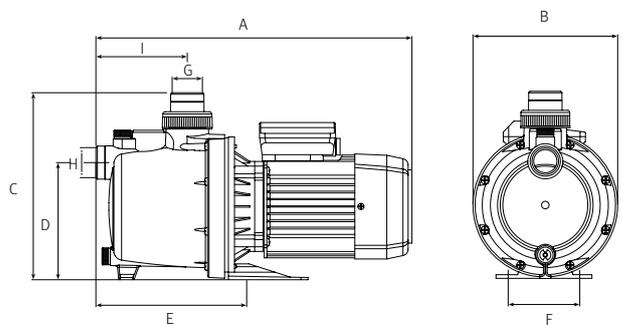
Model	I [A]	P1 [kW]	P2		C [μF] 220v	l/min	10	20	40	50	70	Code
	1~ 220V	1~	[kW]	[HP]		m³/h	0,6	1,2	2,4	3	4,2	
Multipool N	7,4	1,5	0,9	1,2	16	mwc	53	50	44	37	24	206806

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	E	F	G	H	I	Kg
Multipool N	415	190	248	155	198	94	1"	1"	120	11,5



Tiper Swimming pool, whirlpool and spa

Centrifugal single stage pump for water recirculation

Applications

Water recirculation in swimming pools, spas and whirlpools.

Materials

Pump body, impeller, diffuser, suction and discharge in technopolymer.
Pump shaft in AISI 431.
Mechanical seal in aluminium-graphite.
Motor casing in aluminium.
O-rings in NBR/EPDM.

Equipment

No cable.
Unions included, suction 1^{1/2}" and discharge 1".

Motor

Asynchronous 2 poles.
IPX5 protection.
Class F insulation.
Built-in thermal protection.
Continuous operation.

Limitations

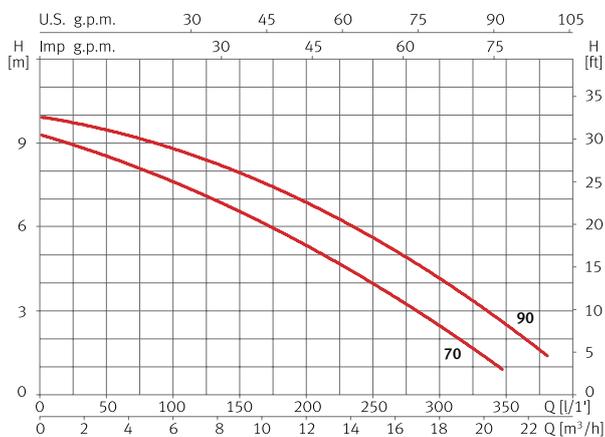
Maximum water temperature: 50° C.



Hydraulic performance table

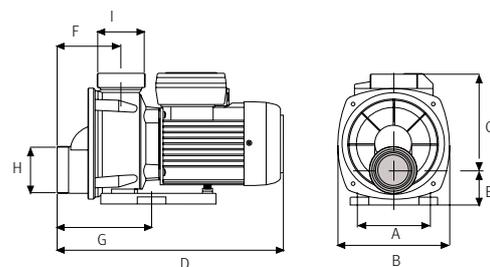
Model	I [A]		P1 [kW]	P2		c [μF] 115V/220V	l/min m³/h	50	100	150	200	300	Code	
	1~115V	1~220V	1~	[kW]	[HP]			3	6	9	12	18	1~115V	1~220V
Tiper 70	5,7	3,2	0,65	0,37	0,5	30/12	mwc	8,5	7,6	6,5	5,4	2,5	210318	210316
Tiper 90	7	3,9	0,8	0,75	1	30/12		9,5	8,9	8	7	4	210319	210317

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	E	F	G	H	I	Kg
Tiper 70	100	155	135	312	47	88	74	1 ^{1/2} "	1"x2"	3,9
Tiper 90	100	155	135	312	47	88	74	1 ^{1/2} "	1"x2"	4,4



Wiper 0 Swimming pool, whirlpool and spa



Centrifugal single stage pump for water recirculation

Applications

Water recirculation in swimming pools, spas and whirlpools.

Materials

Pump body, impeller, diffuser, suction and discharge in technopolymer.
Pump shaft in AISI 431.
Mechanical seal in aluminium-graphite.
Motor casing in aluminium.
O-rings in NBR/EPDM.

Equipment

No cable.
Unions included 1^{1/2"}.

Motor

Asynchronous 2 poles.
IPX5 protection.
Class F insulation.
Built-in thermal protection.
Continuous operation.

Limitations

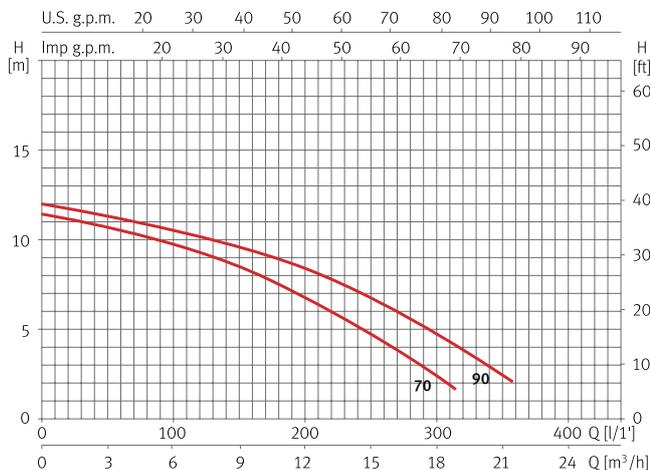
Maximum water temperature: 50° C.



Hydraulic performance table

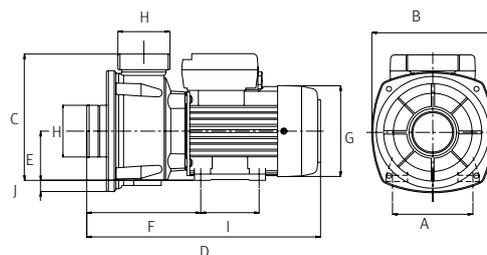
Model	I [A]		P1 [kW]	P2		C [μF] 115V/220V	l/min	50	100	150	200	300	Code	
	1~115V	1~220V	1~	[kW]	[HP]								m³/h	1~115V
Wiper 0 70	6	3,1	0,65	0,37	0,5	30/12	mwc	10,8	9,9	8,5	6,9	2,5	206792	206790
Wiper 0 90	7	4,1	0,8	0,75	1	30/12		11,1	10,5	9,5	8,5	4,9	206785	206800

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	E	F	G	H	I	J	Kg
Wiper 0 70	102	155	162	296	63	145	116	1 ^{1/2"}	74	15	6
Wiper 0 90	102	155	162	296	63	145	116	1 ^{1/2"}	74	15	6,9



SWIMMING POOL - SPA

Wiper 3 Swimming pool, whirlpool and spa

Centrifugal single stage pump for water recirculation

Applications

Water recirculation in swimming pools, spas and whirlpools.

Materials

Pump body, impeller, diffuser, suction and discharge in technopolymer.
 Pump shaft in AISI 431.
 Mechanical seal in aluminium-graphite.
 Motor casing in aluminium.
 O-rings in NBR/EPDM.

Equipment

No cable.
 Unions included 2".

Motor

Asynchronous 2 poles.
 IPX5 protection.
 Class F insulation.
 Single phase motor with built-in thermal protection.
 Continuous operation.

Limitations

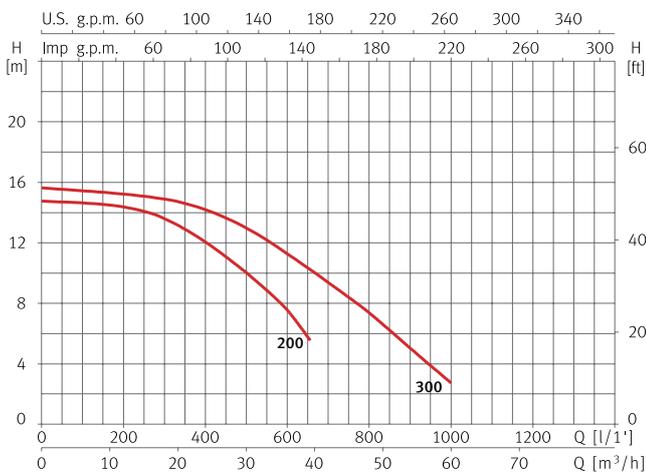
Maximum water temperature: 50° C.



Hydraulic performance table

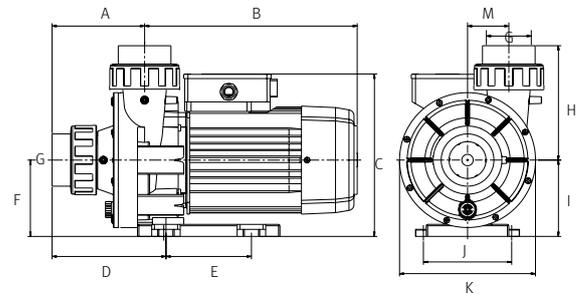
Model	I [A]			P1 [kW]		P2		c [μF]	l/min	100	200	400	500	900	Code	
	1~220V	3~220V	3~440V	1~	3~	[kW]	[HP]			220V	m³/h	6	12	24	30	54
Wiper 3 200	9,6	6	3,5	2	1,9	1,5	2	25	mwc	14,5	14,1	12	10	-	206783	206802
Wiper 3 300	11,3	6,6	3,8	2,5	2,3	2,2	3	60		15,5	15,1	14	13	5	206824	206803

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	E	F	G	H	I	J	K	M	Kg
Wiper 3 200	130	299	230	160	120	108	2"	162	108	124	191	29	17
Wiper 3 300	130	299	230	160	120	108	2"	162	108	124	191	29	19



Centrifugal single stage pump for water stream

Applications

Generation of a strong water stream to transform swimming pools into a place for sport and leisure.
Self-priming up to 4m.

Materials

Pump body, impeller, diffuser, suction and discharge in technopolymer.
Pump shaft in AISI 431.
Mechanical seal in aluminium-graphite.
Motor casing in aluminium.
O-rings in NBR/EPDM.

Equipment

No cable.
Unions not included.

Motor

Asynchronous 2 poles.
IPX5 protection.
Class F insulation.
Single phase motor with built-in thermal protection.
Continuous operation.

Limitations

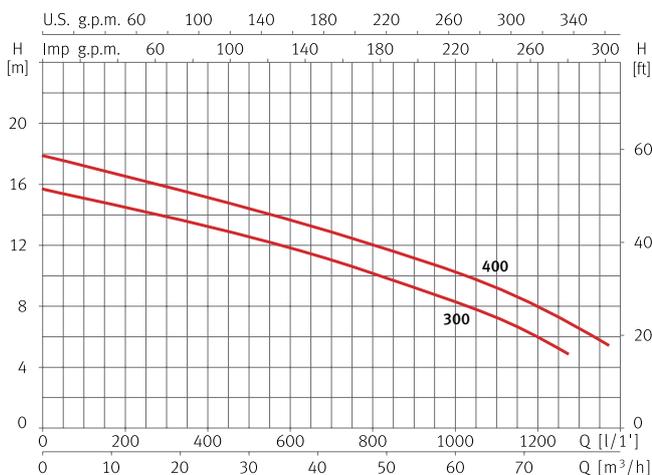
Maximum water temperature: 40° C.



Hydraulic performance table

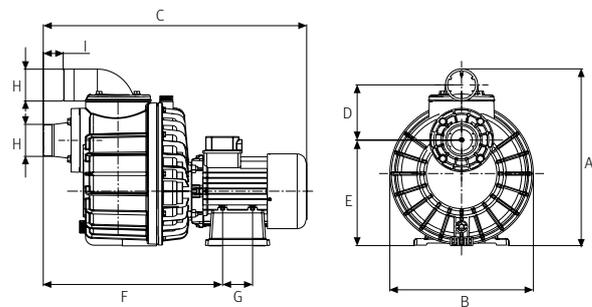
Model	I [A]			P1 [kW]		P2		c [μF] 220v	l/min m³/h	200	400	600	800	1.000	Code	
	1~ 220V	3~ 220V	3~ 440V	1~	3~	[kW]	[HP]			12	24	36	48	60	1~220V	3~220V/440V
Nadorself 300	12,5	-	-	2,7	-	2,2	3	60	mwc	14,4	13,3	12	10	8,2	206812	-
Nadorself 400	-	9,7	5,6	-	3,4	3	4	-		16,4	15,3	13,9	12	10,2	-	206808

Performance curve at 3450 rpm



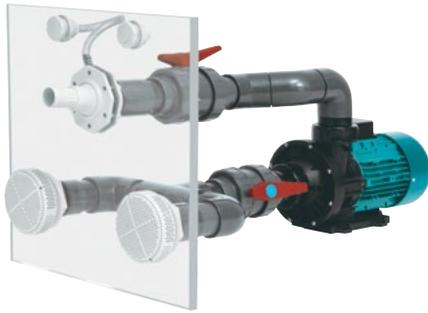
Dimension and weight

Model	A	B	C	D	E	F	G	H	I	Kg
Nadorself 300	416	335	615	130	249	419	70	2 1/2"	47	25
Nadorself 400	416	335	615	130	249	419	70	2 1/2"	47	27



Accessories Wiper and Nadorsel Swimming pool

Wiper 3



Suction kit	Code
Suction kit for liner pools	130634



Suction kit	Code
Suction kit for concrete pools	130633

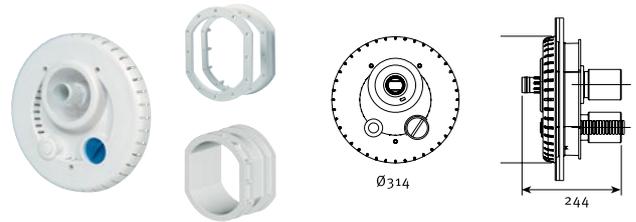
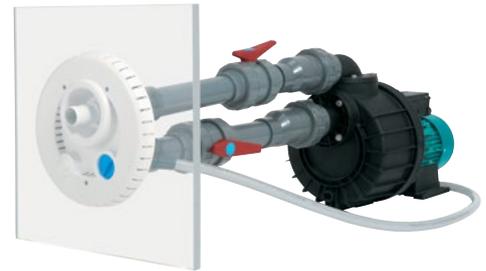


Discharge kit	Code
Discharge kit for liner and concrete pools	130632

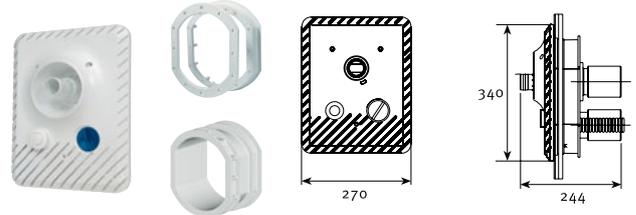


Hose kit	Code
Hose kit 1,5m	104153

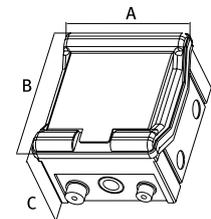
Nadorsel



Circular kit	Code
Suction and discharge circular kit	128188
Bushing wall kit for liner and concrete pools	146558



Rectangular kit	Code
Suction and discharge rectangular kit	128189
Bushing wall kit for liner and concrete pools	146558



Control panel	Code
Control panel single phase 220V - 2,2 kW	134548
Control panel three phase 400V - 2,2 kW	134549
Control panel three phase 400V - 3 kW	137584



Nadorsel suction and discharge union	Code
Nadorsel suction and discharge union of 2 ^{1/2} "	212106

Filterkit Base Swimming pool, whirlpool and spa



Sand filter for water filtration

Filterkit Base

Filter with valve made of polyethylene resistant to chemical and weather agents.

Moulded in single piece with base built into the filter.

With top mount 6-way valve.

Features

Working pressure: 2 bar.

Maximum pressure: 3 bar.

Connection of 1½”.

Fitted with pressure gauge and air valve.

Double drainage in the lower section of the filter: ½” to totally empty the filter and ¼” to empty water without loss of sand.



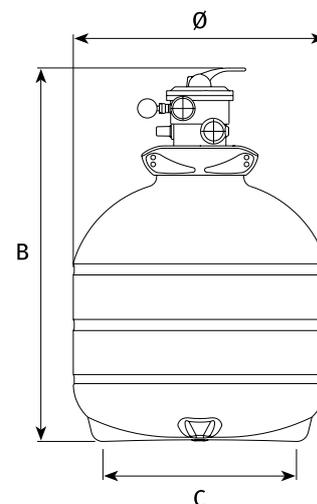
Feature table

Model	Filter			Code
	Ø filter [mm]	Flow [m³/h]	Sand load [Kg]	
FKB 350 6TP	350	6	35	160863
FKB 450 6TP	450	8	75	134538
FKB 550 6TP	550	12	100	134539

Model	Code
Top mount 6-way valve 1½”	149974

Dimension and weight

Model	B	C	Ø	Kg
FKB 350 6TP	735	258	350	8
FKB 450 6TP	832	330	450	10
FKB 550 6TP	832	440	550	14



Filterkit Plus Swimming pool, whirlpool and spa

Sand filter for water filtration

Filterkit Plus

Filter with valve made of polypropylene resistant to chemical and weather agents.
Injection moulded with the two halves thermally welded.
With side mount 6-way valve.

Features

Working pressure: 3,5 bar.
Maximum pressure: 7 bar.
Connection of 1½" for Ø520 and Ø620 and 2" for Ø760.
Fitted with pressure gauge and air valve.
Double drainage in the lower section of the filter: 1½" to totally empty the filter and ½" to empty water without loss of sand.



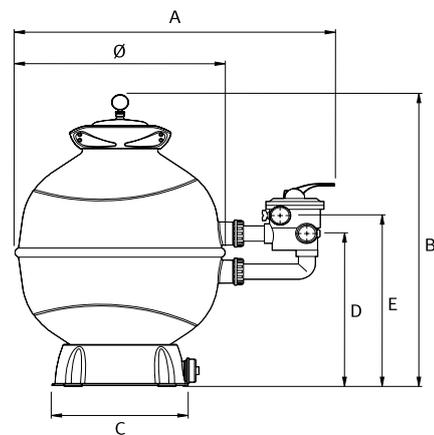
Feature table

Model	Filter			Code
	Ø filter [mm]	Flow [m³/h]	Sand load [Kg]	
FKP 520 6LT	520	10	85	130906
FKP 620 6LT	620	14	145	130907
FKP 760 6LT	760	21	300	130908

Model	Code
Side mount 6-way valve 1½" (FKP 520 and 620)	149976
Side mount 6-way valve 2" (FKP 760)	149977

Dimension and weight

Model	A	B	C	D	E	Ø	Kg
FKP 520 6LT	844	886	422	460	519	520	20
FKP 620 6LT	943	957	422	501	560	620	30,5
FKP 760 6LT	1.102	1.114	422	630	715	767	32



Robotic swimming pool cleaner

Applications

Automatic cleaning of floors, walls and waterline of all types of pools.

Materials

Brushes in polyvinyl PVA.

Equipment

Gyroscope.
Transport caddy included.
Control panel IP54 protection.
Cable length 18m.
Plug type F.

Features

Transmission with gears.
Adjustable nozzles.
Two-directional suction.
Easy cleaning and quick access.
Smart navigation.
Micro-filtration up to 2 microns.



Feature table

Barbus W

Swimming pool		
Pool surface area		up to 80 m ²
Floor		Yes
Wall + flotation line		Yes
Cleaning cycle		
Cleaning cycle programming		2 hours
Control		
Navigation system		Smart
Gyroscope		Yes
Remote control		No
Product features		
Type of transmission		Gears
Adjustable nozzles		Yes
Cable length		18 m
Swivel cable system		Electronic
Transport caddy		Yes
Brushes		
Brush material		Polyvinyl PVA
Brush vibration system		Yes
Filters		
Filter access		Top
Type of filter		Up to 2 microns
Electric specifications		
INPUT	Voltage [VAC]	100-260 - 50/60 Hz
	P [W]	180
OUTPUT	Voltage [VAC]	29
	P [W]	6
Dimension and weight		
Dimensions (mm)		445 (L) x 315 (H) x 391 (W)
Weight (Kg)		9
Code		209098



BOOSTER



Pressdrive **Booster**

Automatic start and stop device

Applications

Assembled on a pump, automatic start and stop based on water demand.
Adjustable starting pressure range from 1,5 to 2,5 bar.

Materials

Plastic components in technopolymer.
Internal membrane in EPDM.

Equipment

Built-in check valve.
Unions included.
Cables without plug.
Dry-protection function.
Automatic reset function.

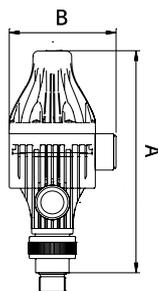


Feature table

Model	I [A] max.	Hz	Protection	Maximum pressure	Starting pressure	Diferencial pressure	Stopping pressure	Max. temp. [°C]	Ø Connection	Code
										1~220V
Pressdrive	12	50/60	IPX5	10 bar	1,5 - 2,5 bar	≥ 0,7 bar	Max. given by the pump	40	1"	205333

Dimension and weight

Model	A	B	Kg
Pressdrive	281	134	1,5



Pressdrive 05 **Booster**



Automatic start and stop device

Applications

Assembled on a pump, automatic start and stop based on water demand.
Adjustable starting pressure range from 1,5 to 2,5 bar.

Materials

Plastic components in technopolymer.
Internal membrane in EPDM.

Equipment

Built-in check valve.
Unions included.
Cables without plug.
Dry-protection function.
Automatic reset function.

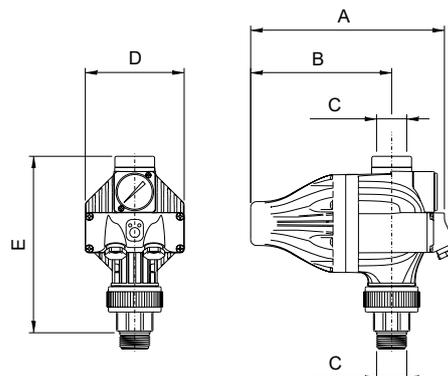


Feature table

Model	I [A] max.	Hz	Protection	Maximum pressure	Starting pressure	Diferencial pressure	Stopping pressure	Max. temp. [°C]	Ø Connection	Code	
										1~115V	1~220V
Pressdrive 05	12	50/60	IPX5	10 bar	1,5 - 2,5 bar	≥ 1 bar	Max. given by the pump	40	1"	205804	205331

Dimension and weight

Model	A	B	C	D	E	Kg
Pressdrive 05	213	155	1"	108	195	1,5



PDS 05 **Booster**

Automatic set for water supply

Applications

Automatic pumping of clean water for domestic, industrial, agricultural and gardening purposes.
 Silent.
 Self-priming up to 2m.
 Adjustable starting pressure range from 1,5 to 2,5 bar.

Materials

Prisma:

Pump body and impellers in AISI 304.
 Pump shaft in AISI 431.
 Diffusers in technopolymer.
 Suction and discharge in cast iron with cathaphoresis coating.
 Mechanical seal in aluminium-graphite.
 Motor casing in aluminium.
 O-rings in NBR/EPDM.

Pressdrive 05:

Plastic components in technopolymer.
 Internal membrane in EPDM.

Motor

Asynchronous 2 poles.
 IPX5 protection.
 Class F insulation.
 Built-in thermal protection.
 Continuous operation.

Limitations

Maximum water temperature: 40° C.

Equipment

Built-in check valve.
 Unions included.
 Cables without plug.
 Dry-protection function.
 Automatic reset function.

Operation

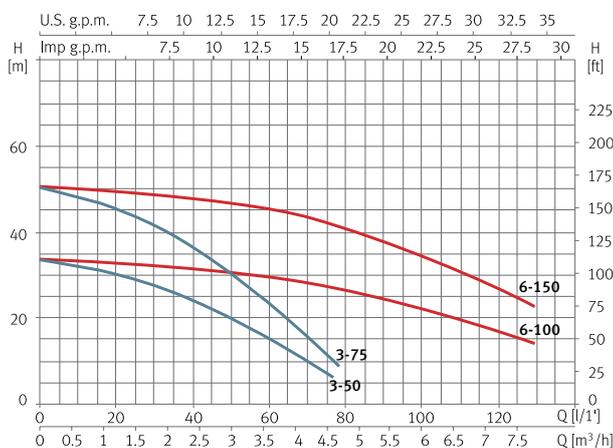
Automatic start and stop based on water demand.



Hydraulic performance table

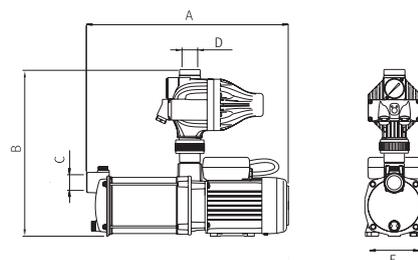
Model	I [A]		P1 [kW]	P2		c [μF]	l/min	20	40	60	100	120	Code	
	1~115V	1~220V		[kW]	[HP]								115V/220V	m³/h
PDS 05 3-50	5,8	3,2	0,65	0,37	0,5	30/12	mwc	31	24	15	-	-	210254	210252
PDS 05 3-75	8,5	4,7	0,95	0,55	0,75	30/12		45	36	23	-	-	210273	210256
PDS 05 6-100	-	6	1,2	0,75	1	-/16		33	31	30	22	16	-	210258
PDS 05 6-150	-	8,3	1,8	1,1	1,5	-/25		49	47	45	34	26	-	210276

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	E	Kg
PDS 05 3-50	365	346	1"	1"	121	10,7
PDS 05 3-75	389	346	1"	1"	121	11,5
PDS 05 6-100	394	368	1"	1"	138	15
PDS 05 6-150	488	391	1"	1"	154	18,7



Automatic submersible monoblock centrifugal multistage pump for water supply

Applications

Automatic pumping of clean water for domestic, industrial, agricultural and gardening purposes.
Suitable for open wells, ponds and tanks.
Starting pressure: 2 bar.

Materials

Pump body, suction, discharge, filter and impellers in AISI 304.
Pump shaft in AISI 431.
Diffusers in technopolymer.
Double Mechanical seal in aluminium-graphite.
O-rings in NBR/EPDM.

Equipment

Built-in check valve.
15m of cable without plug.
External capacitor.
Kit Press included.
Dry-protection function.
Automatic reset function.

Motor

Asynchronous 2 poles.
IP68 protection.
Class F insulation.
Built-in thermal protection.
Continuous operation.
Water cooled motor.

Limitations

Maximum water temperature: 40°C.
Maximum submersion: 12m.

Operation

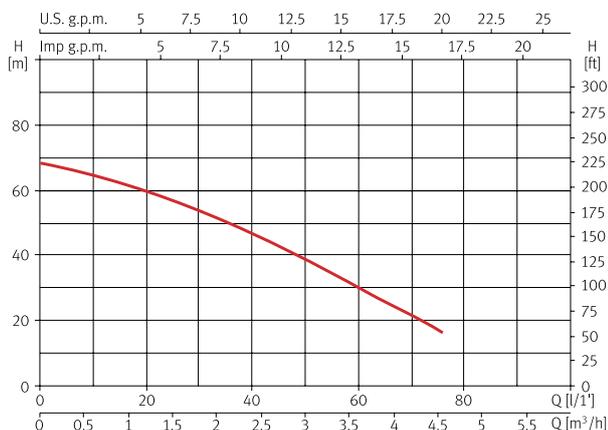
Automatic start and stop based on water demand.



Hydraulic performance table

Model	I [A]	P1 [kW]	P2		c [μF]	l/min	10	20	40	60	70	Code
	1~220V	1~	[kW]	[HP]		m³/h	0,6	1,2	2,4	3,6	4,2	
Acuapres 07S 4	6,6	1,4	0,9	1,2	16	mwc	65	60	48	30	21	210155

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	Kg
Acuapres 07S 4	522	125	1"	12,4



Tecnoplus 15 **Booster**

Automatic centrifugal multistage pump with variable speed for water supply

Applications

Automatic pumping of clean water for domestic, industrial, agricultural and gardening purposes.
Silent.
Self-priming up to 2m.
Adjustable working pressure range from 1,5 to 3,5 bar.

Materials

Pump body in AISI 304.
Pump shaft in AISI 431.
Diffusers and impellers in technopolymer.
Mechanical seal in aluminium-graphite.
Motor casing in aluminium.
O-rings in NBR/EPDM.

Equipment

Built-in check valve.
Built-in pressure sensor.
2m of cable without plug.
Kit Press and pressure gauge included.
Dry-protection function.
Automatic reset function.

Motor

Asynchronous 2 poles.
IPX5 protection.
Class F insulation.
Built-in thermal protection.
Continuous operation.

Limitations

Maximum water temperature: 40° C.

Operation

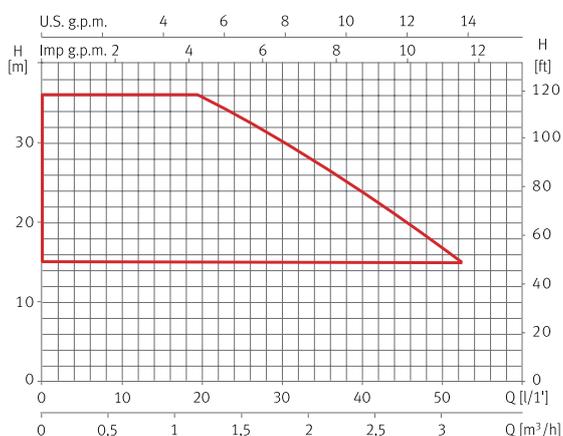
Self-adjustable speed to maintain the constant pressure and flow that apartment, building or installation demand at every moment.



Hydraulic performance table

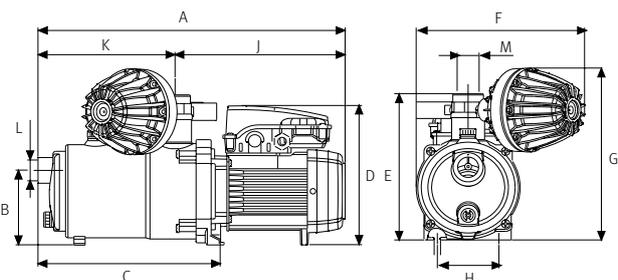
Model	I [A]	P1 [kW]	P2		c [μF]	l/min	5	10	30	45	50	Code
	1~220V	1~	[kW]	[HP]		220V	m³/h	0,3	0,6	1,8	2,7	
Tecnoplus 15 4	3,3	0,7	0,55	0,75	12	mwc	36	36	30	21	16,5	144575

Performance curve



Dimension and weight

Model	A	B	C	D	E	F	G	H	J	K	L	M	Kg
Tecnoplus 15 4	439	108	261	200	216	241	254	88	243	196	1"	1"	10,5



Tecnoplus 25 **Booster**



Automatic centrifugal multistage pump with variable speed for water supply

Applications

Automatic pumping of clean water for domestic, industrial, agricultural and gardening purposes.
 Silent.
 Self-priming up to 2m.
 Adjustable working pressure range from 1,5 to 4 bar.

Materials

Pump body and impellers in AISI 304.
 Pump shaft in AISI 431.
 Diffusers in technopolymer.
 Mechanical seal in aluminium-graphite.
 Motor casing in aluminium.
 O-rings in NBR/EPDM.

Equipment

Built-in check valve.
 Built-in pressure sensor.
 2m of cable without plug.
 Kit Press and pressure gauge included.
 Dry-protection function.
 Automatic reset function.

Motor

Asynchronous 2 poles.
 IPX5 protection.
 Class F insulation.
 Built-in thermal protection.
 Continuous operation.

Limitations

Maximum water temperature: 40° C.

Operation

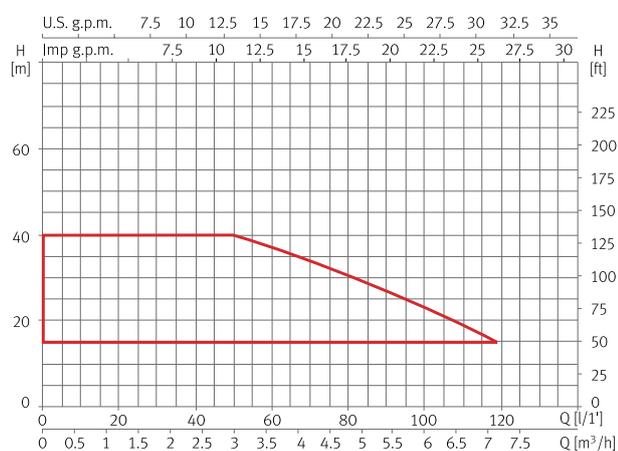
Self-adjustable speed to maintain the constant pressure and flow that apartment, building or installation demand at every moment.



Hydraulic performance table

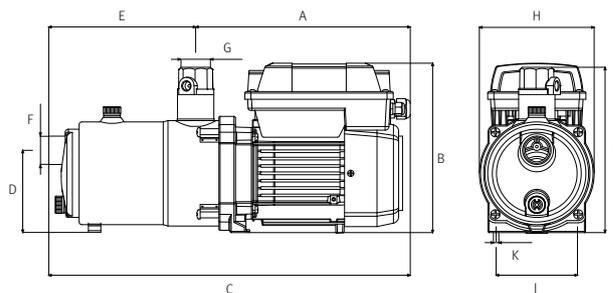
Model	I [A]	P1 [kW]	P2		l/min	45	60	75	90	110	Code
	1~220V	1~	[kW]	[HP]	m³/h	2,7	3,6	4,5	5,4	6,6	1~220V
Tecnoplus 25 4	8,8	1,4	0,9	1,2	mwc	40	37	33	25	19	207153

Performance curve



Dimension and weight

Model	A	B	C	D	E	F	G	H	I	J	K	Kg
Tecnoplus 25 4	278	221	468	107	190	1"	1"	149	216	88	Ø9	14,2



BOOSTER

Speedrive V2 **Booster**

Variable frequency drive

Applications

Assembled on a pump or booster set, adjust the speed automatically to maintain the constant pressure and flow that apartment, building or installation demand at every moment.

Materials

Body in aluminium.
Front cover in technopolymer.

Equipment and features

IPX5 protection.
Maximum ambient temperature 40°C.
Air cooled motor.
Maximum 4 pumps.
USB port for updating the device's firmware.
Adjustable working frequency.
Inputs:
- 1 analogue 4-20mA with 24V DC power supply.
- 1 digital for the level switch.
Outputs:
- 1 alarm signal.
- Potential-free output (FVC), maximum 1A, NA/NC contacts.
Communication serial port RS 485.
M22 with 2m of cable with plug type F.
T22 and T55 no cable.



Protections

Dry running with automatic reset.
Detection of pressure transducer failures.
Overcurrent and short-circuit with automatic reset.
Power supply voltage with automatic reset.
Overtemperature with automatic reset.
Earthing and engine phase error.
Communication error.



Pressure transducer*

Device for digital pressure reading

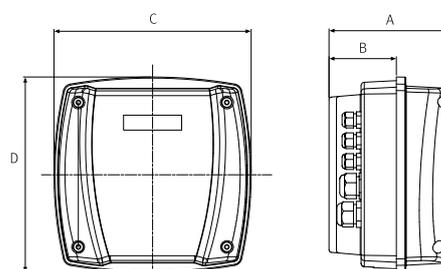
Feature table

Model	Input				Output				Code
	Power source voltage [V]	Power frequency [Hz]	Maximum motor current [A]	Recommended line protection [A]	Maximum motor power [kW]	Maximum motor current [A]	Motor voltage [V]	Motor frequency [Hz]	
Speedrive V2 M22	1~ 220V	50/60	16	25	2,2	10	3~ 220V	50/60	203323
Speedrive V2 T22	3~ 440V	50/60	7	10	2,2	6	3~ 440V	50/60	205490
Speedrive V2 T55	3~ 440V	50/60	15	20	5,5	14	3~ 440V	50/60	203321

Model	Code
Pressure transducer 4- 20 mA 1/4 G 10 bar	176579

Dimension and weight

Model	A	B	C	D	Kg
Speedrive V2 M22	178	71	207	207	3,4
Speedrive V2 T22	142	85	207	207	2,7
Speedrive V2 T55	142	85	207	207	2,7



*Pressure transducer is essential for proper operation.

Automatic set with variable speed for water supply

Applications

Automatic pumping of clean water for domestic, industrial, agricultural and gardening purposes. Adjustable working pressure.

Operation

Self-adjustable speed to maintain the constant pressure and flow that apartment, building or installation demand at every moment.



Prisma ESD

Model	P2		Maximum head [m]	Maximum flow [m³/h]	Pump code 3~220V/440V	Speedrive V2 code	
	[kW]	[HP]				1~220V	3~440V
Prisma 25 2 ESD	0,75	1	34	7	97166	203323	205490
Prisma 25 3 ESD	1,1	1,5	50	7	97174	203323	205490
Prisma 25 4 ESD	1,5	2	67	7	97184	203323	205490
Prisma 35 2N ESD	1,1	1,5	43	11,5	132278	203323	205490
Prisma 35 3N ESD	1,5	2	64	11,5	132280	203323	205490
Prisma 35 4N ESD	2,2	3	78	11,5	132283	203323	205490
Prisma 45 2N ESD	1,5	2	38	18	133175	203323	205490
Prisma 45 3N ESD	2,2	3	55	18	133177	203323	205490



Multi ESD

Model	P2		Maximum head [m]	Maximum flow [m³/h]	Pump code 3~220V/440V	Speedrive V2 code	
	[kW]	[HP]				1~220V	3~440V
Multi 25 3 ESD	0,9	1,2	62	5	146574	203323	205490
Multi 25 4 ESD	1,1	1,5	85	5	146579	203323	205490
Multi 35 3N ESD	1,5	2	65	10	132324	203323	205490
Multi 35 4N ESD	2,2	3	85	10	132325	203323	205490
Multi 35 5N ESD	3	4	105	10	132326	-	203321
Multi 35 6N ESD	4	5,5	123	10	132327	-	203321
Multi 45 2N ESD	1,5	2	36	17	134269	203323	205490
Multi 45 3N ESD	2,2	3	54	17	134270	203323	205490
Multi 45 4N ESD	3	4	75	17	134271	-	203321
Multi 45 5N ESD	4	5,5	95	17	134272	-	203321



Multi VE ESD

Model	P2		Maximum head [m]	Maximum flow [m³/h]	Pump code 3~220V/440V	Speedrive V2 code	
	[kW]	[HP]				1~220V	3~440V
Multi VE 94 6 ESD	3	4	90	15	97744	-	203321
Multi VE 94 7 ESD	3	4	105	15	97751	-	203321
Multi VE 94 8 ESD	4	5,5	120	15	97757	-	203321
Multi VE 94 9 ESD	4	5,5	135	15	97765	-	203321
Multi VE 94 10 ESD	5,5	7,5	146	15	97708	-	203321
Multi VE 94 11 ESD	5,5	7,5	159	15	97715	-	203321
Multi VE 121 2N ESD	4	5,5	45	36	203438	-	203321
Multi VE 121 3N ESD	5,5	7,5	75	36	203439	-	203321



Multi VE 94

Multi VE 121N

Pressure transducer and water tank not included. Essentials for proper operation.



ACCESSORIES



Accessories Accessories



Float switch for waste water

Model	Length [m]	Code
F10	6	103219



Float switch for open wells and tanks

Model	Length [m]	Code
IN15	3	3533



Pressure switch

Model	Connection	Adjustment	Code
PM/5G	thread 1/4"	up to 5 bar	188720



Resin joint for cables of submersible pumps

Model	Cables [mm ²]	Code
EC 04	up to 4 x 4	103077
EC 10	up to 4 x 10	103079
EC 25	up to 4 x 25	103080



Kit to prevent the water hammer

Model	Connection	Code
Kit Press	thread 1/4"	169961



Device for digital pressure reading

Model	Code
Pressure transducer 4- 20 mA 1/4 G 10 bar	176579



Capacitor box for submersible pumps

Model	Code
Capacitor box	210209

INFORMATION



Regulations **Information**

Quality at ESPA is much more than an objective or a market requirement; it is something that is part of our way of being and corporate culture.

As a result we can offer a level of reliability that covers all the parts of the product cycle: design, development, production, commercialization, after sales service of pumps for domestic, agricultural and industrial applications with the certified guarantee **UNE-EN-ISO 9001:2008**.

Millions of ESPA pumps are working all over the world which is a symbol of the trust that the professionals and end users have bestowed in ESPA: hotels, schools, housing development, apartment complex, health resorts, factories, logistic centers, agricultural plantations, gardens, water treatment facilities, chemical industries, etc.

All the products from this catalogue comply with the following standards:

Directive 2006/42/EC about machine security.

Directive 2014/35/EC about low voltage.

Directive 2014/30/EC about electromagnetic compatibility.

European norms EN 804 and **EN 60335-2-41**.

Directive 2000/14/CEE about sound emissions.

RD 110/2015 about regarding electronic and electrical products and the waste management.

Directive 2009/125/EC about ecodesign.

Directive 2011/65/UE restriction of the use of certain hazardous substances in electrical and electronic equipment ROHS (Norm EN 50581).

Directive 2005/32/CE ecodesign requirements for energy-using products. IE3 energy efficient motors.

ESPA voltages

Voltage tolerances:

Nominal 115V [+/- 10%]

Nominal 220V [+/- 10%]

Nominal 380V [+/- 10%]

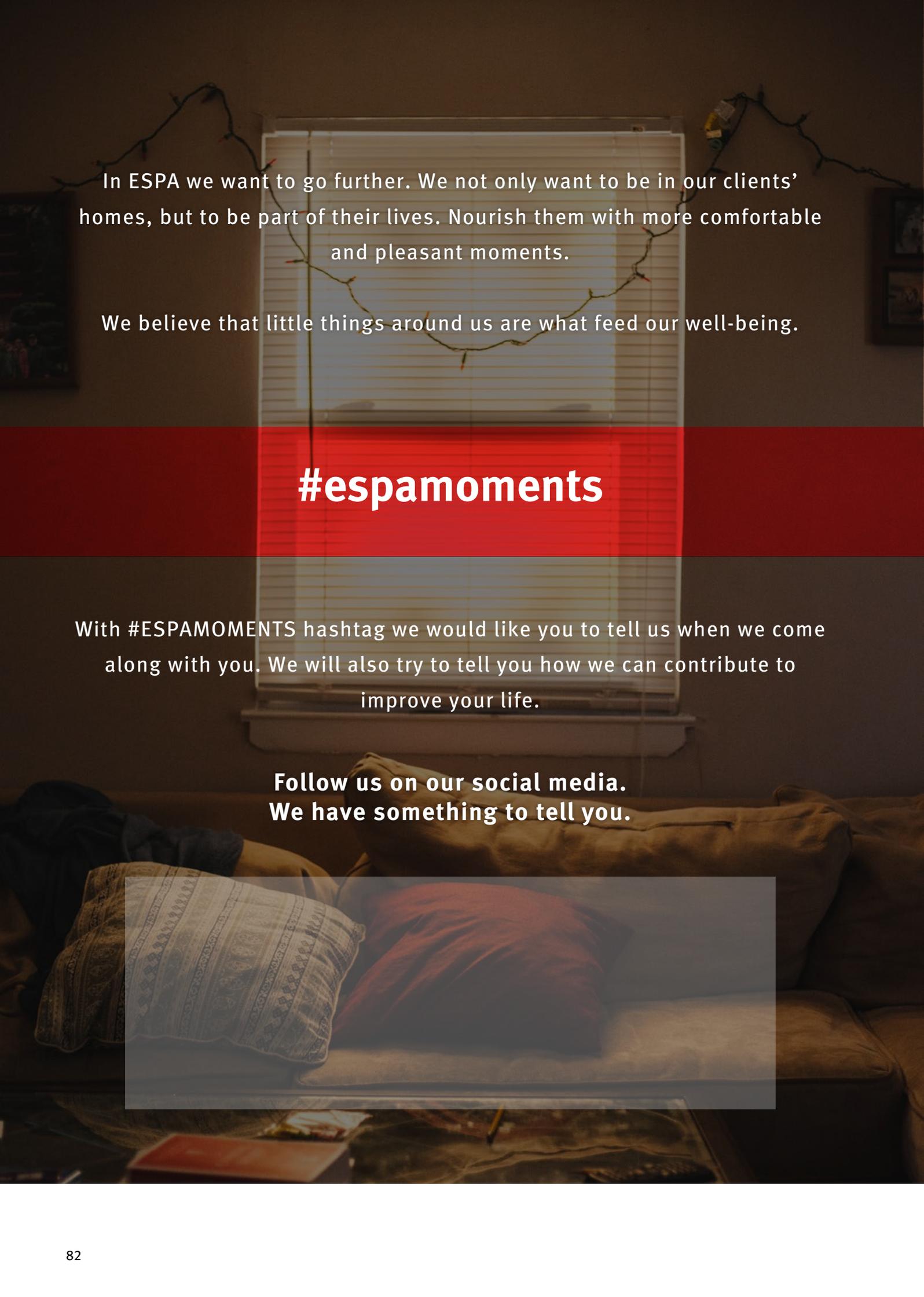
3~ voltage tolerances:

Nominal 220V-254V [+/- 10%]

Nominal 380V-440V [+/- 10%]

Non-binding pictures, the technical specifications and/or the equipment might change depending on the model. ESPA has the right to change the content of the present catalogue without any further notice, always with the intention to improve the information that is given to our clients.

It is completely forbidden the total or partial use of this catalogue in any format or media. The data containing this catalogue is valid, except for any spelling or printing mistakes, until a new version of the catalogue is released.

A photograph of a living room interior. In the center is a window with white horizontal blinds. A string of warm white lights is draped across the top of the window. Below the window is a brown leather couch with several pillows, including one with a patterned cover and a red one. The room is dimly lit, with light coming from the window and the string lights.

In ESPA we want to go further. We not only want to be in our clients' homes, but to be part of their lives. Nourish them with more comfortable and pleasant moments.

We believe that little things around us are what feed our well-being.

#espamoments

With #ESPAMOMENTS hashtag we would like you to tell us when we come along with you. We will also try to tell you how we can contribute to improve your life.

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