



**DREDGING
PUMPS**

DRAGFLOW
ULTIMATE EFFICIENCY

**AMPHIBIOUS
DREDGES**



**REMOTE CONTROLLED
DREDGES**



**CABLE
DREDGES**



**DREDGING
PUMPS**





DRAGFLOW

A success story, which began in the 80's with the production of submersible pumps with agitator for heavy-duty applications, designed and built for the treatment of high solid abrasive mixtures.

Present recognition: today our company is known throughout the world as a manufacturer of advanced dredging pumps and systems for port, maritime, energy, mining and extraction industry sectors.

A future of research and innovation in which to develop cutting-edge technologies and solutions, with a vigilant eye on customer needs and requirements.

PROJECTS and TECHNOLOGIES

International experience attained in the design and manufacture of submersible dredging pumps has enabled us to refine our proposals: we are able to offer high quality raw materials and exceptional product life.

We constantly strive to find new opportunities for improving performance even in extreme conditions, optimising energy and thus reducing the environmental impact and total costs.

Believing that there are no difficult challenges, if they are tackled with the support of our integrated technological systems: each pump can make use of accessories able to enhance its operation in all conditions.

PEOPLE

Our team is constantly evolving to find new technological solutions, which improve the performance of electric and hydraulic dredging pumps.

Every day engineers and technicians discuss new ideas to innovate and offer specific solutions even for the most complex situations, placing particular emphasis on the needs of customers and sustainability.

Our business network is solid and widespread. Consistently supported by our partners and distributors to optimise logistics and carry out interventions quickly, with the possibility of performing inspections to demonstrate the efficiency of our products.

**Try working with us.
You will see the difference.**

DREDGING PUMPS. State of the art design and quality

ELECTRIC MOTOR DESIGNED FOR HEAVY-DUTY APPLICATIONS (1)

Class H operates with mixtures with specific weight up to 1.7 kg/dm³. All pumps are available in 50 Hz and 60 Hz.

HIGH QUALITY METALLURGY (2)

Parts subject to wear are produced using HIGH CHROME ensuring longer life.

SENSORS

FOR EXTRA PROTECTION

Temperature and humidity sensors are available to handle complex applications.

HIGH CHROME WEAR PLATE (3)

Adjustable and positioned on the suction side.

FRONT DEFLECTOR (4)

SERVICE BOLTS (5)

- flushing of seals
- oil inspection
- double grease point

THRUST BEARINGS

Reduce vibrations and support movement.

SOLID TRANSPORTING UP TO 120 MM

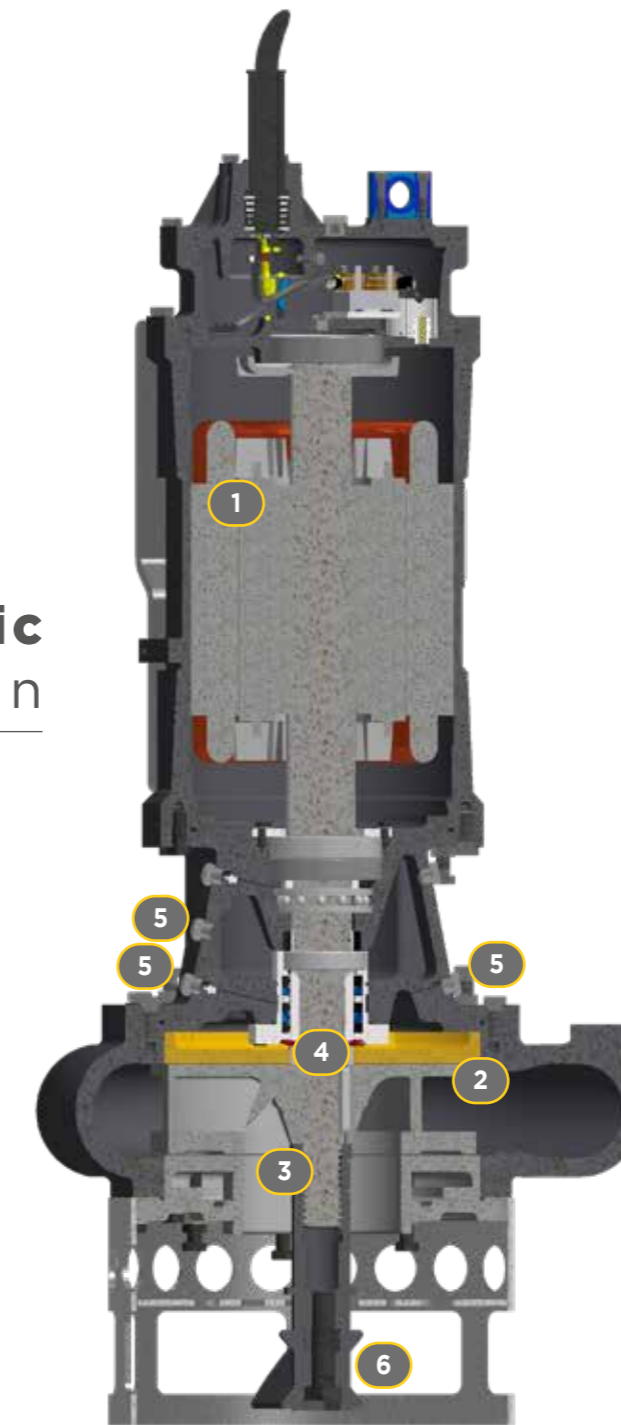
Handling from 20 mm up to 120 mm in the largest pumps.



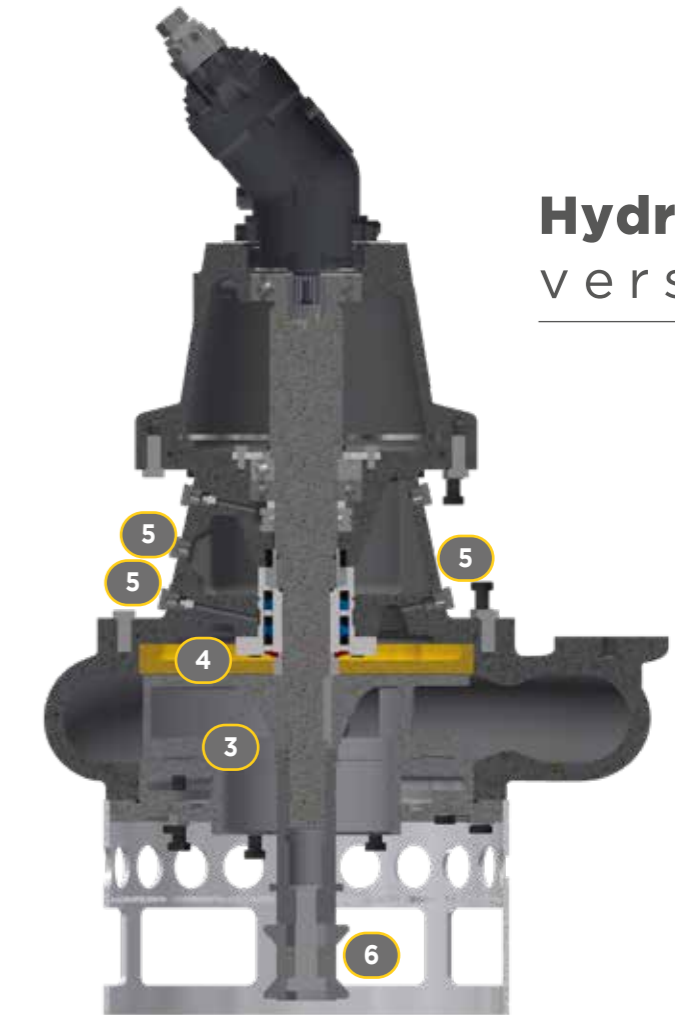
AGITATOR (6)

- high efficiency agitator for lifting sedimented solid material
- able to pump up to 70% per weight density
- high abrasion resistance
- low rotation speed to reduce wear
- reversible for longer life

Electric version



Hydraulic version



ELECTRIC PUMPS



Characteristics:

- Power: from 3.7 kW (5 hp) to 240 kW (322 hp)
- Flow rate: up to 3500 m³/h
- Drain diameter: up to 450 mm (18 inches)

PUMPS FOR HEAVY-DUTY APPLICATIONS

S and SS versions

The pumps in this line are supplied with an oversized motor capable of lifting mixtures up to 1.7 kg/m³. Their structure is designed to work in complex environmental conditions, performing efficiently where any other pump could fail.

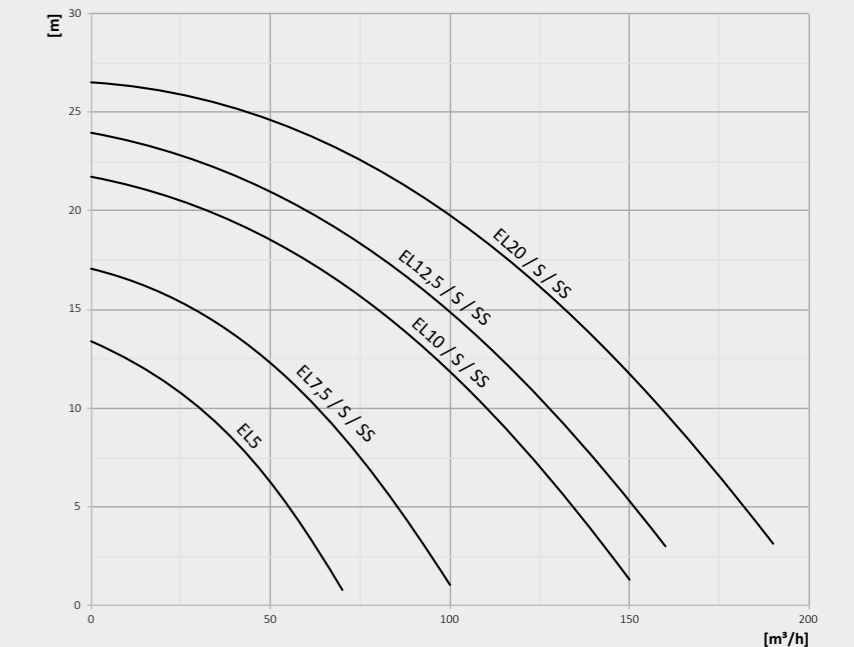


ELECTRIC PUMPS EL5 - EL20



Model	Delivery		Capacity		Head		Power	R.P.M.	Solid Handling		Weight	
	mm	inch	m ³ /h	rpm	m	ft	HP/kW	50/60 Hz	mm	inch	kg	Lbs
EL5	80	3	30	132	12	39	5 / 3,7	1450 / 1740	20	0,8	220	485
EL7,5	100	4	60	264	12	39	7,4 / 5,5	1450 / 1740	25	1,0	270	595
EL7,5 S	100	4	60	264	12	39	10 / 7,5	1450 / 1740	25	1,0	280	617
EL7,5 SS	100	4	60	264	12	39	12 / 9	1450 / 1740	25	1,0	280	617
EL10	100	4	60	264	15	49	10 / 7,5	1450 / 1740	25	1,0	280	617
EL10 S	100	4	60	264	15	49	12 / 9	1450 / 1740	25	1,0	290	640
EL10 SS	100	4	60	264	15	49	14,7 / 11	1450 / 1740	25	1,0	290	640
EL12,5	100	4	60	264	19	62	12 / 9	1450 / 1740	25	1,0	290	640
EL12,5 S	100	4	60	264	19	62	14,7 / 11	1450 / 1740	25	1,0	290	640
EL12,5 SS	100	4	60	264	19	62	17,4 / 13	1450 / 1740	25	1,0	290	640
EL20	100	4	100	440	20	65	20 / 15	1450 / 1740	25	1,0	535	1180
EL20 S	100	4	100	440	20	65	24 / 18	1450 / 1740	25	1,0	555	1223
EL20 SS	100	4	100	440	20	65	29 / 22	1450 / 1740	25	1,0	560	1235

S = oversized motor
SS = ultra oversized motor

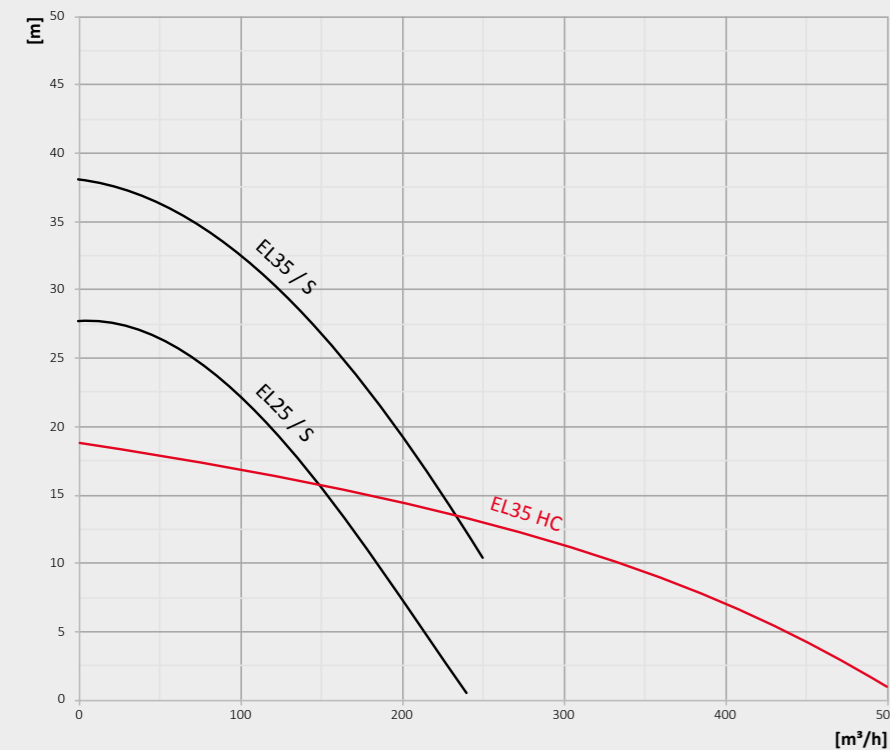


ELECTRIC PUMPS

EL25 - EL35



Model	Delivery		Capacity		Head		Power	R.P.M.	Solid Handling		Weight	
	mm	inch	m³/h	rpm	m	ft	HP/kW	50/60 Hz	mm	inch	kg	Lbs
EL25	100	4	100	440	21	69	25 / 18,5	970 / 1164	35	1,4	715	1580
EL25 S	100	4	100	440	21	69	35 / 26	970 / 1164	35	1,4	785	1730
EL35	100	4	90	396	31	102	35 / 26	970 / 1164	35	1,4	780	1580
EL35 S	100	4	90	396	31	102	60 / 45	970 / 1164	35	1,4	780	1580
EL35 HC	100	4	210	925	15	49	35 / 26	970 / 1164	60	2,4	780	1580



S = oversized motor
HC = high capacity



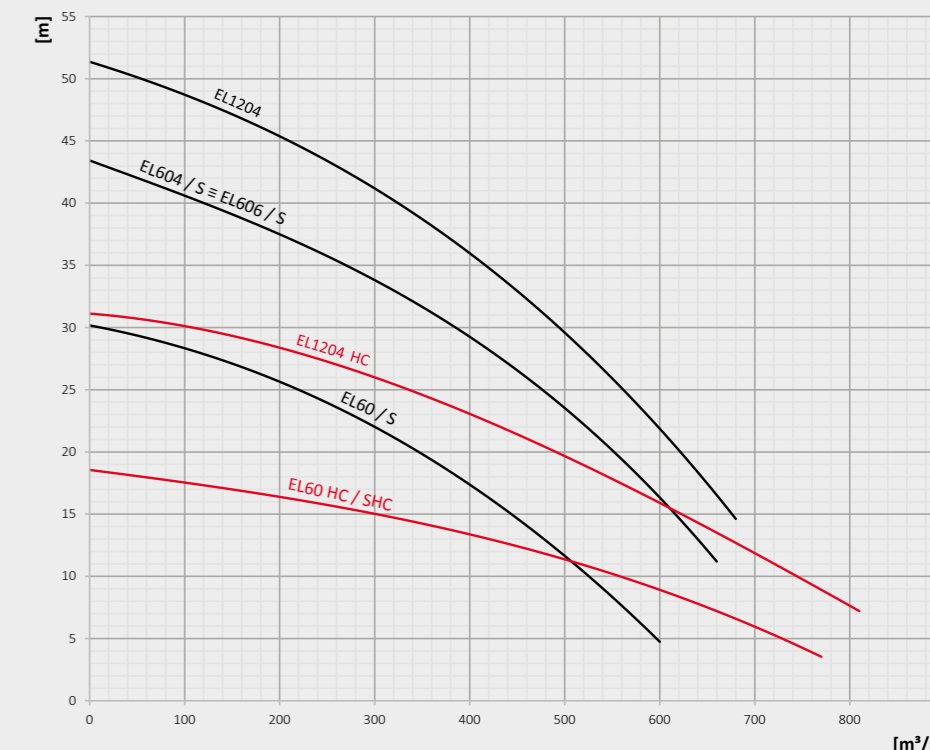
ELECTRIC PUMPS

EL60 - EL1204

Model	Delivery		Capacity		Head		Power	R.P.M.	Solid Handling		Weight	
	mm	inch	m³/h	rpm	m	ft	HP/kW	50/60 Hz	mm	inch	kg	Lbs
EL60	150	6	200	881	26	85	60 / 45	980 / 1176	60	2,4	1060	2337
EL60 S	150	6	200	881	26	85	80 / 60	980 / 1176	60	2,4	1230	2710
EL60 HC	250	10	720	3170	5	16	60 / 45	980 / 1176	90	3,5	1200	2645
EL60 SHC	250	10	720	3170	5	16	80 / 60	980 / 1176	90	3,5	1200	2645
EL604	150	6	200	881	42	138	100 / 75	1480 / 1776	60	2,4	1100	2425
EL604 S	150	6	200	881	42	138	120 / 90	1480 / 1776	60	2,4	1115	2460
EL606	150	6	240	1057	38	125	100 / 75	NA / 1182	60	2,4	1250	2755
EL606 S	150	6	240	1057	38	125	120 / 90	NA / 1182	60	2,4	1280	2820
EL1204	150	6	200	881	47	154	120 / 90	1480 / 1776	60	2,4	1250	2755
EL1204 HC	250	10	720	3170	16	52	120 / 90	1480 / NA	90	3,5	1250	2755



S = oversized motor
HC = high capacity

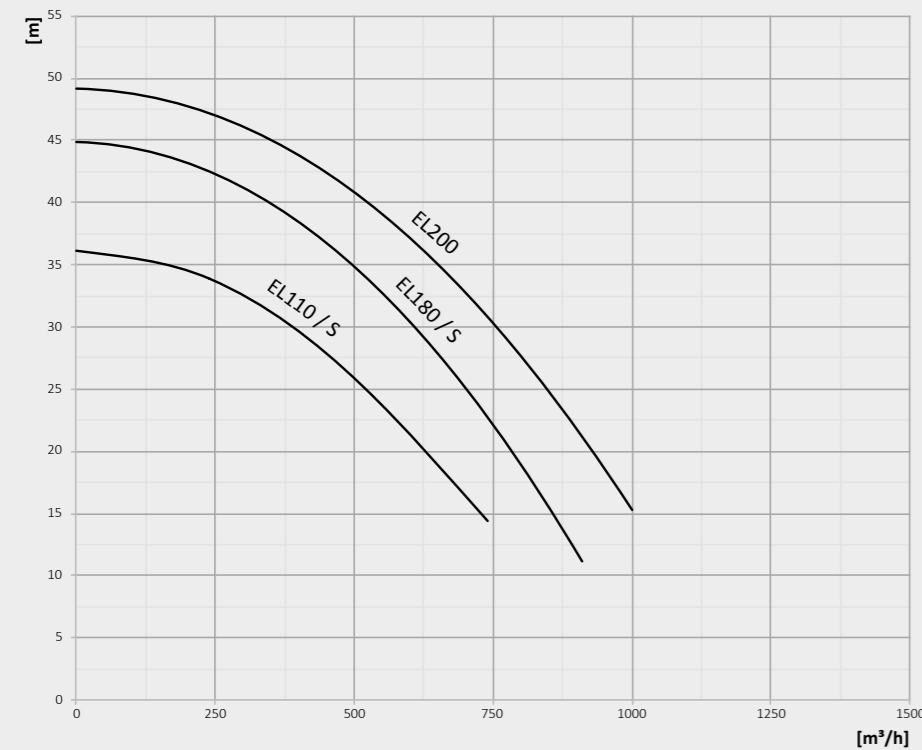


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EL110 – EL200



Model	Delivery		Capacity		Head		Power	R.P.M.	Solid Handling		Weight	
	mm	inch	m³/h	rpm	m	ft	HP/kW	50/60 Hz	mm	inch	kg	Lbs
EL110	200	8	350	1541	30	98	107 / 80	745 / 894	60	2,4	2450	5400
EL110 S	200	8	350	1541	30	98	150 / 110	745 / 894	60	2,4	2450	5400
EL180	200	8	350	1541	40	131	180 / 130	980 / 1176	60	2,4	2750	6060
EL180 S	200	8	350	1541	40	131	201 / 150	980 / 1176	60	2,4	2900	6400
EL200	200	8	350	1541	48	157	201 / 150	980 / 1176	60	2,4	3000	6600



S = oversized motor



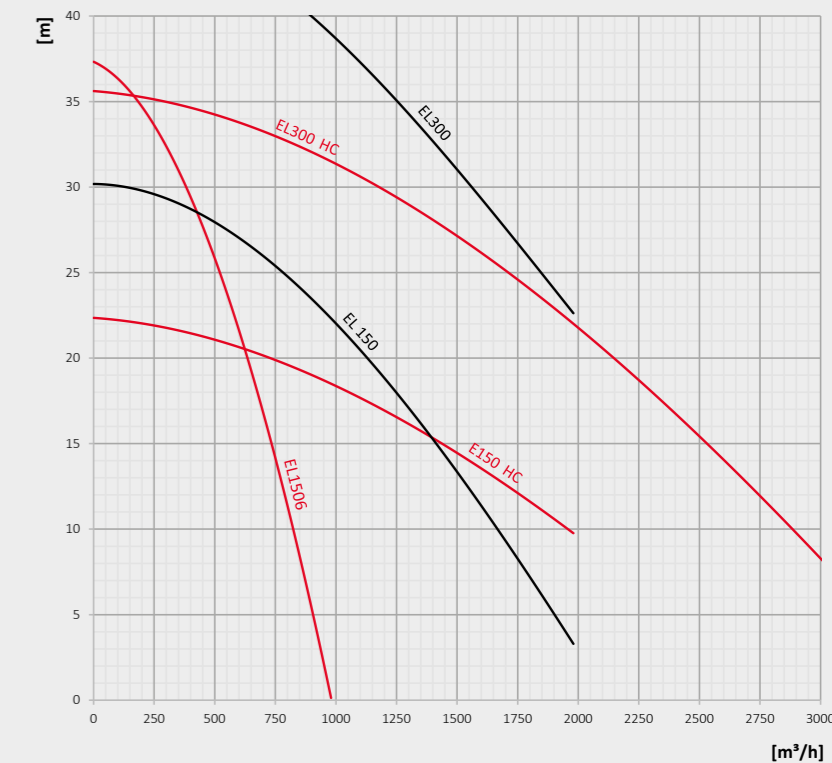
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EL150HC – EL300HC

Model	Delivery		Capacity		Head		Power	R.P.M.	Solid Handling		Weight	
	mm	inch	m³/h	rpm	m	ft	HP/kW	50/60 Hz	mm	inch	kg	Lbs
EL150	250	10	720	3170	22	72	147 / 110	585 / 700	120	4,7	4500	9920
EL150 HC	450	18	720	3170	22	72	147 / 110	585 / 700	120	4,7	5000	11000
EL1506	200	8	420	1850	28	90	147 / 110	980 / NA	60	2,4	2750	6060
EL300	250	10	1240	5460	35	115	322 / 240	745 / 895	120	4,7	5170	11400
EL300 HC	450	18	1700	7480	25	82	322 / 240	745 / 895	120	4,7	5420	12000



HC = high capacity

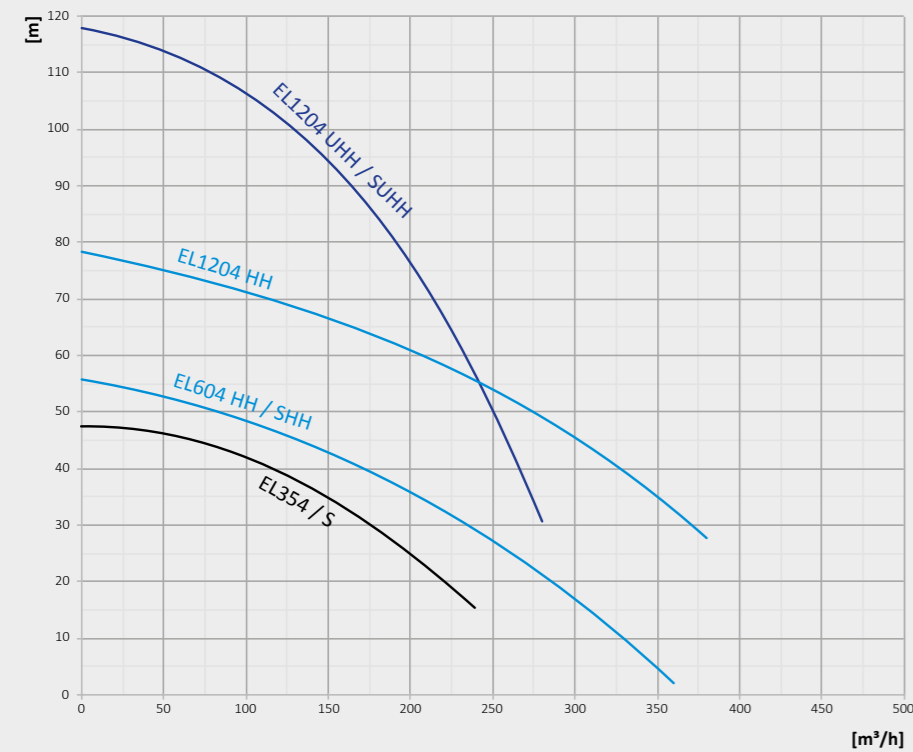


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EL354 - EL1204 HH



Model	Delivery		Capacity		Head		Power	R.P.M.	Solid Handling		Weight	
	mm	inch	m³/h	rpm	m	ft	HP/kW	50/60 Hz	mm	inch	kg	Lbs
EL354	100	4	60	264	46	151	49 / 37	1465 / 1758	35	1,4	780	1580
EL354 S	100	4	60	264	46	151	59 / 44	1485 / 1782	35	1,4	780	1580
EL604 HH	100	4	100	440	49	161	100 / 75	1480 / 1776	35	1,4	1250	2755
EL604 SHH	100	4	100	440	50	164	120 / 90	1480 / 1776	35	1,4	1250	2755
EL1204 HH	100	4	100	440	72	236	120 / 90	1480 / 1776	35	1,4	1250	2755
EL1204 UHH	100	4	100	440	72	236	160 / 120	1450 / 1740	20	0,8	1850	4080
EL1204 SUHH	100	4	100	440	72	236	188 / 140	1450 / 1740	20	0,8	1915	4250



S = oversized motor
 HH = high head
 UHH = ultra high head





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