

Holland – you'd reckon they'd know a bit about pumping out water.



With half of Holland at, or below, sea level – managing water has been a mission for a millennium.

Now, with Dutch BBA pumps, exclusive to Prime Pump, you can have the world's best dewatering technology keeping your working area dry.

Features including a groundbreaking galvanized canopy, the most modern, and cleanest engines, easy maintenance lightweight composite panels, leak-free and fully bunded fuel tanks have established BBA as global pioneers and industry leaders.

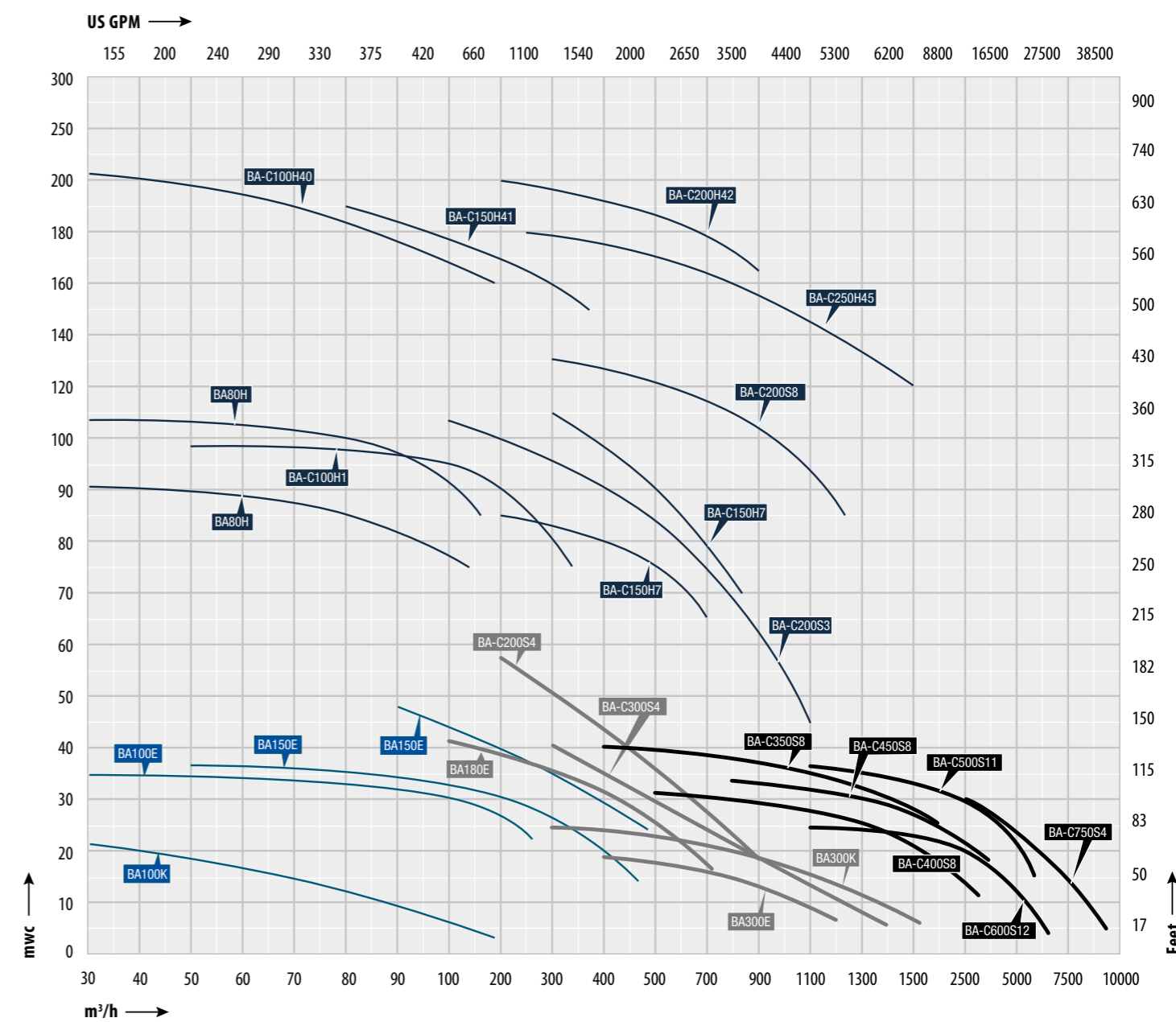
BBA pumps have technical solutions that exceed regulations along with a diesel particulate filter system for single-cylinder engines, extended service intervals (up to 1500 hours) and low sound levels.

As the Dutch would say: fantastisch.

BA Series



Auto Prime Pumps



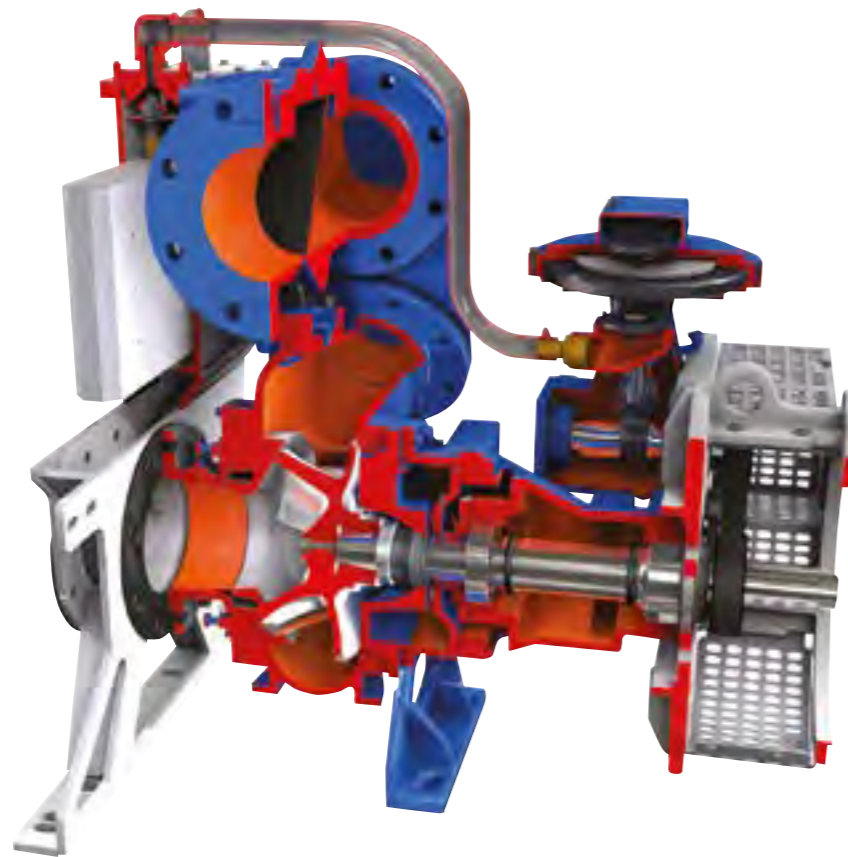
BA Series

World-class performance

The BA auto prime pumps have been designed with a clear focus on reliability, efficiency, and durability. Featuring a 100% mechanical priming system, the BA series pumps quickly prime and re-prime, even from dry conditions. The heavy build style of both pump and canopy make the BA range perfect for use in the strenuous contractor market.

Inside the BA Series

After starting the unit, the vacuum pump removes all air from the suction line, drawing the water up into the pump.



As soon as the pump is primed, the float closes the vacuum pump connection and the centrifugal pump starts pumping liquid.



Impeller

A selection of high efficiency impellers are available for the BA range. By using high grade steel (42CrMo4) the pumps can be used for corrosive or abrasive fluids.



Easy inspection

All inspection points, draining points and filler plugs are easily accessible and situated on one side of the pump as much as possible.



Reliable vacuum pump

MP series diaphragm pump. Air-cooled, water resistant and 100% oil-spill free, offering air handling capacities of 50 m3/h or 100 m3/h.



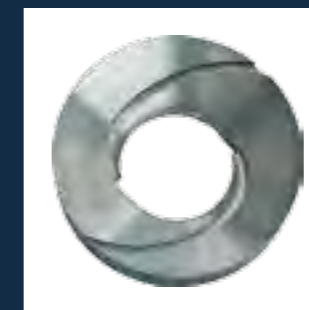
Oil chamber & pressure relief chamber

The large oil chamber offers optimal seal cooling and lubrication, allowing dry running or snore applications. The pressure relief chamber prevents fluids from entering the bearing block at all times.



Non-return valve

This maintenance-free valve creates perfect sealing of the discharge port for reliable priming and re-priming.



Adjustable wearplate

The wearplate used in conjunction with the E-style impeller is fitted with self-cleaning cutter slots. It is easy to adjust from the outside without disassembling the pump-end, ensuring maximum pump efficiency.



Interchangeable parts

The modular design of the BA series minimises parts requirement thereby lowering stock keeping costs and facilitating easy maintenance.



4 Year Limited Warranty

The BBA Pumps limited warranty covers years or operating hours, whichever occurs first. For more details please refer to the warranty booklet on our website.



The world's best performing 4" dewatering pumpset

The BA100K D193 pump set has been modernised and now offers performance rates similar to small 6" pumps! Completely in accordance with our company philosophy the set is fitted with a number of unique environmentally-friendly features. With its unequalled pump capacity of over 190m³/hr with a maximum fuel consumption of just 1.7

litres per hour this compact 4" sewage pump outperforms any other comparable pump. By using the optional particulate filter/catalyst module the exhaust emissions are reduced to almost zero! DriveOn® technology offers our clients extended service intervals of up to 1500 operating hours.

Pump				Diesel engine			
Model	Flow m ³ /h	Head m	Solids ømm	Brand	Model	Power kW	Speed rpm
BA100K D193	190	22	82	Hatz	1D90Z	6,4	1700



DriveOn® Technology



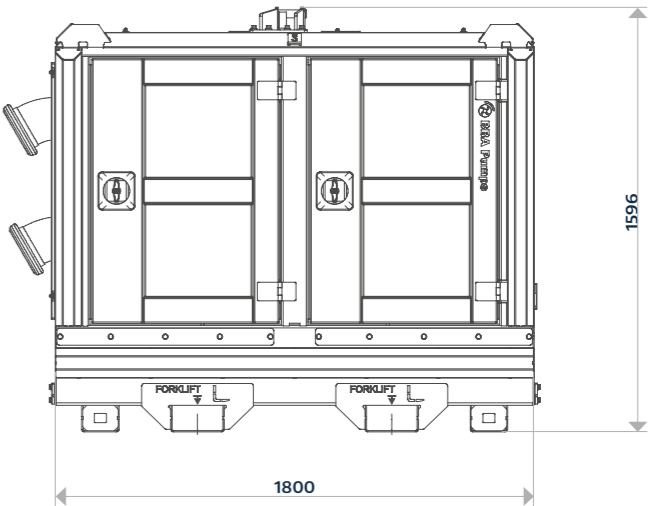
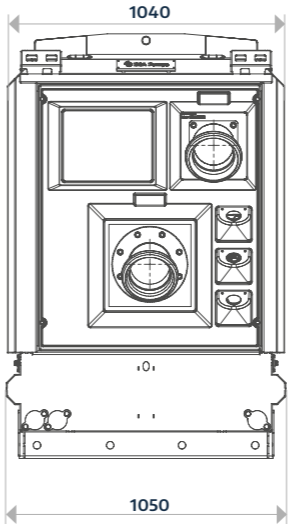
Optional DPF/DOC



BA100k 4"

Diesel Driven Dewatering and Sewage Pump 190 m³/h

- 1500 hour service intervals
- Maximum of 1.7L/hr diesel consumption
- Vacuum prime
- 190m³/hr capacity
- 82mm solids handling





6" BA SERIES Diesel Driven Dewatering and Sewage Pump

The BA auto prime pumps have been designed with a clear focus on reliability, efficiency and durability. Featuring a 100% mechanical priming system, the BA series pumps quickly prime and re-prime, even from dry conditions. The heavy build style of both pump and canopy make the BA range perfect for use in the strenuous contractor market.



Fast Tow Trailer

A custom built, road-legal trailer for all 4" and 6" pump units in M10-23 canopy or BF10-23 frame.



Site Trailer

Off road trailer for all 4"and 6" pump models in M 10-23 canopy or BF 10-23 frame.

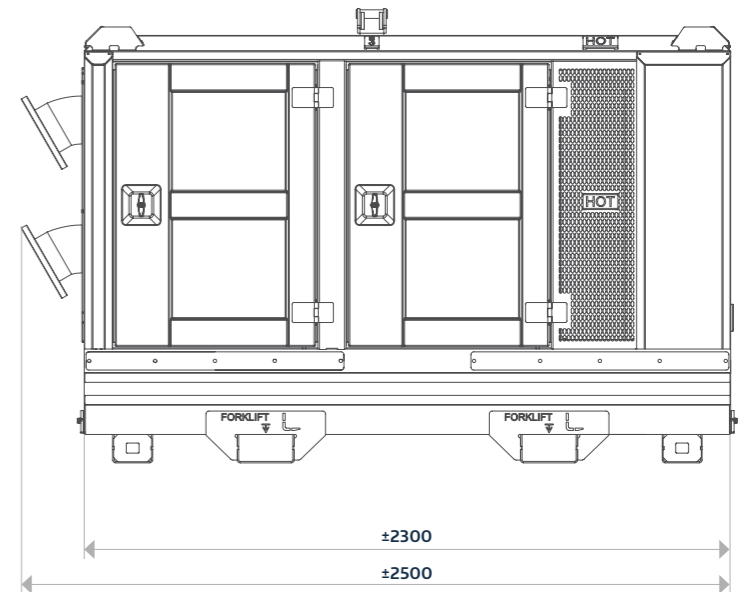
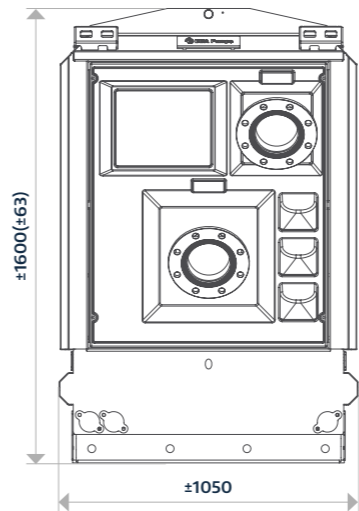
Pump				Diesel engine		
Model	Flow m ³ /h	Head m	Solids ømm	Brand	Power kW	Speed rpm
BA150E D285	475	35	80	Perkins	34	1750
BA150E D285	490	48	80	Perkins	54	2100



6" Diesel Drive Pumpsets

BA Series: Dewatering and Sewage Pumps

- Minimised fuel consumption
- Corrosion free doors and frame
- 500hr service intervals
- Vacuum Prime
- E-lift system for easy maintenance





8" Diesel Drive Pumpsets

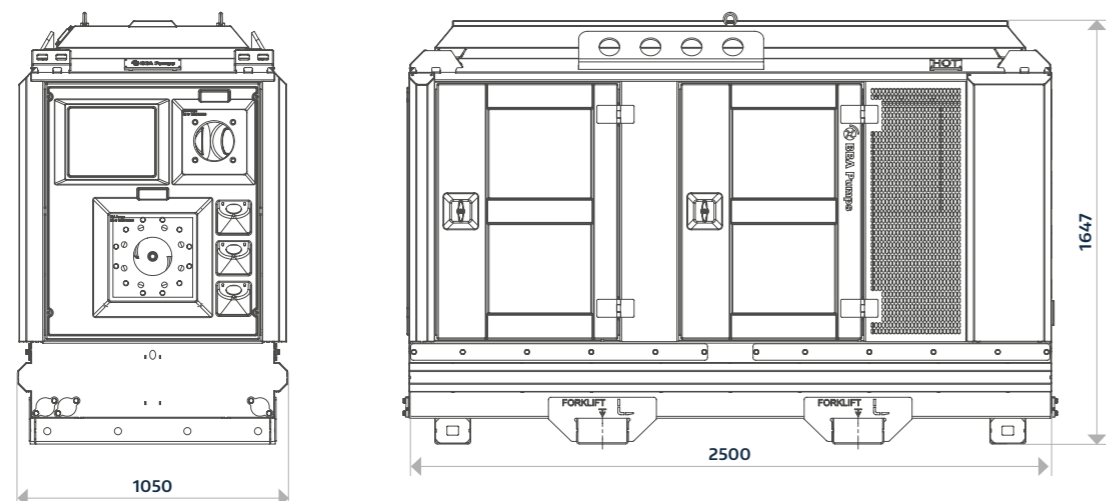
BA Series: Dewatering and Sewage Pumps

- Minimised fuel consumption
- Corrosion free doors and frame
- 500hr service intervals
- Vacuum Prime



Pump				Diesel engine		
Model	Flow m³/h	Head m	Solids ømm	Brand	Power kW	Speed rpm
BA180E D270	570	27	80	Hatz	50	1900
BA200E D328	700	32	80	Perkins	53	1500
BA180E D315	700	41	80	Perkins	60	1900

Size & Weight
8"
2150 kg



12" Diesel Drive Pumpsets

BA Series: Dewatering and Sewage Pumps

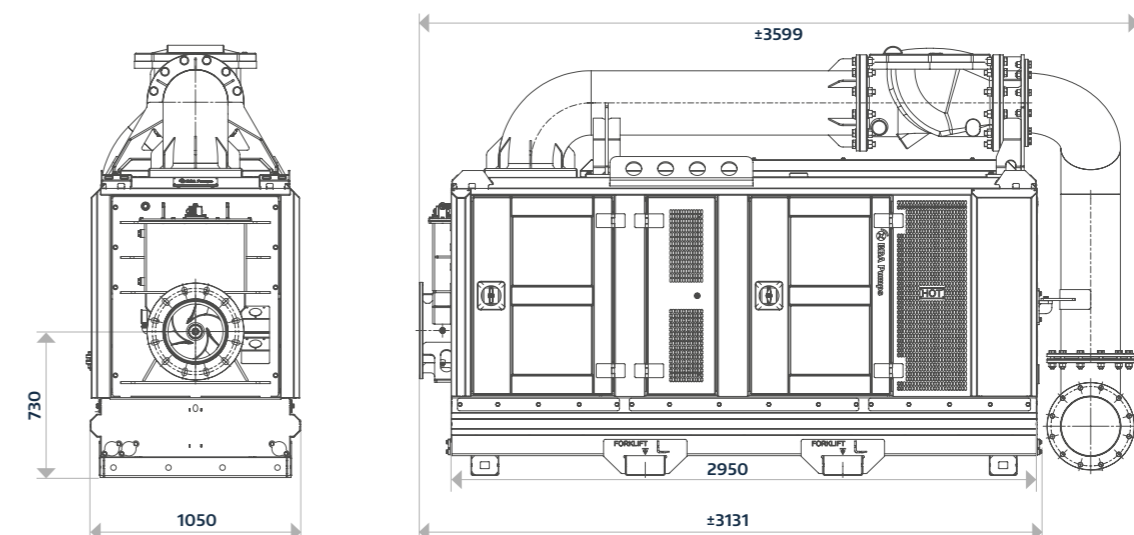
- Corrosion free doors and frame
- 500hr service intervals
- Vacuum Prime



Old

New

Pump				Diesel engine		
Model	Flow m³/h	Head m	Solids ømm	Brand	Power kW	Speed rpm
BA300E D328	1250	19	105	Perkins	63	1500
BA300K D324	1400	18	100	Perkins	67	1500
BA300K D350	1550	24	100	Volvo	95	1500



Size & Weight
12"
3500kg

Electric Drive

BA Series

With the development of a standard norm block construction (NMC) BBA Pumps offers a modular and compact electrically driven pump design that is fully in-sync with the companies “lowest cost of ownership” philosophy. Using high efficiency pumps and electric motors, the pumps offer

maximum performance at minimal cost. In addition to a standard control box and soft starter, the pump units can also be provided with a frequency converter; which ensures a maximum control over the pumping process.

Pump					Motor 400V 50Hz		
Model	Size	Flow m³/h	Head m	Solids ømm	Power kW	Speed rpm	Start-up
BA80H D275	3"	110	115	25	55	2975	soft starter
BA100K D193	4"	130	15	82	5.5	1450	soft starter
BA100E D265	4"	260	21	80	15	1470	soft starter
BA150E D285	6"	430	24	80	18.5	1470	soft starter
BA200E D328	8"	650	31	80	45	1480	soft starter
BA300K D350	12"	1500	22	100	90	1480	DOL
BA-C400S8 D559	16"	3200	45	114	250	990	DOL
BA-C500 S11 D711	20"	5500	37	127	400	750	DOL
BA-C600S12 D711	24"	6500	24	133	250	600	DOL

Diesel Drive

BA-C Series All Sizes

High flow and high head
dewatering and sewage pumps

- Flood control
- Minimised fuel consumption
- Corrosion free doors and frame
- 500hr service intervals
- Vacuum Prime



Pump					Diesel Engine		
Model	Size	Flow m³/h	Head m	Solids ømm	Brand	Power kW	Speed rpm
BA80H D275	3"	130	90	25	Perkins	44	2800
BA80H D315	3"	200	90	25	Perkins	70	2200
BA-C100H40 D498	4"	180	210	19	CAT	180	2200
BA-C100H1 D418	4"	345	100	16	Perkins	116	1850
BA-C150H41 D557	6"	370	200	25	CAT	280	1900
BA-C150H7 D406	6"	700	85	31	Volvo	146	1800
BA-C150H7 D418	6"	850	110	31	Volvo	240	2000
BA-C200H42 D483	8"	850	130	51	Volvo	300	1800
BA-C200H42 D557	8"	900	200	51	CAT	600	1900
BA-C200S3 D444	8"	1100	107	86	Volvo	210	1800
BA-C200S8 D495	8"	1250	135	62	Volvo	398	1850
BA-C300S4 D356	12"	1400	50	100	Volvo	125	1800
BA-C250S4 D444	10"	1600	100	86	Volvo	305	1800
BA-C250H45 D610	10"	1500	180	60	CAT	700	1770
BA-C350S8 D444	14"	2200	31	102	Volvo	136	1800
BA-C400S8 D559	16"	2700	31	114	Volvo	136	1800
BA-C450S8 D673	18"	4000	33	127	Volvo	222	1800
BA-C500S11 D711	20"	5500	37	127	Volvo Penta	365	1800
BA-C600S12 D711	24"	6500	26	133	Volvo Penta	308	1800
BA-C750S4 D868	30"	9000	25	259	Volvo Penta	398	1800

