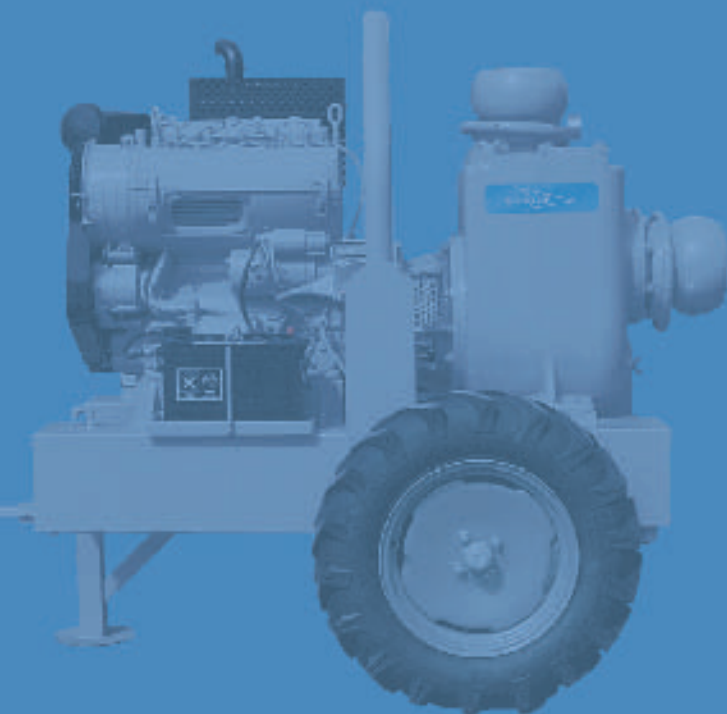
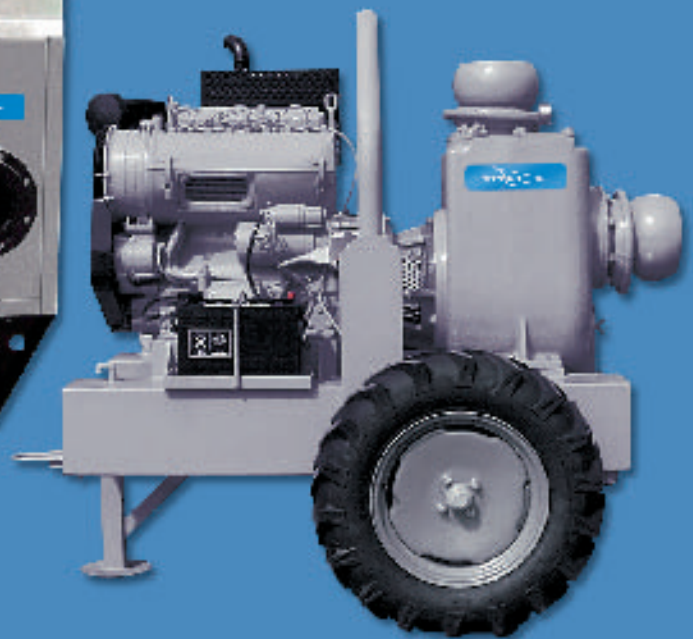




Self-priming pumps

Reliable dewatering and drainage solutions



Flygt



ITT Industries
Engineered for life

Reliable solutions for heavy-duty applications

As a solution provider, Flygt has an extensive range of extremely versatile self-priming pumps for all applications connected with drainage, dewatering or lowering of the water table.

Our extensive offer of robust self-priming pumps ensures that you can always find a reliable solution for all heavy-duty applications, whether you intend to dewater sites or drain excavations, submerged sites or flooded land. All our self-priming pumps are easy to transport and therefore excellent to use anywhere you need to move liquids.



Typical applications include:

- Civil engineering and construction site dewatering
- Ground working
- Temporary and emergency dewatering
- Mine and quarry pumping
- Screened sewage over-pumping/bypass operations

A wide range to suit your needs

We offer a range of models from 2" to 10" that use different types of engines and can be mounted on trailers with tyres or on skids according to your needs.

To meet any noise limitation requirements, our pumps come with reduced noise levels as an option. They have high quality canopy covers for both engine and pump. Super-silenced models are also available.

Our wide range is the result of more than 30 years of experience of dewatering and lowering water table levels.



Features and benefits:

- Reliable, robust and efficient solutions of the highest quality
- Extremely versatile products for all uses connected with drainage and lowering of the water table
- Wide range of formats: diesel or electric power units, skid- or wheel-mounted
- High hydraulic efficiency
- Reduced noise levels – super-silenced models available
- Environmentally friendly solutions
- Low maintenance

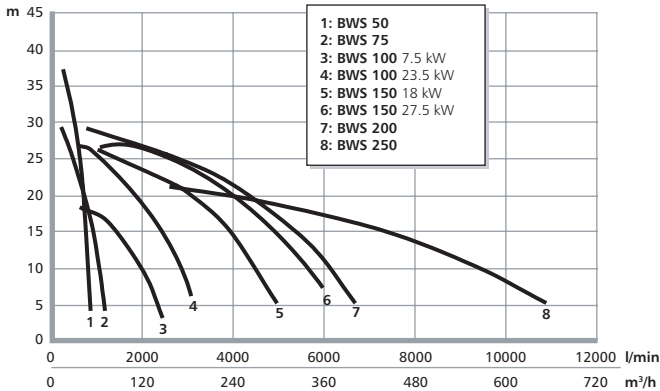
Self-priming pumps for general dewatering

The Flygt BWS series of pumps are designed for excellent mechanical resistance and uninterrupted pumping under the toughest conditions. The shaft and seal are dimensioned for extra heavy duty.

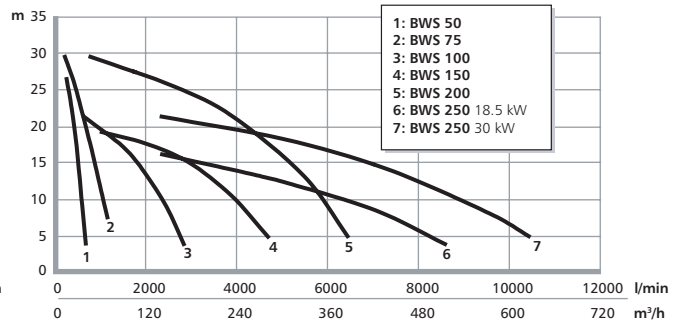
This makes them highly suitable for drainage applications where high reliability is paramount. The pumps' outstanding wear resistance is achieved through well-dimensioned material in places exposed to the elements, and by running the pump at low speed. The pump is also self-priming: it does not need a foot valve nor an additional vacuum pump.



BWS Diesel/Petrol



BWS Electrical



	BWS 50	BWS 50	BWS 75	BWS 75	BWS 100*	BWS 150*	BWS 200	BWS 250*
Discharge diameter (mm)	50	50	80	80	120	150	200	250
Rated power (kW)	4.1	3.7	4.7	5	7.5/23.5	18.4/27.5	27.5	36
Weight (kg)	68	41	145	124	340/527	780/847	847	1129
Length (m)	0.87	0.85	0.95	0.95	0.95/1.30	1.65	1.65	1.65
Width (m)	0.60	0.45	0.60	0.60	0.85/1.12	1.35	1.35	1.35
Height (m)	0.70	0.64	0.80	0.80	1.05/1.33	1.55	1.55	1.60
Supply	Diesel	Petrol	Diesel	Petrol	Diesel	Diesel	Diesel	Diesel

	BWS 50	BWS 50	BWS 75	BWS 100	BWS 150*	BWS 200	BWS 250*
Discharge diameter (mm)	50	50	80	120	150	200	250
Rated power (kW)	2.2	2.2	4.0	7.5	11	30	18.5/30
Weight (kg)	39	39	115	255	541	608	843/889
Length (m)	0.85	0.85	0.95	0.95	1.40	1.40	1.60
Width (m)	0.45	0.45	0.60	0.83	1.05	1.05	1.35
Height (m)	0.64	0.64	0.80	1.05/1.33	1.26	1.26	1.60
Supply	Electric 1	Electric 3	Electric 3	Electric 3	Electric 3	Electric 3	Electric 3

Electric 1:
230V 50 Hz
Electric 3:
400V 50 Hz

* Other performances available on request.

Centrifugal self-priming, vacuum-assisted pumps

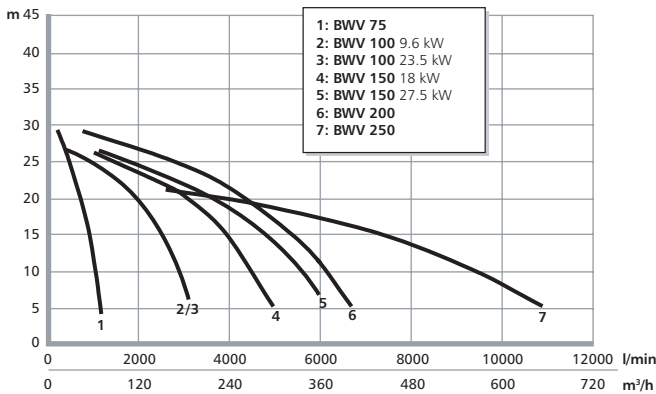
The BWV range is based on the self priming pump but is also equipped with a vacuum pump to guarantee extremely rapid and continuous priming of water with considerable percentages of air.

This makes our BWV pumps ideally suited for lowering groundwater, or for any application where rapid priming is required.

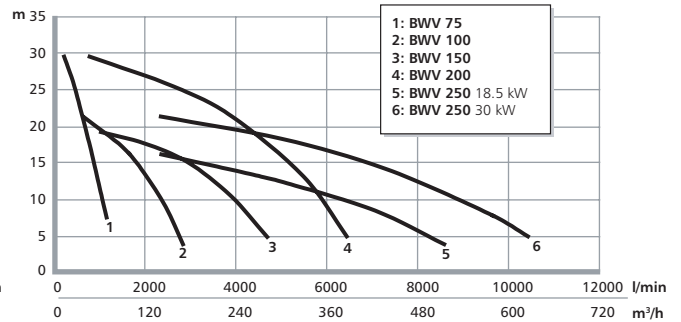
For reliable function, the discharge valve is a non-floating rubber sphere which is less prone to clogging. The vacuum pump, with closed-circuit oil lubrication, has proven its reliability over decades.



BWV Diesel



BWV Electrical



	BWV 75	BWV 100*	BWV 150*	BWV 200	BWV 250*
Discharge diameter (mm)	80	120	150	200	250
Rated power (kW)	5.8	9.6/23.5	18.4/27.5	27.5	36
Weight (kg)	270	450/580	929/1036	1036	1373
Length (m)	0.95	1.30	1.65	1.65	1.65
Width (m)	0.85	1.10/1.15	1.35	1.35	1.35
Height (m)	1.20	1.4/1.50	1.72/1.82	1.82	1.82
Supply	Diesel	Diesel	Diesel	Diesel	Diesel

	BWV 75	BWV 100	BWV 150*	BWV 200	BWV 250*
Discharge diameter (mm)	80	120	150	200	250
Rated power (kW)	5.5	7.5	11	30	18.5/30
Weight (kg)	215	340	615	713	985/1006
Length (m)	0.75	1.12	1.40	1.40	1.60
Width (m)	0.90	0.85	1.05	1.05	1.35
Height (m)	1.15	1.30	1.71	1.71	1.82
Supply	Electric 3	Electric 3	Electric 3	Electric 3	Electric 3

Electric 3:
400V 50 Hz

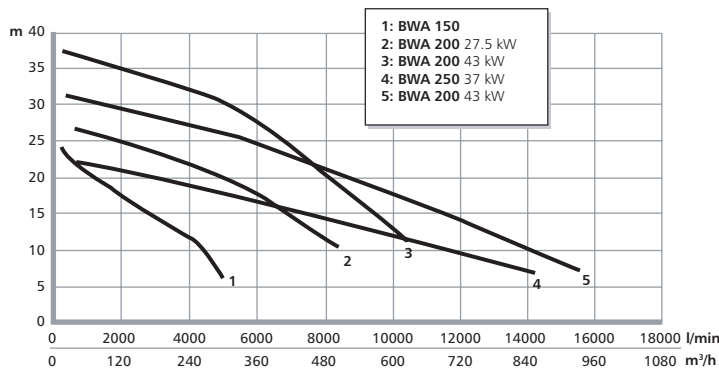
* Other performances available on request.

Centrifugal self-priming, vacuum-assisted pumps (water ring)

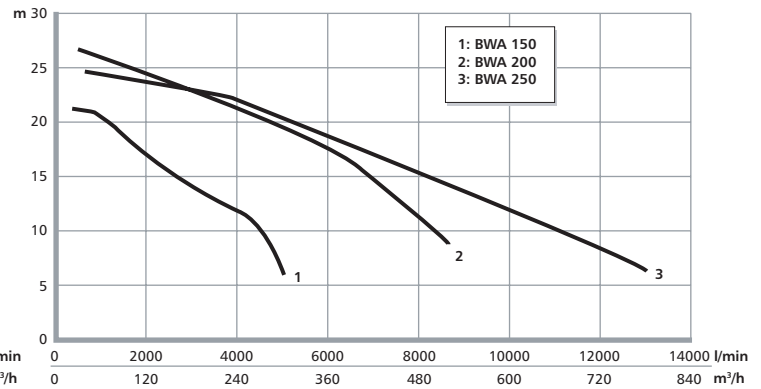
Flygt also has a range of centrifugal pumps primed by water ring vacuum pumps. The primary characteristics of BWA pumps are that they are environmentally friendly, have high hydraulic efficiency and require low maintenance. The pump has a large throughlet for clog resistance under difficult pumping conditions. The mechanical seals are oil-lubricated for optimum cooling.



BWA Diesel



BWA Electrical



	BWA 150	BWA 150	BWA 200*	BWA 200	BWA 250*	BWA 250
Discharge diameter (mm)	150	150	200	200	250	250
Rated power (kW)	18.4	11	27.5/43	30	37/43	30
Weight (kg)	935	635	1100/1174	833	1212	870
Length (m)	1.85	1.75	2.45	2.15	2.45	2.15
Width (m)	1.35	1.10	1.35	1.35	1.35	1.35
Height (m)	1.75	1.60	1.87	1.77	2.00	1.90
Supply	Diesel	Electric 3	Diesel	Electric 3	Diesel	Electric 3

Electric 3:
400V 50 Hz

* Other performances available on request.

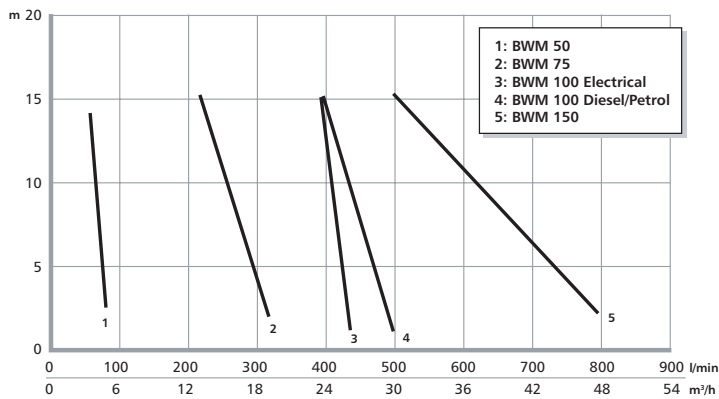
Diaphragm pumps

The diaphragm pumps in the BWM range are all-purpose self-priming pumps specially designed for around-the-clock operation.

They require neither foot valves nor initial priming with water, and can be used for pumping any type of liquid, even if it contains large solids, sludge, etc. The standard version is made of high strength corrosion resistant aluminium, but for corrosive pumping applications these pumps are also available in cast iron, bronze or stainless steel on request. The BWM range of pumps are delivered on a base frame mounted on a trolley or skid.



BWM Diesel/Petrol/Electric



	BWM 50	BWM 75	BWM 75	BWM 100	BWM 100	BWM 150
Discharge diameter (mm)	60	80	80	100	100	150
Rated power (kW)	3.3	2.8	3.6	7	6.6	5.0
Weight (kg)	33	140	127	177	141	300
Length (m)	1.08	0.95	1.23	0.91	1.15	1.43
Width (m)	0.42	0.84	0.68	0.86	0.80	1.17
Height (m)	0.41	0.79	0.64	0.98	0.89	1.05
Supply	Petrol	Diesel	Petrol	Diesel	Petrol	Diesel

	BWM 50	BWM 50	BWM 75	BWM 100
Discharge diameter (mm)	60	60	80	100
Rated power (kW)	0.37	0.37	1.5	3
Weight (kg)	27	27	85	105
Length (m)	1.08	1.08	1.23	0.91
Width (m)	0.42	0.42	0.92	0.86
Height (m)	0.41	0.41	0.64	0.84
Supply	Electric 1	Electric 3	Electric 3	Electric 3

Electric 1:
230V 50 Hz
Electric 3:
400V 50 Hz

Accessories

The versatility and reliability of Flygt's self-priming pumps is further enhanced by a wide range of options and accessories designed to simplify installation and operation. Flygt doesn't just make pumps – it provides a complete solution or system to suit your needs.

These accessories include everything from hoses for both suction and discharge, pipes, strainers up to complete wellpoint systems including drills and jetting pumps. Contact your local Flygt authorized dealer for more information.



Wellpoint



Hoses with fitted strainer

Worldwide service network

With a network of suppliers and service centres distributed throughout more than 130 countries, Flygt can offer you the support and service you require.

The level of maintenance and support that you require from your local service partner will differ according to your situation. With Flygt you can choose the type of support package that meets your specific needs.

From simply supplying products to your specifications, to full service assistance with system planning, design, installation, operation and/or maintenance – Flygt's total service offering means that you get the service you need.

10-year spare part availability

We guarantee the availability of spare parts for a minimum of 10 years after we stop production of a pump model. Just one example of Flygt's long-term commitment to its customers.



Everything you need for reliable pumping solutions

As a leading supplier of fluid handling solutions, Flygt can supply everything you need to design, build and operate pump systems in a safe and cost-effective way.

Our products are used in water supply, wastewater treatment, sewage systems, mines, construction, process industries and numerous other applications.

Flygt is represented in over 130 countries and has more than 40 sales companies around the world.



www.flygt.com