



Lowara Product Guide

DOMESTIC PRESSURE PUMPS



BGM Series with CentriPro PC Automatic Pump Controller

Close-coupled self-priming centrifugal pumps with built-in injector system, designed to remain primed even in the presence of water-dissolved gases. The extensive use of pressed stainless steel ensures a high-performance, durable and lightweight pump.

Available in the "Garden" version with handle and terminal box with built in switch.

APPLICATIONS

- » Water distribution
- » Pressure boosting
- » Irrigation
- » Washing
- » Rain water collection
- » Fountains

SPECIFICATIONS

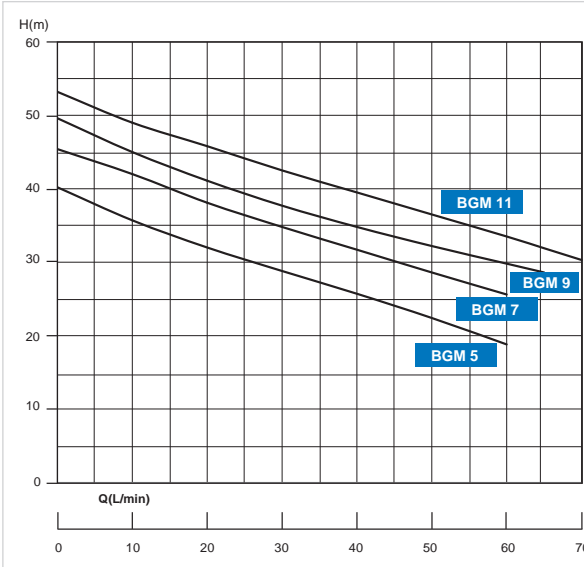
- » Delivery: up to 4.2m³/hr
- » Head: up to 53m
- » Power supply: Three phase and Single phase 50 and 60Hz
- » Power: 0.37kW to 1.1kW
- » Maximum operating pressure: 8 bar
- » Maximum total lift: 8m
- » Maximum ambient temperature: 40°C
- » Temperature of pumped liquid: -10°C to +40°C
- » Protection Class: IP 44
- » Insulation Class: F

MATERIALS

- » Pump body: Stainless steel
- » Impeller: Stainless steel
- » Diffuser: Technopolymer
- » Injector: Technopolymer
- » Seal housing: Stainless steel
- » Mechanical seal: Ceramic / Carbon / EPDM
- » Fill and drain plugs: Nickel-plated brass
- » Elastomer: EPDM

FEATURES

Compact and functional device incorporating an electronic circuit, a diaphragm and retaining spring board system integrated with delivery and pressure sensors. It is designed to replace traditional pressure switch control systems in domestic use. It offers the advantage of small overall dimensions, no routine maintenance is required and it also provides the pump with adequate protection against dry running.



PUMP TYPE	RATED POWER kW	1/min m³/hr	0	10	20	30	40	50	60	65	70
			0	0.6	1.2	1.8	2.4	3	3.6	3.9	4.2
BGM5 + WPC2.2	0.55	40.2	35.7	32	28.8	25.7	22.4	18.8			
BGM7 + WPC2.2	0.75	45.4		38.1	34.8	31.7	28.6	25.6			
BGM9 + WPC2.2	0.9	45.4		41	37.7	34.8	32.2	29.8	28.6		
BGM11 + WPC2.2	1.1	53.2		45.8	42.5	39.5	36.5	33.5	31.9	30.3	