

# PERMANENT MAGNET VARIABLE FREQUENCY CONSTANT PRESSURE CENTRIFUGAL PUMP

**BIOMEK**™  
WATER ENGINEERING & CHEMICAL



low noise



energy saving



Intelligent



No jam



Constant pressure



Wide voltage



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[www.biomek.co.za](http://www.biomek.co.za)

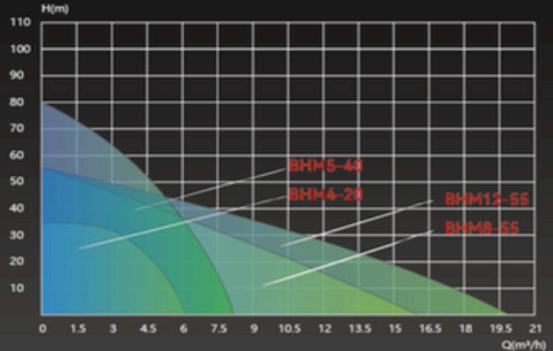
## BHM4-20 / BHM5-40 / BHM8-55 / BHM12-55

### SCOPE OF APPLICATION:

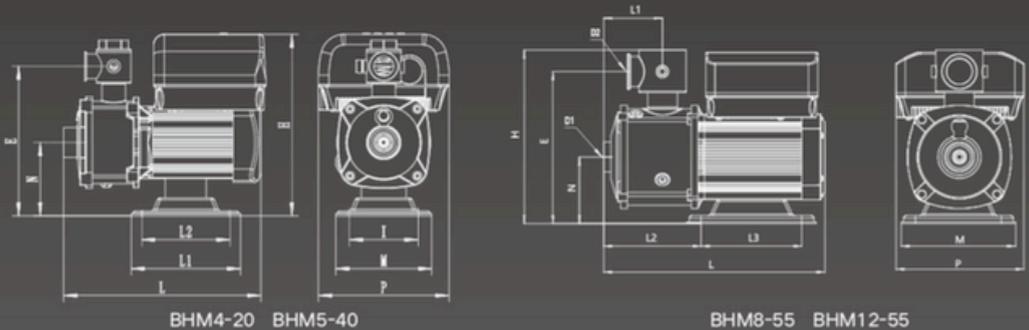
1. The water must be clean, the volume ratio of solid impurities shall not exceed 0.1%, and the particle size shall not exceed 0.2mm;
2. Liquid temperature: 0 °C < water temperature ≤ 80 °C;
3. Ambient temperature: 0 °C-40 °C;
4. Ph value of transmission medium: 6.5-8.5;
5. Relative humidity: max85%(rh).

The pump adopts permanent magnet brushless motor, which can save energy by more than 30%. Open the tap and you can use water immediately, no need of water tower and tank, it is very easy to set and operate. The products are with great style, follow the principle of simplification, which makes you feel at the top level of star hotels.

### PERFORMANCE CURVE:



### PRODUCT SIZE CHART:



Model	D1	D2	L	H	N	E	L1	L2	I	P	M	Weight(kg)
BHM4-20	1"	1"	303	277	112	116	76	119	104	198.5	146	10
BHM5-40	1 1/4"	1"	303	277	112	216	76	119	104	198.5	146	11
BHM8-55	1/2"	1/2"	117	267	103	170	176	387	305	223	200	21
BHM12-55	2"	2"	117	267	103	170	176	387	305	223	200	22

### MODEL PARAMETERS:

Model	Power Range (w)	Max.Head (m)	Rated.Head (m)	Max.Flow (m³/h)	Rated Flow (m³/h)	Speed (r/min)	Voltage (v)	Frequency (Hz)	Inlet/Outlet Size(" )
BHM4-20	100-750	35	20	6	4	4200	220 ± 20%	50/60	1" /1"
BHM5-40	100-1100	80	40	8	5	4200	220 ± 20%	50/60	1 1/4" /1"
BHM8-55	100-1500	55	32	16	8	4000	220 ± 20%	50/60	1 1/2" /1 1/2"
BHM12-55	400-2200	55	30	20	12	4200	220 ± 20%	50/60	2" /2"