

Clean Water

Horizontal Pumps

BGP-CTI Series



BGP-CTI Series

Twin Impeller Pump

Operating Condition

- Liquid temperature up to +35°C
- Ambient temperature up to +40°C
- Max. Working pressure 10bar
- Continuous duty

Electric Motor

- Two-pole induction motor, 60Hz (n = 3450rpm)
- Single phase 110V-220V
- Three phase 220V
- With thermal protector incorporated into the winding
- Insulation class F
- Protection IP44

Clean
waterCivil
useIndustrial
useDomestic
use

Material

- Pump body: Cast iron with an Electro Coating
- Impeller: Brass
- Support: Cast iron with an Electro Coating
- Motor case: Aluminum
- Shaft: Stainless steel AISI 304
- Mechanical seal: Carbon-Ceramic-NBR for pumps ≤ 1.5kW

Carbon/SiC/SS304 for pumps ≥ 2.2kW

Applications

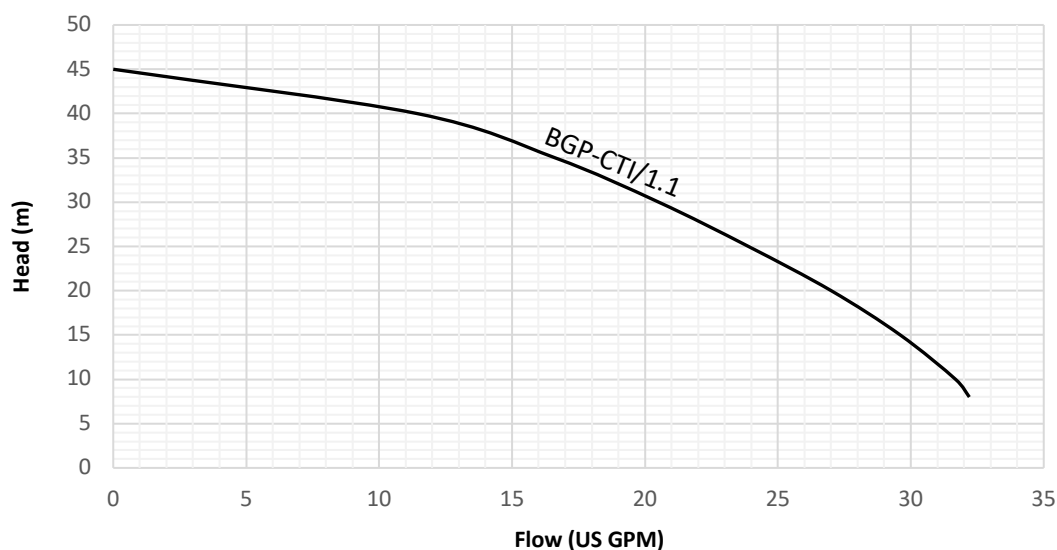
- For pumping clean liquids without abrasive particles, which are chemically nonaggressive to the pump materials.
- For water supply in domestic, civil and industrial applications.
- For pressure boosting and water circulation.
- For irrigation.
- The pump should be installed in an enclosed environment or sheltered from inclement weather.

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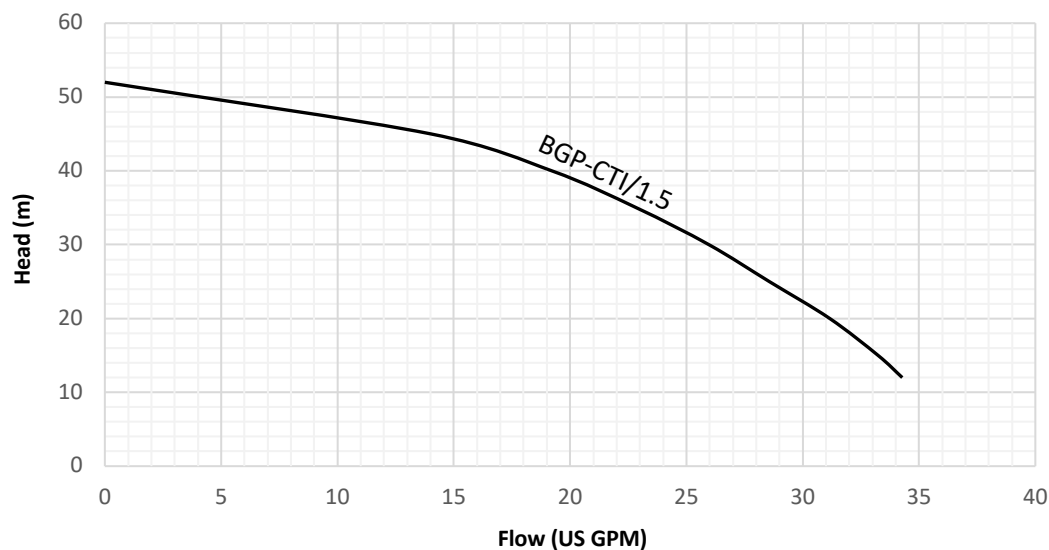
BGP-CTI Series

BGP-CTI/1.1 1PH/3PH Performance Curve



Model	Phase	In/Out (mm)	Power (HP)	Q.Max (US GPM)	H.Max (M)	Suct.max (m)
BGP-CTI/1.1	1PH/3PH	32x25	1.5	32	45	8

BGP-CTI/1.5 1PH/3PH Performance Curve



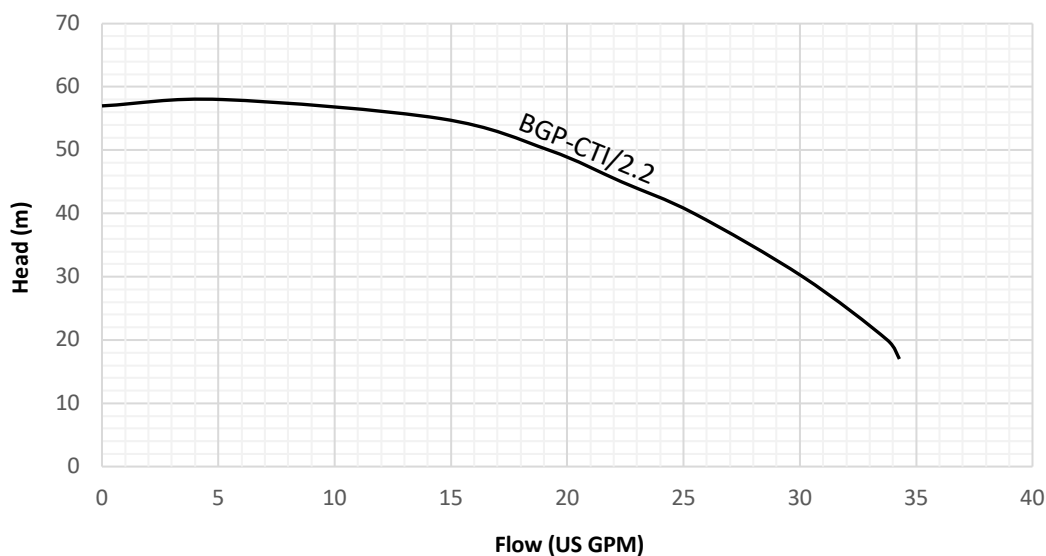
Model	Phase	In/Out (mm)	Power (HP)	Q.Max (US GPM)	H.Max (M)	Suct.max (m)
BGP-CTI/1.5	1PH/3PH	32x25	2	34	51	8

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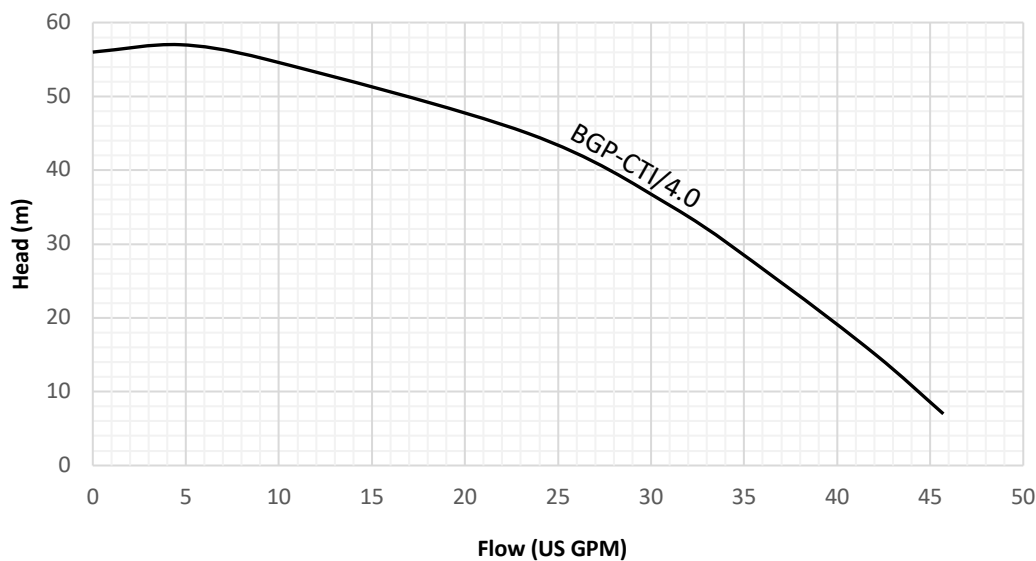
BGP-CTI Series

BGP-CTI/2.2 1PH/3PH Performance Curve

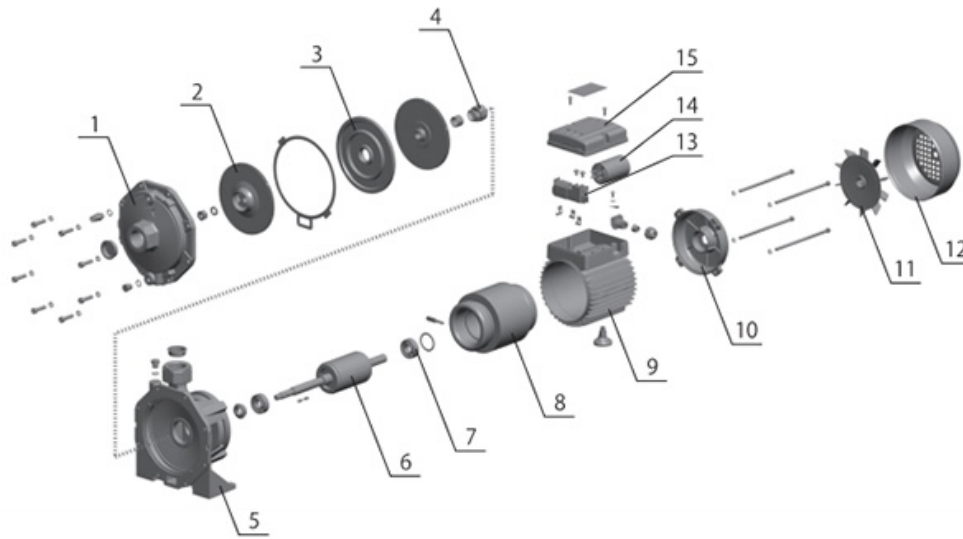


Model	Phase	In/Out (mm)	Power (HP)	Q.Max (US GPM)	H.Max (M)	Suct.max (m)
BGP-CTI/2.2	1PH/3PH	32x25	3	34	56	8

BGP-CTI/4.0 1PH Performance Curve



Model	Phase	In/Out (mm)	Power (HP)	Q.Max (US GPM)	H.Max (M)	Suct.max (m)
BGP-CTI/4.0	1PH	32x25	5.5	46	56	8

Clean Water**Horizontal Pumps****BGP-CTI Series****Exploded View**

1	Pump Body
2	Impeller
3	Baffle plate
4	Mechanical Seal
5	Support
6	Shaft and rotor
7	Bearing
8	Stator and winding
9	Motor Case
10	End cover
11	Fan
12	Fan Cover
13	Terminal block
14	Capacitor
15	Terminal box cover