



Submersible high head pump designed for AWTS and rainwater tanks. Fitted with Noryl impellers and stainless steel strainer.

Applications:

- Domestic pressure systems (with optional Press Control)
- Pumping Clean and pre-treated water.
- AWTS – Automated Water Treatment Systems pump out to dripper beds.
- De-watering of cellars, basements and garages.

Special features:

- Glass Filled Nylon pump body and Stainless Steel cover for strength and lightness.
- Easy grip, nylon carry handle.
- Triple seal system: Dual mechanical seal (Carbon ceramic) in oil bath and Oil Seal
- 3 Stage High Head pump with durable Noryl impellers.
- Elevated (88mm) suction intake with Algae-proof slotted strainer.

- 10m Power lead and automatic Float Switch.
- All cables to H07RNF standard.
- 240V Single Phase , 0.55kW
- Built in auto-resetting thermal overloads

Benefits:

- Strainer design improves water flow and prevents blockage from algae growth.
- Elevated intake draws oxygenated water from higher in tank and avoids sludge layer.
- Leads to improved water quality with lower algae and anaerobic matter for better smelling water and cleaner clothes washing.
- Quality pump materials assist with longer pump life while still being light to lift and lower.
- High Head pump with low energy usage

Designed for AWTS

Liquid:		Electrical data:	
Clean water temperature range	2 – 35 °C	Rated voltage	240V
Materials:		Mains frequency	50 Hz
Pump body	Glass filled nylon	Rated output	550W
Strainer	304 SS	Current	3.4 amps
Impeller	Glass filled nylon	Capacitor	18 µF
Shaft	Stainless Steel 410	Motor duty	Continuous
Shaft seal	Triple seal system: Dual mechanical seal (Carbon ceramic) in oil bath and Oil Seal	Motor type	Asynchronous
Installation:		Motor protection	Built-in thermal overload
Maximum ambient temperature	40 °C	Ingress protection	IP 68
Pipe connections discharge	1" BSPF	Insulation class	B
		Power cable length	10 m H07RNF
		Net weight	12 kg
		Dimensions (Pump)	225L x 163W x 490H (mm)



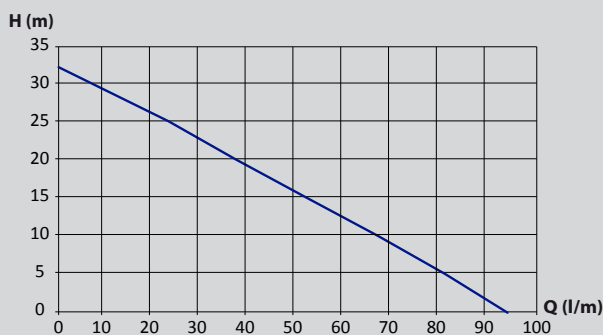
BIA-B42AC

Submersible Pressure System

Ideal for domestic water supply

MPCX model includes SK13BA prewired and mounted on a stainless steel wall bracket. Complete with cover.

Performance Curve



BIA-B42AC



BIA-B42ACMPCX

MPCX Bracket



Model	Item Code	Description
BIA-B42AC	805140	0.55kW, 0.75hp, 240V, max head 32m, max flow 94L/m, discharge outlet size 1", solids up to 3mm, 10 taps
BIA-B42ACMPCX	805663	