

# PRODUCT DATA SHEET

BIA B42A • 711924



BRAND

**BIANCO  
PUMPZ**

## PRODUCT DETAILS

The Bianco B42A is a 'High Head' multi-impeller submersible type pump suitable for supplying pressurised water from tanks.

Designed for use with any clear (clean and pre-treated) water the B42 pump family are best known for their reliability and performance when delivering treated wastewater to pressure compensating dripper beds

## BENEFITS

- Slotted stainless steel strainer inhibits algal blockage
- Elevated (85mm) intake to avoid sludge layer
- Light weight - easy to lift and lower
- Great energy efficiency for reduced running costs
- Drinking water
- General hobby activity

## FEATURES

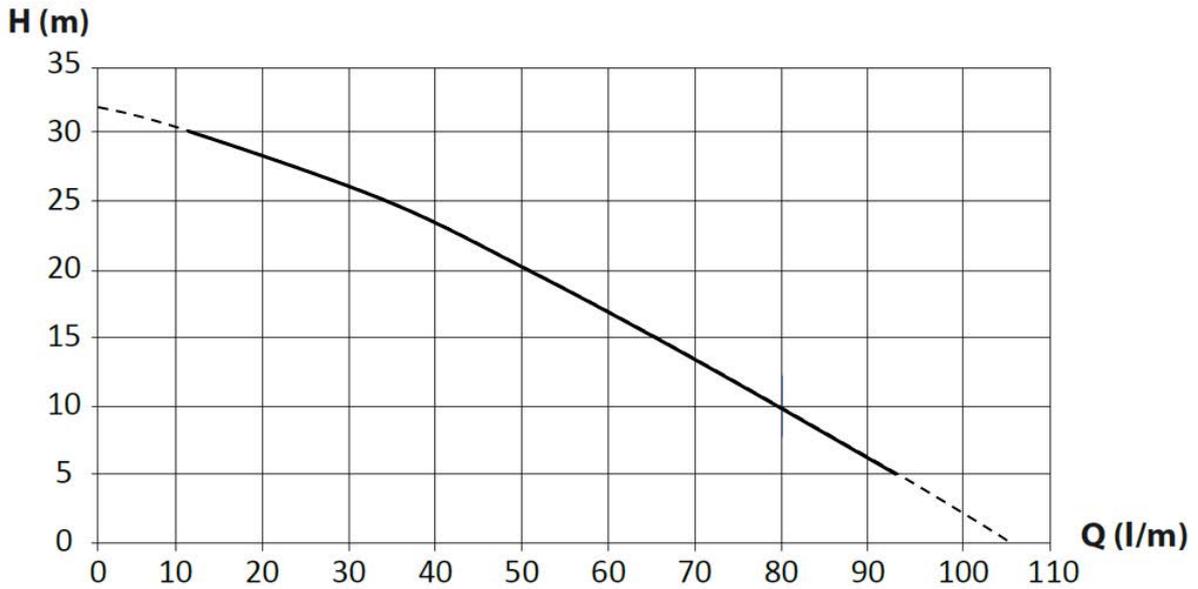
- Quality pump materials and construction to ensure reliable operation
- 5 star energy rating
- Dual mechanical seals (Carbon/Ceramic pump side, Silicon Carbide / Ceramic motor side) in an oil bath.
- 10m H07RN-F Neoprene power lead and float lead
- Automatic on/off
- Easy to install and use

## TECHNICAL DATA

<b>RATED POWER (W)</b>	550W
<b>MAX. FLOW [LPM]</b>	105 lpm
<b>RATED FLOW [M3/H]</b>	1 m3/h
<b>MAX. HEAD [M]</b>	32m
<b>WORKING TEMPERATURE</b>	< 40°C
<b>LIQUID TEMPERATURE</b>	2°C - 35°C
<b>MAX. IMMERSION DEPTH</b>	12m
<b>MAX. DIA. OF PARTICLE</b>	< 2mm
<b>MOTOR DUTY</b>	Continuous
<b>MOTOR PROTECTION LEVEL</b>	Class F
<b>MOTOR PROTECTION</b>	In-built auto re-setting thermal overload
<b>CAPACITOR</b>	20 uF
<b>MOTOR SHAFT</b>	Stainless Steel 410

<b>RATED VOLTAGE</b>	220V-240V 50 Hz
<b>RATED CURRENT</b>	4.0A @ 230V
<b>POWER CABLE TYPE</b>	H07RN-F
<b>LENGTH OF POWER CABLE</b>	10m
<b>PROTECTION CLASS</b>	IP68
<b>IMPELLERS</b>	3 of Noryl
<b>HYDRAULIC BODY</b>	Glass filled Nylon
<b>INLET STRAINER</b>	Yes - slotted and elevated
<b>OUTLET</b>	1" BSPF
<b>MECHANICAL SEALS</b>	Carbon/Ceramic pump side.Silicon Carbide/ceramic motor side
<b>AUTOMATION FUNCTION</b>	Flexible Float Switch
<b>NET WEIGHT (KG)</b>	Pump only 12.0kg
<b>PACKAGE DIMENSION</b>	200Lx260Wx550H (mm)

## HYDRAULIC PERFORMANCE



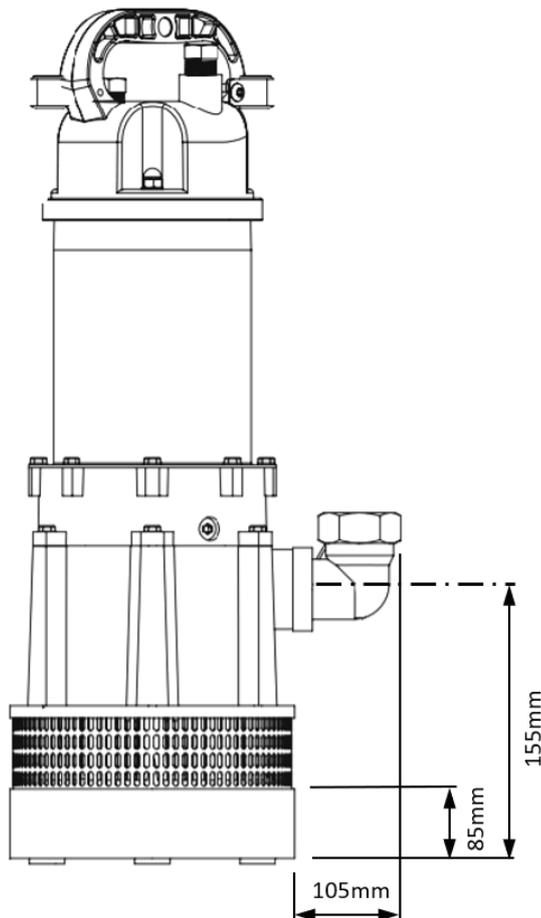
## DIMENSIONS

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470 mm high

### BASE DIAMETER

165 mm



## WARRANTY / CERTIFICATIONS

