

PRODUCT PROFILE

BIANCO CAST IRON CENTRIFUGAL PUMP BIA-FC75M - 802805





W (mm) H (mm) W1 (mm) H1 (mm) DN₂ L (mm) L1 (mm) 1" 1" 298 190 240 44 160 100

The pump is a horizontal single stage cast iron centrifugal pump supplied wired and ready to install. Used especially for water transfer.

The pump is characterised by:

- *Corrosion resistant cast iron pump body with cataphoresis 1 treatment, aluminium pump support and 304 stainless steel impeller and shaft.
- Mechanical shaft seal.
- 240V single phase TEFC motor with in-built auto reset thermal overload.
- Motor support foot.

Applications:

- Suitable for industrial wash down, water transfer and tank filling.
- Suitable for fire fighting, HVAC, circulation and pressure boosting.

1 Cataphoresis is an electrochemical coating process for metallic surfaces widely used in the industry due to its penetration and long life, either as a priming coat or finished paint for corrosion resistance.

Electrical data:

Liquid Type: Clean Water Clean water temperature range: 2 - 60°C

Materials:

Liquid:

Pump Body: Cast Iron HT200 Impeller: Stainless Steel 304

O rings: Nitrile

Power Cable: 2m cable H07 3G1.0

Installation:

Maximum ambient temperature: 40°C Maximum operating pressure: 8 bar

Pipe connections suction/discharge: 1"BSPF / 1"BSPF

Rated voltage: 220V-6% - 240V+6%

Mains frequency: 50Hz P2(kW): 0.75 (Shaft Power)

Current: 5.5 amps Capacitor: 20 uF

Motor duty: Continuous Motor type: Asynchronous, TEFC

Motor protection: In-built

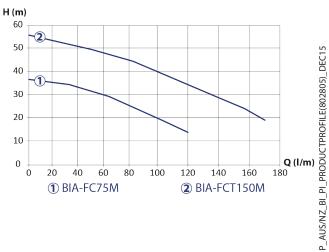
thermal overload Ingress protection: IP X4

Insulation class: F **Hydraulic Data:**

Max Head: 37m Max Flow: 119 I/min

Package Information:

- 13.4 kg
- L 333mm x W 215mm x H 260mm









PRODUCT PROFILE

CAST IRON CENTRIFUGAL PUMP BIA-FC150M - 802806





The pump is a horizontal single stage cast iron centrifugal pump supplied wired and ready to install. Used especially for water transfer.

The pump is characterised by:

- Corrosion resistant cast iron pump body and bracket cover with cataphoresis! treatment, aluminium pump support and 304 stainless steel impeller and shaft.
- Mechanical shaft seal.
- 240V single phase TEFC motor with in-built auto reset thermal overload.
- Motor support foot.

Applications:

Suitable for industrial wash down, water transfer and tank filling. Suitable for fire fighting, HVAC, circulation and pressure boosting.

I. Cataphoresis is an electrochemical coating process for metallic surfaces widely used in the industry due to its penetration and long life, either as a priming coat or finished paint for corrosion resistance.

Package Information:

- 20.7 kg
- L 415mm xW 225mm x H 285mm

Liquid:

Liquid Type: Clean Water

Clean water temperature range: 2 - 60°C

Materials:

Pump Body: Cast Iron HT200 Impeller: Stainless Steel 304

O rings: Nitrile

Power Cable: 2m cable H07 3G1.0

Installation:

Maximum ambient temperature: 40°C Maximum operating pressure: 8 bar

Pipe connections suction/discharge: 2" BSPF / 2" BSPF

Electrical data:

Rated voltage: 220V(-6%) - 240V(+6%)

Mains frequency: 50Hz P2(kW): I.5 (Shaft Power) Current: 10 amps Capacitor: 40 uF

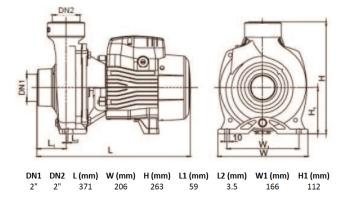
Motor duty: Continuous Motor type: Asynchronous, TEFC

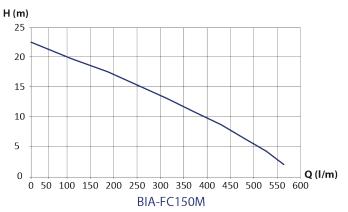
Motor protection: In-built thermal overload

Ingress protection: IP X4 Insulation class: F

Hydraulic Data:

Max Head: 22.5m Max Flow: 559 I/min











PRODUCT PROFILE CAST IRON CENTRIFUGAL PUMP BIA-FCT | 50M - 8028 | 6





The pump is a horizontal twin stage cast iron centrifugal pump supplied wired and ready to install. Used especially for water transfer.

The pump is characterised by:

- Corrosion resistant cast iron pump body, bracket cover and support with cataphoresis¹ treatment, and 304 stainless steel impeller and shaft.
- Mechanical shaft seal Carbon/Ceramic
- 240V single phase TEFC motor with in-built auto reset thermal overload.
- Motor support foot.

Applications:

Suitable for industrial wash down, water transfer and tank filling. Suitable for fire fighting, HVAC, circulation and pressure boosting.

(1) Cataphoresis is an electrochemical coating process for metallic surfaces widely used in the industry due to its penetration and long life, either as a priming coat or finished paint for corrosion resistance.

Liquid:

Liquid Type: Clean Water

Clean water temperature range: 2 - 60°C

Materials:

Pump Body: Cast Iron HT200 Impeller: Stainless Steel 304

O rings: Nitrile

Power Cable: 2m cable H07 3GI.0

Installation:

Maximum ambient temperature: 40°C Maximum operating pressure: 8 bar Pipe connections suction/discharge:

1½"BSPF / 1"BSPF

Electrical data:

Rated voltage: 220V(-6%) - 240V(+6%)

Mains frequency: 50Hz P2(kW): 1.5 (Shaft Power) Current: 11.5 amps Capacitor: 40 uF Motor duty: Continuous

Motor type: Asynchronous, TEFC Motor Protection: In-built thermal

overload

Ingress protection: IP X4
Insulation class: F

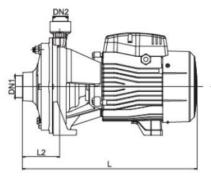
Hydraulic Data:

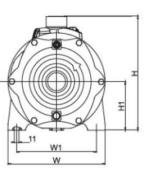
Max Head: <u>56</u>m Max Flow: <u>170</u> l/min

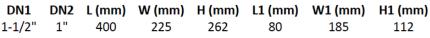
Package Information:

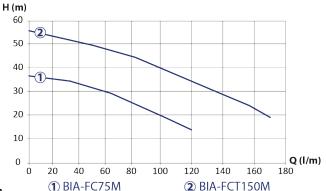
• <u>21</u> kg

L 445mm x W 255mm x H 300mm













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