SIP Industrial Products Limited Gelders Hall Road Shepshed Loughborough Leicestershire LE12 9NH

United Kingdom

Submersible Water Pumps



Tel.: 01509 500400 Email:

directly on:

sales@sip-group.com or customerservice@sip-group.com

For help or advice please contact your distributor, or SIP

www.sip-group.com

06865 06889 06888 06825 06897



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SAFETY INSTRUCTIONS



Danger / Caution: This picture indicates risk of personal injury and/ or the possibility of damage.



Warning: This picture indicates risk of electrical injury or damage!



Note: This picture indicates supplementary information.



Important: Please read the following instructions carefully, failure to do so could lead to serious personal injury and / or damage to the item.

When using the water pump, basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury.

Read all these instructions before operating the water pump and save this user manual for future reference.

The water pump should not be modified or used for any application other than that for which it was designed.

It was designed for pumping rain water, domestic waste water and to remove water from flooded rooms in emergency conditions.

It was not designed for permanent installation in a domestic or commercial pond. If you are unsure of its relative applications do not hesitate to contact us and we will be more than happy to advise you.

General Safety Instructions

- KNOW YOUR WATER PUMP: Read and understand the owner's manual and labels
 affixed to the water pump. Learn its applications and limitations, as well as the
 potential hazards specific to it.
- KEEP CHILDREN AND UNTRAINED PERSONNEL AWAY FROM THE WORK AREA: All
 visitors should be kept at a safe distance from the work area.
- STORE THE WATER PUMP SAFELY WHEN NOT IN USE: The water pump should be stored in a dry, frost free location and disconnected from the mains supply, and

SAFETY INSTRUCTIONS

- out of the reach of children.
- WEAR THE CORRECT CLOTHING: Do not wear loose clothing, neckties, rings, bracelets, or other jewellery, which may get caught in moving parts.
- PROTECT YOURSELF FROM ELECTRIC SHOCK: When working with the water pump, avoid contact with any earthed items (e.g. pipes, radiators, hobs and refrigerators, etc.). It is advisable wherever possible to use an RCD (residual current device) at the mains socket.
- STAY ALERT: Always watch what you are doing and use common sense. Do not
 operate the water pump when you are tired or under the influence of alcohol or
 drugs.
- DISCONNECT THE WATER PUMP FROM THE MAINS SUPPLY: When not in use, before servicing and when changing hoses, etc.
- DO NOT ABUSE THE MAINS LEAD: Never attempt to move the water pump by the mains lead or pull it to remove the plug from the mains socket. Keep the mains lead away from heat, oil and sharp edges. If the mains lead is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid unwanted hazards.
- CHECK FOR DAMAGED PARTS: Before every use of the water pump, check
 for any damage and determine that it will operate correctly and perform its
 intended function. Check for alignment of moving parts, free running of moving
 parts, breakage of parts, and any other conditions that may affect its operation.
 Any parts that are damaged should be correctly repaired or replaced by an
 authorised service centre unless otherwise indicated in this instruction manual.
 Have defective items replaced by an authorised service agent. Do not use the
 water pump if the mains lead is split or the casing is damaged.
- MAINTAIN THE WATER PUMP WITH CARE: Keep the impeller clean for the best and safest performance. The mains lead must be checked at regular intervals and replaced if damaged.
- USE ONLY RECOMMENDED ACCESSORIES: Consult this user manual, your distributor or SIP directly for recommended accessories. Follow the instructions that accompany the accessories. The use of improper accessories may cause hazards and could invalidate any warranty you may have.
- DO NOT OVERREACH: Keep proper footing and balance at all times.
- USE THE RIGHT TOOL: Do not use the water pump to do a job for which it was not designed.
- HAVE YOUR WATER PUMP REPAIRED BY A QUALIFIED PERSON: The pump is in accordance with the relevant safety requirements. Repairs should only be carried out by qualified persons using original spare parts, otherwise this may result in considerable danger to the user.
- DO NOT dismantle, tamper with or use the water pump without all parts fitted and all pipes secure as this may be dangerous and could invalidate the warranty.

SAFETY INSTRUCTIONS

- When installing, please ensure your SIP water pump is disconnected from the electrical supply to prevent possible injury to people and / or damage due to unwanted start up.
- Avoid inserting hands or other objects into the inlet / outlet of the pump whilst it
 is connected to the mains supply.
- Always check the pump regularly, and take it out of service if the water is likely to freeze.
- When not in use, always ensure that the pump is fully drained of any water and stored in a warm environment to protect it from frost damage.
- Never allow the pump to run without water flowing through it.
- The pump should not be used where aquatic life is present such as in a domestic, or commercial pond, or similar.
- Always rinse the pump with clean water and fully drain after each use.
- Never carry the water pump by the mains lead or pull it to remove the plug from the mains socket.
- Keep the mains lead away from heat, oil and sharp edges.
- If the mains lead is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid unwanted hazards.
- Never use flammable or corrosive liquids to clean the water pump.
- Never use the water pump to pump anything other than water, it should not be used to pump flammable, corrosive or other potentially damaging or dangerous liquids. The ambient temperature should be no less than 0°C - Never operate where the water is likely to freeze.
- If the water pump is used in a place of work all rules and laws etc. relating to the use of portable electrical appliances should be followed.
- Understand the operating environment; Before each use the operator should assess, understand and where possible reduce the specific risks and dangers associated with the operating environment. Bystanders should also be made aware of any risks associated with the operating environment.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, un-less they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.

ELECTRICAL CONNECTIONS



WARNING: Read these electrical safety instructions thoroughly before connecting the product to the mains supply.

Connect the mains lead to a standard, 230 Volt (50Hz) electrical supply through an approved 13 amp plug, or a suitably fused isolator switch.

If the plug has to be changed because it is not suitable for your socket, or because of damage, it must be removed and a replacement fitted, following the wiring instructions shown below. The old plug must be discarded safely, as insertion into a power socket could cause an electrical hazard.



WARNING: The wires in the power cable of this product are coloured in accordance with the following code:

Blue = neutral / Brown = live / Yellow and Green = earth

If the colours of the wires in the power cable do not agree with the markings on the plug:

- The BLUE wire must be connected to the terminal which is marked N or coloured black.
- The BROWN wire must be connected to the terminal which is marked L or coloured red.



We strongly recommend that this machine is connected to the mains supply through a Residual Current Device (RCD).

If you are not sure, consult a qualified electrician. DO NOT try to do any repairs.

ELECTRICAL CONNECTIONS



NOTE: Always make sure the mains supply is of the correct voltage and the correct fuse protection is used. In the event of replacing the fuse always replace the fuse with the same value as the original.



NOTE: You must check and inspect all electrical products, before use, to ensure that they are safe.



WARNING: Improper use of extension leads may cause inefficient operation of the item which can result in overheating and motor damage.

Use of Extension Leads and Connections

- Avoid the use of loose and inadequately insulated connections.
- Connections must be made with protected material suitable for outdoor use.
- Make sure that any extension lead connections are dry and safe.
- Ensure that the extension lead is carefully laid out avoiding liquids, sharp edges and places where vehicles might run over it.
- Avoid allowing the extension lead to be trapped underneath the item.
- Unwind it fully or it will overheat and could catch fire.

GUARANTEE

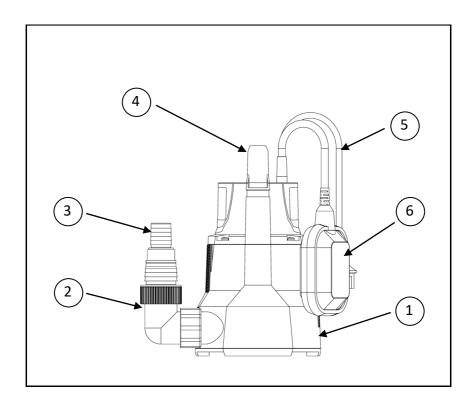
This item is covered by a 24 month parts and labour warranty covering failure due to manufacturers defects. This does not cover failure due to misuse or operating the item outside the scope of this manual - any claims deemed to be outside the scope of the warranty may be subject to charges Including, but not limited to parts, labour and carriage costs, failure to regularly clean your item will shorten its working life and reduce performance.

Consumable items such as hose adaptors and impellers are not covered by the warranty.



NOTE: Proof of purchase will be required before any warranty can be honoured.

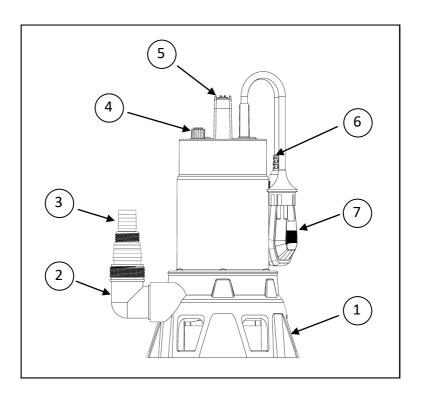
YOUR ITEM



Item	Description	Item	Description
1	Base	4	Handle
2	Elbow	5	Mains Lead
3	Hose Adaptor	6	Float Switch

TECHNICAL SPECIFICATION

Model No.	06865	06889	06888	
Input Voltage	230v ~ 50hz			
Power	400W 550W 750		750W	
Flow Rate	150l/min 200l/min 23		233l/min	
Outlet Diameter	25mm Ø - 40mm Ø & 1" BSP			
Max. Pumping Head	6m	7m	8m	
Max. Operating Depth	7m			
Max. Particle	5mm 35mm 35mm		35mm	
Max. Water Temperature	35°C			
Body type	Plastic			
Pump Type	Clean water	Dirty Water	Dirty Water	
Cable Length	10m	10m	10m	
Protection	IPX8			
Net Weight	3.5kg 4.4kg 4.8kg		4.8kg	



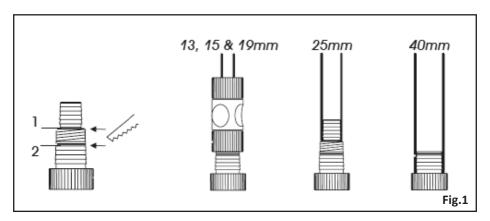
Item	Description	Item	Description
1	Base	5	Handle
2	Elbow	6	Mains Lead
3	Hose Adaptor	7	Float Switch
4	Air Test Port		

TECHNICAL SPECIFICATION

Model No.	06825	06897
Input Voltage	230v ~ 50hz	
Power	750W	1000W
Flow Rate	275l/min	300l/min
Outlet Diameter	25mm Ø - 40mm Ø & 1" BSP	
Max. Pumping Head	8m	9m
Max. Operating Depth	7m	
Max. Particle	35mm	
Max. Water Temperature	35°C	
Body type	Stainless steel	
Pump Type	Dirty Water	
Cable Length	10m	
Protection	IPX8	
Net Weight	6.37kg	6.71kg

ATTACHING THE HOSE

Choose the correct hose adaptor size to match your hose (diagram below). Fig.1



13, 15 & 19MM HOSE

- Remove the topmost section from the hose adaptor (1).
- Screw a 1" bsp female tap adaptor onto the hose adaptor.
- Fit an equivalent hose connector to the hose.
- Connect the hose connector to the tap adaptor.

25MM HOSE

- Push a hose of 25mm onto the hose adaptor without cutting anything.
- Tighten the hose with a pipe clip or similar, where necessary.

40MM HOSE

- Remove the top two sections from the hose adaptor (2).
- Push a hose of 40mm onto the hose adaptor.
- Tighten the hose with a pipe clip or similar, where necessary.



NOTE: Pipe clips, hose connectors & tap adaptors are not supplied.

SPECIFIC CONDITIONS OF USE

- This range of submersible water pumps can be used to drain rain water, domestic
 waste water and to remove water from flooded rooms in emergency conditions.
 The pump can be used to transfer clean or moderately dirty fluids (depending on
 the model).
- These submersible pumps are designed to be used in the following applications:
 Draining of cisterns, rainwater reservoirs, wells, ponds, storm drains, flooded cellars, boats and yachts etc.
- They are only for use with water and not chemicals or other substances that could damage the internal seals etc.
- The pump cannot be used for sea water or flammable, corrosive, explosive or dangerous liquids.
- They should not be used where aquatic life is present such as in domestic, or commercial ponds, or similar.
- The duty cycle for these pumps is 60 minutes on followed by at least 10 minutes of rest.



Other use than that specified is not permitted.

CONTENTS & ACCESSORIES

- Water Pump
- Instruction Manual
- Elbow
- Hose Adaptor

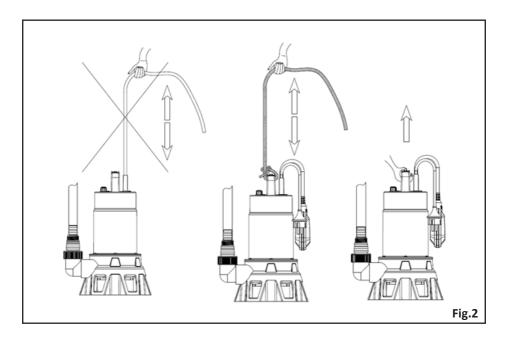


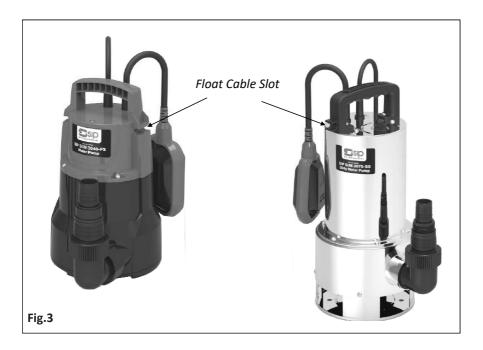
NOTE: If any parts are missing, please contact SIP Customer Service: customerservice@sip-group.com

INSTALLING THE PUMP

When installing, please ensure your submersible pump is disconnected from the electrical supply to prevent possible injury to people and / or damage due to unwanted start up.

- Screw the hose adaptor onto the elbow, then screw it into the side of the water pump.
- Push your hose onto the hose adaptor.
- Secure using a relevant pipe clip or similar (pipe clip not supplied).
- Lower the pump into the water, use rope or similar around the handle to lower it into position (where required). Do not use the mains lead or float switch cable. Fig.2
- You may need to shorten the length of the float switch in order to control the depth of which it cuts power to the pump. Fig.3
- Once the water pump is in position, connect to a power supply and switch on.
 After a few moments, the pump should start to pump the water; if the water is too low it will not pump until the water has risen high enough to engage the float switch.







NOTE: You may need to shake the float switch if the pump has not been use for a long period or when it is used for the first time.

MAINTENANCE



Danger / Caution: Prior to any adjustment, maintenance or service work. Switch off the machine and disconnect the mains power plug!

The pump is mainly maintenance free as long as the pump is drained and cleaned after each use; You may need, from time to time to clear the impeller of any unwanted waste / debris.

Never use flammable or corrosive liquids to clean the water pump. Always keep the motor free from contamination.

CLEANING THE INTERNAL SYSTEM

- Unscrew the retaining screws and remove the base plate (if applicable).
- Unscrew the retaining screws and remove the base.
- Rinse with clean water to remove debris.
- Refit the base and O-ring and secure with the retaining screws.
- Clean and store the pump in a dry and frost free place after each use, the ambient temperature should be no less than 0°C.



NOTE: Make a mark on the base and the pump body to ensure that they are refitted in the correct orientation.



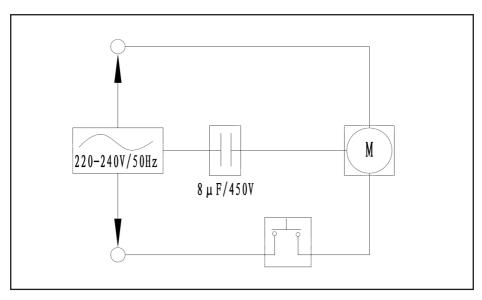
NOTE: Take care when removing the base so as not to lose or damage the seals; Ensure they are fitted correctly when refitting the base.

TROUBLESHOOTING

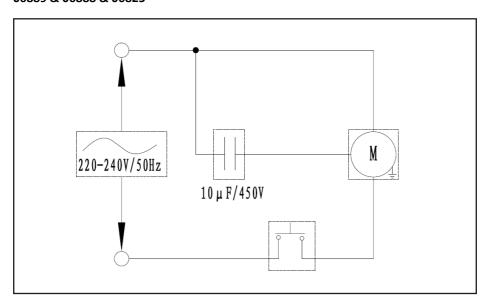
Fault	Possible Cause	Remedy
1. The pump works but it does not deliver water.	A. The suction grid is clogged. B. The impeller is clogged or damaged. C. The required head is higher than the pump characteristic.	A. Clean the filter. B. Remove the blocks.
2. The pump does not start or shut down according to the change of water level.	The float switch can't swing freely.	Make sure that the float switch swings freely, and adjust the length of the cable by the cable groove.
3. The flow rate is inadequate.	A. The suction grid is clogged. B. The impeller or the discharging tube is clogged.	Clean the block.
4. The pump stops with the float switch on after working for a short time.	The pump stops automatically for the thermal protector turned on.	Check whether is the temperature or the density of the liquid too high to overheat the electrical motor.
5. The pump does not work.	A. Check the float switch swings freely. B. Check the connection of power plug and socket is well.	Make sure that the float switch swings freely, and adjust the length of the cable by the cable groove.

WIRING DIAGRAM

06865

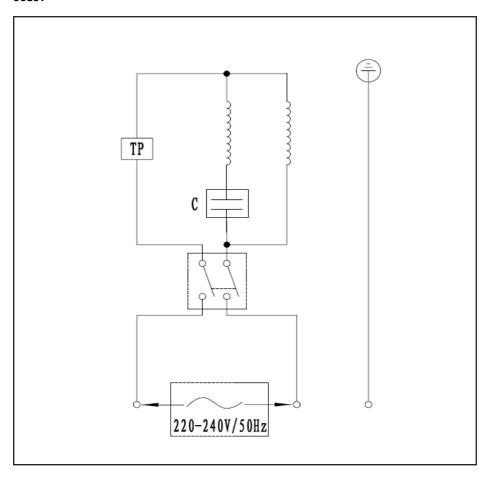


06889 & 06888 & 06825



WIRING DIAGRAM

06897



EXPLODED DRAWING & PARTS LIST

*For full Exploded Drawing, Parts List & Wiring Diagram contact:

- https://www.sip-group.com/
- SIP Customer Service: 01509 500400
- Email: customerservice@sip-group.com

NOTES

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SIP (Industrial Products) Ltd Gelders Hall Road Leicestershire Loughborough Shepshed **LE12 9NH**

England

SIP Sub 3040-FS Submersible Water Pump - Part No. 06865 As the manufacturer within the UK, England, Scotland & Wales, declare that the

Conforms to the requirements of the following regulation(s), as

indicated.

Supply of Machinery (Safety) Regulations 2008 Regulations 2012 Electromagnetic Compatibility Regulations 2016 Substances in Electrical and Electronic Equipment The Restriction of the Use of Certain Hazardous Electrical Equipment (Safety) Regulations 2016

including And the relevant harmonised standard(s),

BS EN 61000-3-3:2013 BS EN IEC 61000-3-2:2019 BS EN 61000-3-2:2014 BS EN 55014-2:2015 BS EN 55014-2:1997+A1+A2 BS EN 55014-1:2017

BS EN 62233:2008 BS EN 60335-2-41:2003+A2 BS EN 60335-1:2012+A2 BS EN 61000-3-3:2013+A1 BS EN ISO 12100:2010

Date: 14/06/2022

Signed:

Signed:

Mr P. Ippaso - Managing Director - SIP (Industrial Products) Ltd

Declaration of Conformity

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ASM Chartered Accountants SIP (Machinery Europe) Ltd Quayside Business Park First Floor Block One Dundalk

As the manufacturer's authorised representative within the EC declare that the

Republic of Ireland

County Louth

Conforms to the requirements of the following directive(s), as SIP Sub 3040-FS Submersible Water Pump - Part No. 06865

2014/35/EU - Low Voltage Directive

2006/42/EC - Machinery Directive 2011/65/EU - RoHS Directive 2014/30/EU - EMC Directive

And the relevant harmonised standard(s), including

EN ISO 12100:2010 EN IEC 55014-1:2021 EN 62233:2008 EN 60335-2-41:2003+A1+A2 EN IEC 55014-2:2021 EN 60335-1:2012+A11+A13+A1+A14+A2

EN IEC 61000-3-2:2019+A1

EN 61000-3-3:2013+A1

Date: 14/06/2022 Mr P. Ippaso - Managing Director - SIP (Industrial Products) Ltd



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SIP (Industrial Products) Ltd Gelders Hall Road Loughborough Leicestershire **LE12 9NH** Shepshed England

As the manufacturer within the UK, England, Scotland & Wales declare that the

SIP Sub 3075-FS Submersible Water Pump - Part No. 06888

Conforms to the requirements of the following regulation(s), as Substances in Electrical and Electronic Equipment Electromagnetic Compatibility Regulations 2016 Electrical Equipment (Safety) Regulations 2016 The Restriction of the Use of Certain Hazardous

including And the relevant harmonised standard(s), Supply of Machinery (Safety) Regulations 2008

Regulations 2012

BS EN 60335-1:2012+A2 BS EN 61000-3-3:2013+A1 BS EN 61000-3-3:2013 BS EN IEC 61000-3-2:2019 BS EN 61000-3-2:2014 BS EN 55014-2:2015 BS EN 55014-2:1997+A1+A2 BS EN 55014-1:2017+A11

BS EN ISO 12100:2010 BS EN 62233:2008 BS EN 60335-2-41:2003+A2

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Declaration of Conformity

ASM Chartered Accountants SIP (Machinery Europe) Ltd Quayside Business Park First Floor Block One County Louth Dundalk

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Republic of Ireland

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2011/65/EU - RoHS Directive 2014/30/EU - EMC Directive 2014/35/EU - Low Voltage Directive

2006/42/EC - Machinery Directive

And the relevant harmonised standard(s), including

EN 55014-2:2015 EN ISO 12100: 2010 EN 61000-3-3:2013+A1 EN IEC 61000-3-2:2019 EN 55014-1:2017+A11 EN 62233:2008 EN 60335-2-41:2003+A1+A2 EN 60335-1:2012+A11+A13+A1+A14+A2

Mr P. Ippaso - Managing Director - SIP (Industrial Products) Ltd Date: 14/06/2022



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SIP (Industrial Products) Ltd Gelders Hall Road Loughborough Leicestershire Shepshed **LE12 9NH** England

As the manufacturer within the UK, England, Scotland & Wales declare that the

SIP Sub 3075-SS Submersible Water Pump - Part No. 06825 Conforms to the requirements of the following regulation(s), as

Substances in Electrical and Electronic Equipment Supply of Machinery (Safety) Regulations 2008 Electromagnetic Compatibility Regulations 2016 The Restriction of the Use of Certain Hazardous Electrical Equipment (Safety) Regulations 2016

And the relevant harmonised standard(s), including

BS EN 60335-2-41:2003+A2 BS EN 60335-1:2012+A2 BS EN 61000-3-3:2013+A1 BS EN 61000-3-3:2013 BS EN IEC 61000-3-2:2019 BS EN 61000-3-2:2014 BS EN 55014-2:1997+A1+A2 BS EN 55014-1:2017+A11 BS EN 55014-2:2015

BS EN 62233:2008

BS EN ISO 12100:2010

Declaration of Conformity

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ASM Chartered Accountants SIP (Machinery Europe) Ltd Quayside Business Park First Floor Block One

As the manufacturer's authorised representative within the EC declare that the

Republic of Ireland

County Louth Dundalk

Conforms to the requirements of the following directive(s), as SIP Sub 3075-SS Submersible Water Pump - Part No. 06825

2011/65/EU - RoHS Directive 2014/30/EU - EMC Directive 2014/35/EU - Low Voltage Directive

2006/42/EC - Machinery Directive

And the relevant harmonised standard(s), including

EN IEC 61000-3-2:2019 EN 55014-2:2015 EN 55014-1:2017+A11 EN ISO 12100: 2010 EN 62233:2008 EN 60335-2-41:2003+A1+A2 EN 60335-1:2012+A11+A13+A1+A14+A2

EN 61000-3-3:2013+A1

Date: 14/06/2022

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Date: 14/06/2022 Mr P. Ippaso - Managing Director - SIP (Industrial Products) Ltd



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SIP (Industrial Products) Ltd Gelders Hall Road Loughborough Leicestershire Shepshed **LE12 9NH**

As the manufacturer within the UK, England, Scotland & Wales, declare that the

England

SIP Sub 3010-SS Submersible Water Pump - Part No. 06897 Conforms to the requirements of the following regulation(s), as

indicated.

Electromagnetic Compatibility Regulations 2016 Supply of Machinery (Safety) Regulations 2008 Regulations 2012 Substances in Electrical and Electronic Equipment The Restriction of the Use of Certain Hazardous Electrical Equipment (Safety) Regulations 2016

And the relevant harmonised standard(s), including

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BS EN ISO 12100:2010

Declaration of Conformity

ASM Chartered Accountants SIP (Machinery Europe) Ltd Quayside Business Park First Floor Block One County Louth Dundalk

As the manufacturer's authorised representative within the EC declare that the

Republic of Ireland

Conforms to the requirements of the following directive(s), as SIP Sub 3010-SS Submersible Water Pump - Part No. 06897 indicated.

2011/65/EU - RoHS Directive 2014/30/EU - EMC Directive 2014/35/EU - Low Voltage Directive

2006/42/EC - Machinery Directive

And the relevant harmonised standard(s), including

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Date: 14/06/2022

Signed:

Mr P. Ippaso - Managing Director - SIP (Industrial Products) Ltd

Signed:

Mr P. Ippaso - Managing Director - SIP (Industrial Products) Ltd Date: 14/06/2022







Please dispose of packaging for the product in a responsible manner. It is suitable for recycling. Help to protect the environment, take the packaging to the local amenity tip and place into the appropriate recycling bin.

Never dispose of electrical equipment or batteries in with your domestic waste. If your supplier offers a disposal facility please use it or alternatively use a recognised recycling agent. This will allow the recycling of raw materials and help protect the environment.

FOR HELP OR ADVICE ON THIS PRODUCT PLEASE CONTACT YOUR DISTRIBUTOR, OR SIP DIRECTLY

ON:

TEL: 01509 500400

EMAIL:

sales@sip-group.com or customerservice@sip-group.com

www.sip-group.com

*Photographs are for illustration purposes only.

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