

## First Mate

SUBMERSIBLE BILGE PUMP

IB-110 R05 (02/2019)  
52219-00

ORIGINAL INSTRUCTIONS/TRANSLATION OF ORIGINAL INSTRUCTIONS  
READ AND UNDERSTAND THIS MANUAL PRIOR TO OPERATING OR  
SERVICING THIS PRODUCT



› **Johnson Pump®**

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Assembled in USA

RELIABILITY ON BOARD

-SINCE 1968-

# First Mate - dränkbar läns pump, 12V

Dränkbar läns pump för pumpning av läns vatten i marin miljö. Installeras i kölsvinet.

## Säkerhetsföreskrifter

- Pumpen får inte användas till annan vätska än vatten/läns vatten.
- Installera alltid pumpen enligt kopplingsschemat.
- Använd den säkring som anges, se "Teknisk beskrivning" nedan.
- Kabelanslutningarna ska avtätas med ett marint tätningemedel.
- Alla elektriska anslutningar måste placeras ovanför högsta slagvatten nivå.
- Pumpen får inte köras torr.

## Typbeteckning

Artikelnr: 32-1015-01  
(US: JP-21405)

## Teknisk beskrivning

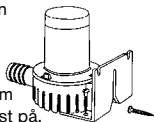
Max flöde	30 l/min/ 475 GPH
Strömförbrukning	2.5A
Spänning	12V DC
Säkring	5A
Slanganslutning	19 mm/ 3/4"
Höjd	100 mm
Vikt	0,35 kg/0.77 lb

## Avfallshantering/ materialåtervinning

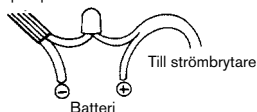
Vid avfallshantering ska produkten lämnas för destruktion/återvinning enligt gällande lagstiftning. Vid tillämpliga fall demonteras och sorteras produkten i ingående materialfraktioner.

## Installation

1. Placera pumpen så lågt som möjligt. Fäst pumpen i botten med två skruvar. För montering på vertikal yta räcker det med en skruv som pumpfästet hakas fast på.
2. Anslut den bruna kabeln till pluspol (+) och strömbrytare. Anslut den svarta kabeln till minuspol (-). Vi rekommenderar 2.5A säkring.

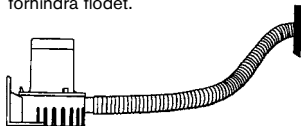


Från pump



3. Se till att utloppet riktas vertikalt eller uppåt. Undvik veck och öglor på slangen.

Montera slangen mellan pumpens utlopp och bordgenomföringen. Obs! För lång slang kan vika sig och förhindra flödet.



För längre hållbarhet, följ anvisningarna och *torrkör inte* pumpen. Stäng av strömbrytaren direkt efter användning.

# First Mate - Submersible Bilge Pump, 12V

Submersible bilge pump for pumping bilge water in marine environment. To be installed in the keelson.

## Security

- The pump may not be used for other liquids than water/bilge water.
- Always install the pump according to the wiring diagram.
- Always use the fuse required, see "Design features" below.
- The wire connections must be sealed with a marine sealant.
- Insulation or cable sheathings must be placed above the highest bilge water level.
- Do not run dry.

## Type designation

Part No: 32-1015-01  
(US: JP-21405)

## Design features

Max flow	30 l/min/ 475 GPH
Amp Draw	2,5A
Voltage	12V DC
Fuse size	5A
Hose size	3/4"
Height	100mm
Weight	0.35kg/0.77lb

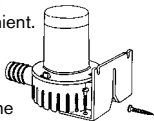
## Waste handling/ material recycling

At the products end of life, please dispose of the product according to applicable law. Where applicable, please disassemble the product and recycle the parts material.

## Installation

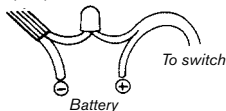
1. Select the lowest point in your bilge. Fasten the pump with screws where convenient.

You may use a single screw on an upright member and simply slide the screw into the pump bracket slot.



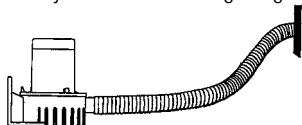
2. Connect the brown wire to the positive (+) lead and switch and connect the black wire to the negative (-) lead. We suggest a 2.5A fuse.

From pump



3. Make sure the pump outlet is level or pointed slightly upward. The discharge hose must have no loops or sags which could cause an airlock.

Fasten the hose to the pump outlet and to the thru hull connector, cutting off any excess hose that might sag.



For longer pump life, wire only as directed and **do not run dry**. Turn the switch off immediately after the bilge is pumped.

# First Mate - Tauchbilgenpumpe, 12V

Tauchbilgenpumpe für pumpen von Bilgenwasser in Seewasserumgebung  
Wird im Kielschwein eingebaut.

## Sicherheitsvorschriften

- Die Pumpe darf nicht für andere Flüssigkeiten als wasser oder Bilgenwasser verwendet werden.
- Die Pumpe immer gemäss Schaltplan.
- Angegebene Sicherung verwenden. Siehe "Technische Beschreibung" unten.
- Die elektrische Verbindungen müssen mit einer wasserfesten Dichtung.
- Alle elektrische Verbindungen müssen auf sicherem Abstand über dem Hochwasserstand gelegt werden.
- Die Pumpe darf nicht trockenlaufen.

## Modellvarianten

Artikel Nr.: 32-1015-01  
(US: JP-21405)

## Technische Beschreibung

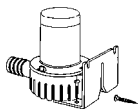
Max Leistung	30 l/min/ 475 GPH
Stromaufnahme	2.5A
Spannung	12V DC
Sicherung	5A
Schlauchdurchm.	19 mm/3/4"
Höhe	100 mm
Gewicht	0,35 kg/0.77 lb

## Entsorgung/Recycling

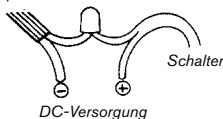
Nach Lebensdauerende entsorgen Sie die Pumpe nach den örtlichen Vorschriften. Nach Möglichkeit demontieren Sie Teile der Pumpe um sie dem Recycling-Process zuzuführen.

## Einbau

1. Wählen Sie den niedrigsten Punkt im Boot als Einbaustelle der Pumpe aus. Die Pumpe mit zwei Schrauben am Bootsboden anschrauben. Bei Anbringung an einer senkrechten Fläche genügt eine Schraube, in die Pumpenhalterung eingehakt wird.
2. Braunes Kabel an Pluspol (+) und Schalter anschließen. Schwarzes Kabel an Minuspol (-) anschließen. Wir empfehlen Sicherung 2.5A.

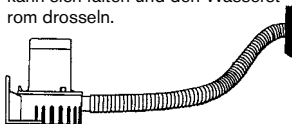


*Pumpe*



3. Prüfen, daß der Pumpenauslauf senkrecht oder nach oben gerichtet ist. Falten und Schlingen im Schlauch vermeiden.

Schlauch zwischen Pumpenauslauf und Borddurchführung einbauen. Hinweis! Ein zu langer Schlauch kann sich falten und den Wasserstrom drosseln.



Für längere Lebensdauer ist die Pumpen wie hier vorgeschrieben anzuschließen, **Trockenlauf ist zu vermeiden**. Strom sofort nach der Anwendung abstellen.

## First Mate - Pompe de cale submersible, 12V

Pompe de cale submersible pour eaux de cale en milieu marin. Pour installation en fond de cale.

### Instructions de sécurité

- La pompe ne peut être utilisée que pour de l'eau ou pour les eaux de cale.
- Brancher toujours la pompe selon le schéma électrique.
- Utiliser le fusible indiqué, voir "caractéristiques techniques" cidessous.
- Les points de jonction du cablage doivent être étanchés à l'aide d'un produit aquifuge.
- Tous les points de jonction électriques doivent être placés au-dessus du niveau le plus haut des eaux de cale.
- La pompe ne doit en aucun cas tourner à vide.

### Spécifications du modèle

Référence: 32-1015-01

(US: JP-21405)

### Caractéristiques techniques

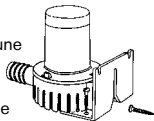
Refoulement	30 l/min/ 475 GPH
Intensité	2.5A
Voltage	12V DC
Fusible	5A
Diam. de tuyau	19 mm/ 3/4"
Hauteur	100 mm
Poids	0,35 kg/0.77 lb

### Gestion des déchets/ recyclage des matériaux

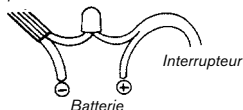
Lorsque le matériel arrivera en fin de vie, veuillez le mettre au rebut en fonction des lois applicables. Lorsque c'est possible, veuillez démonter le matériel et recycler les pièces pouvant l'être

### Installation

- Placer la pompe aussi bas que possible. Fixer la pompe au fond avec deux vis. Pour un montage sur une surface verticale, il suffit d'une vis où sera accrochée la fixation de la pompe.
- Brancher le câble brun à la borne positive (+) et à l'interrupteur. Brancher le câble noir à la borne négative (-). Nous recommandons un fusible de 2.5A.

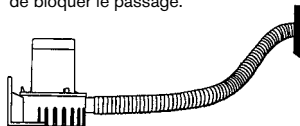


Pompe



- S'assurer que la sortie est bien horizontale ou légèrement inclinée vers le haut. Eviter les coudes ou les boucles sur le flexible.

Monter le flexible entre la sortie de la pompe et la traversée de bord. Note! Un flexible trop long risque de plier et de bloquer le passage.



Pour une plus grande longévité, suivre les instructions et ne **pas laisser la pompe tourner à sec**. Couper immédiatement le courant avec l'interrupteur après l'utilisation.

# First Mate - Bomba sumergible de sentina, 12V

Bomba sumergible de sentina para sacar agua de sentina en ambiente marítimo. Para instalación en la contraquilla.

## Instrucciones de seguridad

- La bomba no se puede utilizar para otros líquidos sino agua o agua de sentina.
- Instalar siempre la bomba según el esquema eléctrico.
- Utilizar el fusible indicado en las "Características técnicas" abajo.
- Todas las conexiones eléctricas deben sellarse con un compuesto para aplicaciones marinas.
- Todas las conexiones eléctricas deben quedar por encima del nivel más alto del agua de sentina.
- La bomba no puede trabajar en vacío.

## Modelo

Pieza No: 32-1015-01  
(US: JP-21405)

## Características técnicas

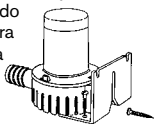
Capacidad	30 l/min/ 475 GPH
Amperaje	2.5A
Tensión	12V DC
Fusible	3A
Manga	19 mm/ 3/4"
Altura	100 mm
Peso	0,35 kg/ 0.77lb

## Desguace/Reciclado

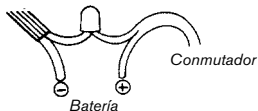
Al final de la vida del equipo disponga de este de acuerdo a la ley. Donde sea de aplicación desmonte el equipo y recicle los diferentes materiales.

## Instalación

- Colocar la bomba lo más bajo posible. Fijarla al fondo con dos tornillos. Para el montaje sobre una superficie vertical es suficiente con un tornillo al que se engancha la fijación de la bomba.
- Conectar el cable marrón al borne positivo (-) e interruptor; conectar el cable negro al borne negativo (-). Recomendamos un fusible de 2.5A.

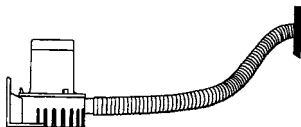


Bomba



- Asegurarse de que la salida queda orientada verticalmente o hacia arriba. Evítense que la manguera forme pliegues o bucles.

Montar la manguera entre la salida de la bomba y el pasacasco. Nota: Si la manguera es demasiado larga puede doblarse e impedir el flujo.



Para una mayor vida de servicio, s'ganse las instrucciones y **no hacer funcionar** la bomba en seco. Cerrar el interruptor inmediatamente después del uso.

# First Mate - Pompa di sentina sommersa, 12V

Pompa di sentina sommersa per pompare l'acqua di sentina in ambiente marino. Per installazione in stiva.

## Istruzioni di sicurezza

- La pompa non si può usare per altri liquidi dell'acqua o dell'acqua di sentina.
- Installare sempre la pompa secondo il schema elettrico.
- Usare il fusibile indicato, vedere le caratteristiche tecniche in basso.
- I collegamenti elettrici dovrebbero essere sigillati con un sigillante marino.
- Tutti i collegamenti elettrici devono essere posti al di sopra del livello più alto dell'acqua.
- La pompa non può girare a vuoto.

## Specifica del tipo

Art No: 32-1015-01  
(US: JP-21405)

## Caratteristiche tecniche

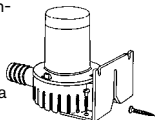
	EU
Portata	30 l/min/ 470 GPH
Amperaggio	2.5 A
Voltaggio	12V DC
Fusibile	5A
Sezione tuba	19 mm/ 3/4"
Altezza	100 mm
Peso	0,35 kg/ 0.77 lb

## Gestione dei rifiuti/ riciclaggio dei materiali

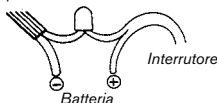
Al termine della vita del prodotto si prega di smaltire il prodotto secondo le leggi in vigore per queste operazioni. Quando possibile, si raccomanda di smontare il prodotto e riciclare i

## Installazione

1. Posizionare la pompa nel punto più basso possibile. Fissarla al fondo con due viti. In caso di montaggio su superficie verticale è sufficiente fissare una vite alla parete, a cui va appesa la pompa.
2. Collegare il cavo marrone al polo positivo (+) ed all'interruttore. Collegare il cavo nero al polo negativo (-). Raccomandiamo l'applicazione di un fusibile da 2.5A.

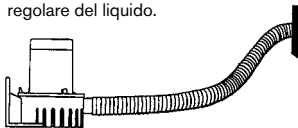


Pompa



3. Accertarsi che lo scarico della pompa sia in piano orizzontale o leggermente verso l'alto. Il tubo di scarico non deve presentare strozzature o attorcigliamenti.

Montare il tubo flessibile tra lo scarico della pompa e quello fuori bordo. Nota! Un tubo troppo lungo finirebbe per piegarsi impedendo il deflusso regolare del liquido.



Per assicurarne la più lunga durata possibile, seguire le istruzioni di montaggio ed **evitare di far girare a vuoto** la pompa. Chiudere l'interruttore direttamente dopo l'utilizzo.







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The exclusive remedy of the consumer purchaser in the the event the product does not meet this express Limited Warranty is to return the pump to SPX FLOW Johnson Pump at the above address, freight prepaid with your sales receipt and \$2.50 to help defray the cost of postage and handling. IMPORTANT: FOR THIS WARRANTY TO BE EFFECTIVE, JOHNSON PUMP MUST BE SUPPLIED WITH THE ORIGINAL PURCHASE DATE OF THE PUMP. THE ACCEPTANCE BY JOHNSON PUMP OF ANY PUMP RETURNED SHALL NOT BE DEEMED AN ADMISSION THAT SUCH PUMP IS DEFECTIVE OR IN VIOLATION OF ANY WARRANTY.

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CAUTION - Warranty void if seal on pump is broken, if any electric cord is cut back more than 3 inches, if electric splices become sub-merged, or if pump is installed contrary to instructions or warnings.

Bilge Pumps are designed to exhaust standing water only. These pumps are not intended for damage control. Bilge Pump capacities may not be sufficient to prevent flooding from rapid accumulation of water due to storms, rough weather and/or rapid leaks.

# SPXFLOW

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