

Instructions for Rotary Spray Ball RSB-25



Designated use of operation

The Rotary Spray ball is designed for tank inside cleaning and stationary installation. This unit has been designed for operation in vertical position with the inlet connection at the top. Operation in any other position may adversely affect the unit's performance. All information given in this document applies to a unit operating in the normal position.

Safety

Installation, operation and maintenance personnel must adhere to national and local health & safety regulations and must be suitably qualified to carry out their tasks. When the cleaning is switched on, the danger zones must be free. Always keep danger zone clear. Before starting any inspection, the cleaner must be switched off and secured against being switched back on. Ensure by suitable protective measures that the cleaner cannot be set into operation outside of the tank and that nobody can be inside the tank during operation.

Installation

Before connecting the rotary spray ball ensure all pipe work has been thoroughly flushed out and is free of debris. It is Essential the unit is pinned to pipe with dimensions specified as under:

- RSB 25 : 1" OD tube / pipe (25.4 x 1.6 mm)

Follow below instructions for installation of rotary spray ball:

- Remove pin from rotary spray ball inlet. Push inlet over CIP pipe.
- Drill two holes in CIP pipe using holes in rotary spray ball inlet as guides.
- Align all pin holes and insert the pin to fix the rotary spray ball with CIP pipeline.
- Do not weld the spray ball to pipe in any condition.

Strainer

We strongly recommend the installation of a 500-micron filter / strainer in the CIP supply line close to the rotary spray ball to protect it against particulate blocking or damage.

Operation

The unit is driven by the wash liquid flowing through it at suitable pressure and flow rate. The ball rotates on a wash liquid bearing. It is essential that the unit is supplied with wash liquid at the correct pressure and flow rate for effective operation. Please see the operating flow rate & pressure requirements specified in table below:

Pressure (Bar)	0.8	1	1.4	1.7	2	2.5
Flow in the line (KLPH)	2.4	2.6	3.1	3.5	3.8	4.2

IMPORTANT – specified pressure is the pressure required at wash head, NOT the pump.

Maintenance

This unit is not designed to be maintained. It should be visually inspected periodically and replaced when necessary. It is not designed to be dismantled and re-assembled.

Spare Parts

There are no spare parts required for this unit as the unit is not designed to be dismantled and re-assembled.



124-128, GIDC Estate, Vithal Udyognagar 388 121, Anand district, Gujarat, India, Ph: +91-2692-236375, 220100
idmc@idmc.com www.idmc.com Toll free: 1800-103-3567
Gurugram: +91-124-4931370, Lucknow: +91-9451970174, Patna: +91-9934360635

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Instructions for Rotary Spray Ball RSB-38



Designated use of operation

The Rotary Spray ball is designed for tank inside cleaning and stationary installation. This unit has been designed for operation in vertical position with the inlet connection at the top. Operation in any other position may adversely affect the unit's performance. All information given in this document applies to a unit operating in the normal position.

Safety

Installation, operation and maintenance personnel must adhere to national and local health & safety regulations and must be suitably qualified to carry out their tasks. When the cleaning is switched on, the danger zones must be free. Always keep danger zone clear. Before starting any inspection, the cleaner must be switched off and secured against being switched back on. Ensure by suitable protective measures that the cleaner cannot be set into operation outside of the tank and that nobody can be inside the tank during operation.

Installation

Before connecting the rotary spray ball ensure all pipe work has been thoroughly flushed out and is free of debris. It is Essential the unit is pinned to pipe with dimensions specified as under:

- RSB 38 : 1.5" OD tube / pipe (38.1 x 1.6 mm)

Follow below instructions for installation of rotary spray ball:

- Remove pin from rotary spray ball inlet. Push inlet over CIP pipe.
- Drill two holes in CIP pipe using holes in rotary spray ball inlet as guides.
- Align all pin holes and insert the pin to fix the rotary spray ball with CIP pipeline.
- Do not weld the spray ball to pipe in any condition.

Strainer

We strongly recommend the installation of a 500-micron filter / strainer in the CIP supply line close to the rotary spray ball to protect it against particulate blocking or damage.

Operation

The unit is driven by the wash liquid flowing through it at suitable pressure and flow rate. The ball rotates on a wash liquid bearing. It is essential that the unit is supplied with wash liquid at the correct pressure and flow rate for effective operation. Please see the operating flow rate & pressure requirements specified in table below:

Pressure (bar)	0.6	0.8	1	1	1.4	1.8	2
Flow in the line (KLPH)	6.5	7.1	8	9	10	11	13

IMPORTANT – specified pressure is the pressure required at wash head, NOT the pump.

Maintenance

This unit is not designed to be maintained. It should be visually inspected periodically and replaced when necessary. It is not designed to be dismantled and re-assembled.

Spare Parts

There are no spare parts required for this unit as the unit is not designed to be dismantled and re-assembled.



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idmc@idmc.com www.idmc.com Toll free: 1800-103-3567
Gurugram: +91-124-4931370, Lucknow: +91-9451970174, Patna: +91-9934360635

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