

The TZ-74 rotary jet head provides 360° indexed impact cleaning over a defined time period. It is automatic and represents a guaranteed means of achieving quality assurance from cleaning tanks.

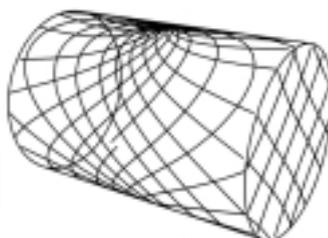
### APPLICATIONS

Processing, storage and transportation tanks and vessels between 50 and 500m<sup>3</sup> (13 000 and 131 000 US gallons). Used in breweries, food and dairy processes, chemical and many other industries. The TZ-74 rotary jet head has been particularly suitable and successful in the brewing industry worldwide.

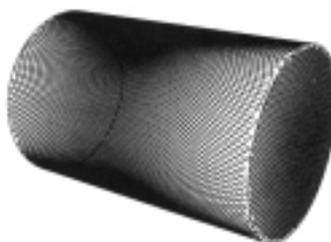
### OPERATION

The flow of the cleaning fluid makes the nozzles perform a geared rotation around the vertical and horizontal axis. In the first cycle, the nozzles lay out a coarse pattern on the tank surface. The following cycles make the pattern gradually more dense until a full pattern is reached after 8 cycles.

### CYCLE CHARACTERISTICS



First Cycle



Full Cycle

The above drawings show the cleaning pattern achieved on a cylindrical horizontal vessel. The difference between the first cycle and the full pattern represents the number of additional cycles available to increase the density of the clean.

### OPTIONS

The choice of nozzle diameters can optimise jet impact length and flow rate at the desired pressure. An electronic rotation sensor to validate 360° coverage can also be included.

### ORDERING INFORMATION

Please specify nozzle size and inlet/guide configuration connections.

### SPECIFICATIONS

#### Materials

AISI 316L, AISI 316, PTFE, PEEK, Tefzel

#### Weight

6,1 kgs (13,6 lbs)

#### Lubricant

Self-lubricating with the cleaning fluid

#### Working pressure

3-12 Bar (44-174 psi)

#### Recommended pressure

3-8 Bar (44-116 psi)

#### Max. working temperature

95 °C (203 °F)

#### Max. ambient temperature

140 °C (284 °F)

#### Max. throw length, static

7-24 m (23-79 ft.)

#### Effective throw length

4-13 m (13-43 ft.). Impact in centre of jet  
250 mm water column (50 lbs/sq.ft.)

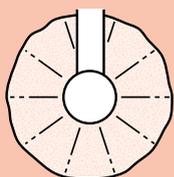
#### Standard thread

1½" BSP or NPT, Female

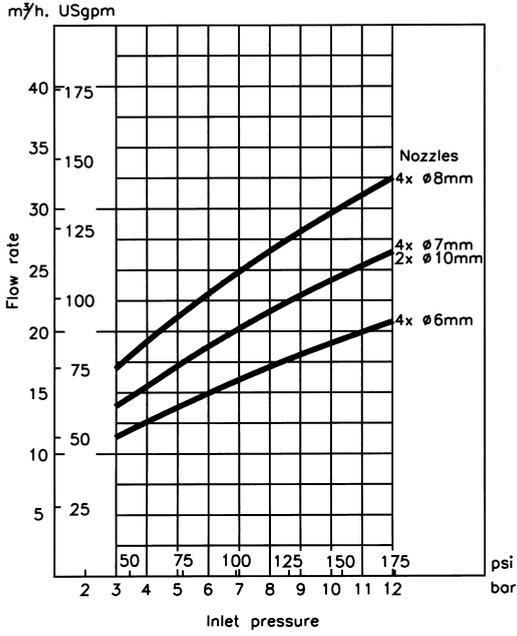
#### Min. tank opening

See dimension drawings

Contact our Helpline for any special requirements:  
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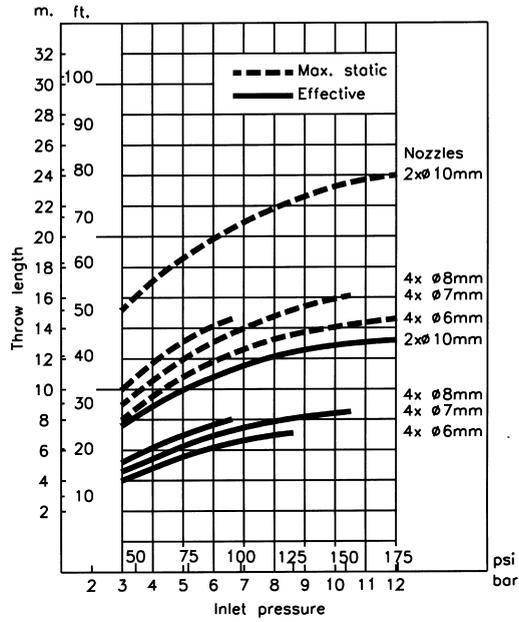


## FLOW RATE

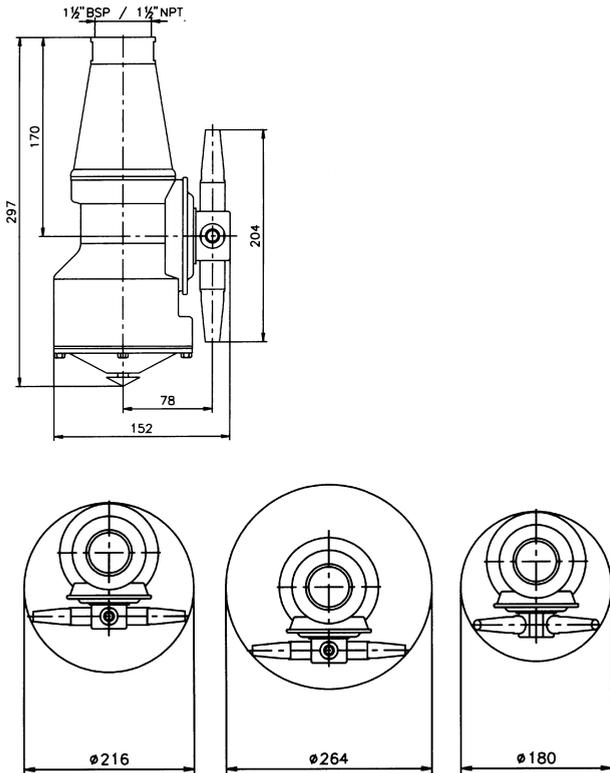


## THROW LENGTH

Horizontal Throw Length at Static Condition

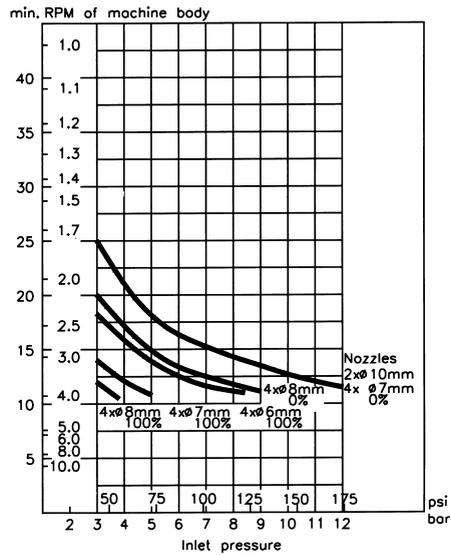


## DIMENSIONS



## CLEANING TIME

Complete Pattern



CLEANING IN PLACE

TYPE TZ-74

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