



Sanitary  
flow  
equipment

Quality System  
Certified ISO 9001



VAW-100 WASHING technical bulletin Rev5  
Page 1 of 1

## VAW - WASHING FLUSH WASHING VALVE

### Application:

The VAW-WASHING type flush washing, is a sanitary valve designed to reinforce the hygiene of process tanks equipped with traditional agitation systems or magnetic mixers.

Extremely clean design of valve, guarantee it's full drainability avoid possible product stagnation and "dead leg" permit a large number of application in the food, chemical, cosmetics, pharmaceutical and biotechnology process where the more restrictive norms must be respected.

### Standards:

The VAW flush washing valve is a process line accessory to be used for clear or viscous liquid products from group 2 in accordance with European pressure equipment directive PED 2014/68/UE are CE compliant under the SEP "Sound Engineering Practice" (Article 4 - Paragraph 3)

### Operating principle:

The body of VAW flush washing valve is equipped with oriented holes that allow the directional and conical projection of a CIP solution into the tank.

The consumption of water and cleaning agents is reduced by Approximately 50% compared to conventional spray balls.

The valve, which should be placed opposite the equipment to be cleaned, is therefore generally welded either to the bottom of the tank, (to clean the underside of the agitator blades) or on the side (to clean the scrapers). For different applications, can be placed on the top also. In the standard application, the valve is fixed to the tank by an independent welding flange type TKC-Connection 3" with a special profile where is install the spray-plate.

Special executions available on request as welding plate with radius or bigger different thickness, special adaptors plate in order to accommodate customer request, etc....

### Sizes:

Unique size available for BS-OD & SMS pipe : 25mm (1")

### Operating conditions:

CIP solution max working pressure	4 - 5 bar g
CIP solution min / max flowrate	40 lt/min
according to perforated disk requested	150 / 200 lt/min
Impact distance	2.000 mm approx
Impact circle diameter	2.000 mm approx
Spraying cone angle	45° up to 90°
Working temperature Range	from 0°C up to 100°C
Air pressure	5 - 7 bar
Air connection R 1/8" (BSP) with snap connection for 6mm polyamide pipe	

### Material:

Valve body and components in contact with the product being conveyed	1.4404 - AISI 316L stainless steel
Other metal components	1.4301 - AISI 304 stainless steel
Seat seal	TFM PTFE
Handle / Actuator body	Thermoplastic

### Surface finish:

TKC-Connection product contact surface are finish with Ra<0,5 micron or better.

### Marking:

To guarantee full traceability, following information will permanently be marked on the valve body:

- AR logo (identif. constructor)
- material grade
- indication of the flow direction
- heat number or lot number



**Get the information you need and more at : [info@aerreinox.it](mailto:info@aerreinox.it)**

In the interests of development and improvement of the product, we reserve the right to change the specifications without prior notice.

**Aerre Inox s.r.l.**

26010 FIESCO Via Gerola n.4 -CREMONA- Italy  
Tel. +39.0374.370828 Fax +39.0374.370833  
e-mail : [info@aerreinox.it](mailto:info@aerreinox.it) http : [www.aerreinox.it](http://www.aerreinox.it)