

# 3D-Jet Cleaner Aggregate AW

MC

## All-around cleaning with self-propulsion and high force of impact

MC's 3D-jet cleaner type **AW** is an advancement of type A.

Rotation velocity is optimized with the help of an encapsulated planetary gear, and runs very evenly.

Due to the modular system design, aggregates can be operated with various pressures.

### Characteristics

The cleaning flow exits the nozzle and turns around two axis in a three-dimensional manner. This allows the jet to directly impinge upon the container's inner walls with maximum force of impact, and to clean it all around.

The nozzles are put together in a modular system.

The self-propulsion's compact design, along with the planetary gear, allow for an extremely slow and uniform flow guidance with maximum force of impact. Pressures of up to 200 bar are possible.

The pair of gearwheels is encapsulated to prevent injuries when handling the nozzle.

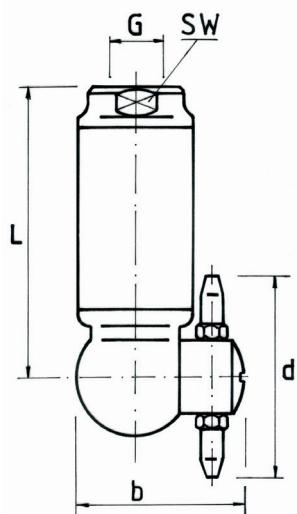
### Application

Container  
Centrifuges  
Silos  
Stirrers  
Vacuum containers  
Spray towers  
Fermenters  
Filters  
Mixing kettles

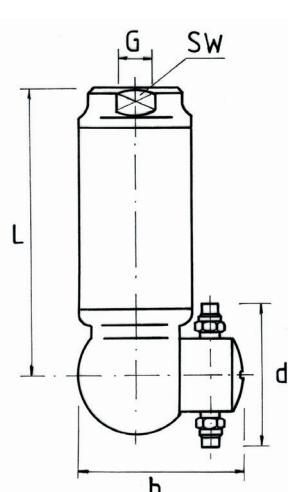
### Material

Stainless steel 1.4305 and 1.4404, Teflon

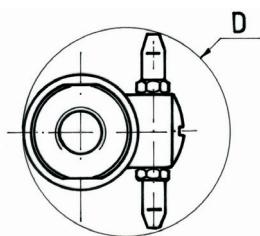
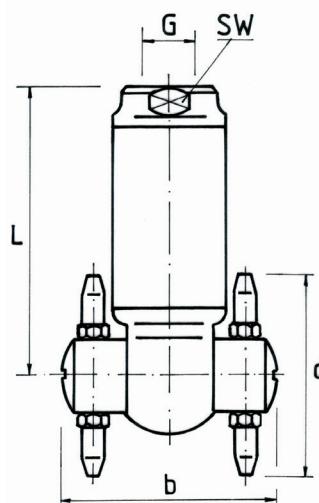
Illu. 1



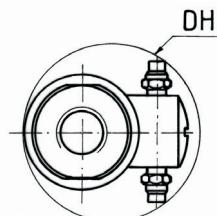
Illu. 2



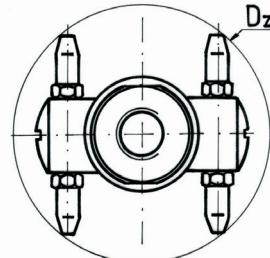
Illu. 3



Type **AW**  
standard  
max. Druck 70 bar



Type **AW-H**  
high-pressure aggregate  
with 2 or 4 nozzles,  
max. pressure 200 bar



Type **AW-Z**  
with 4 nozzles,  
max. pressure 70 bar

When ordering, please indicate type, tank-Ø, pump capacity ( $\dot{V}$  - l/min.) and pressure!

Type	Flow rate $\dot{V}$ (l/min.)		Pressure (p)		Rotation/min. according to flow rate	Thread G	L (mm)	d (mm)	Max. container opening (mm)			Max. tank-Ø (m) varies with press. and nozzle-Ø (mm)
	min.	max.	min.	max.					D	DH	DZ	
<b>AW 70</b>	8	70	5	200*	5-30	1/2"	188	106	110	75	130	6 - 10
<b>AW 280</b>	60	280	5	200	5-25	1"	188	120	130	80	160	8 - 16

\* Pressures of up to 400 bar available on request!

Regardless of liquid pressure, flow rate  $\dot{V}$  should not be exceeded significantly.