



CHLORWACHE Valve Closing System

Product information

Safe mitigation of hazards

In the event of a chlorine gas release, all chlorine tanks that contribute to the chlorine supply must be closed immediately in order to minimise any hazard to people and the environment as well as any damage to the components of the chlorine gas system. The tanks can only be closed directly at the tank valve. This means that personnel will have to deliberately enter a hazard area. The CHLORWACHE valve closing system contains a drive, which actuates the closing of the tank valves.

Safety via a signal

The CHLORWACHE valve closing system automatically closes the chlorine tank valves on the receipt of an electronic signal (for example from a gas warning device). After the automatic closing process has been completed, the valves can only be reopened on site, so that it is guaranteed that the valves are only opened after the hazard has been removed.

Functions

- Pneumatic valve closing system
- For chlorine drum valves
- Including the control
- Easy to assemble
- Low maintenance effort

Technical data



Drive unit		
Operating medium		Compressed air
Compressed air requirement	bar	7
Closing torque	Nm	74
Control		
Power supply		230 V AC 50/60 Hz (optional 415 V AC 50/60 Hz)
Protection class		IP65
Dimensions (H x W x D)	mm	300 x 250 x 140
Solenoid valve unit		
Power supply		24 V DC, 3 W
Working pressure	bar	1.5 – 8
Number of drives per unit		max. 4
Protection class		IP65
Compressed air connection		M8
Dimensions (H x W x D)	mm	300 x 300 x 160
Housing material		
Tripod		powder-coated steel
Control		fibre glass reinforced plastic
Solenoid valve unit		fibre glass reinforced plastic

Model variants

Number of drums	
2 x (1 x in operation + 1 x spare)	CHLORWACHE DR1
4	CHLORWACHE DR2
6	CHLORWACHE DR3
8	CHLORWACHE DR4

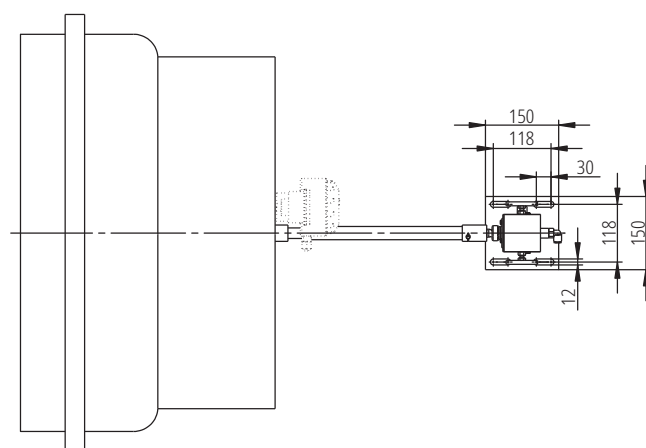
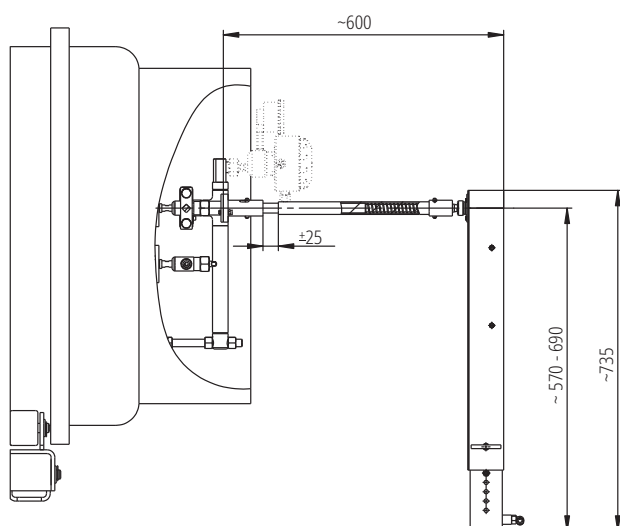
Scope of delivery

The pneumatic valve closing system is delivered including:

- Pneumatic drive with a spring-loaded telescopic arm
- Valve adapter
- Height-adjustable stand housing for installation of the drive
- Control
- Solenoid valve unit

Dimensions

All dimensions in mm



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