

## Quick-action-valve SVK 12-6

### Application

The quick-action-valve SVK 12-6 is an automatic controlled cylinder valve for CO<sub>2</sub> high pressure systems. The automatic release may be electrical and/or pneumatical.

### Function

Turning the locking shaft in direction of arrow, the valve bridge changes over and the valve plunger will rise by the internal pressure. CO<sub>2</sub> discharges.

### Operation and Maintenance

After installing the cylinder with the SVK valve in the battery unit, remove the filling-protection (safety-clip (9) and knurled screw (10) ) and protective-cap. Store these parts near by the cylinder, because they will be needed later for transport and recharging purposes. Afterwards, either the electrical actuating (Actuating device SF-1) or the pneumatical release can be fixed by using the threads for connection. After finishing all installation work, the releasing lever (accessory) can be installed, to make the valve ready for operation.

### Technical Data

Nominal diameter:	12 mm
Max. Operating pressure:	120 bar / 35°C
Test pressure:	250 bar
Weight:	~ 1,3 kg
Materials:	brass, Steel corrosion protected i.e. stainless Gaskets: plastics
Nominal burst pressure of burst disc:	250 bar
Ambient temperatures:	-20°C ... +50°C
Manufacturer:	TOTAL WALTHER GmbH Feuerschutz und Sicherheit Waltherstraße 51 51069 Köln

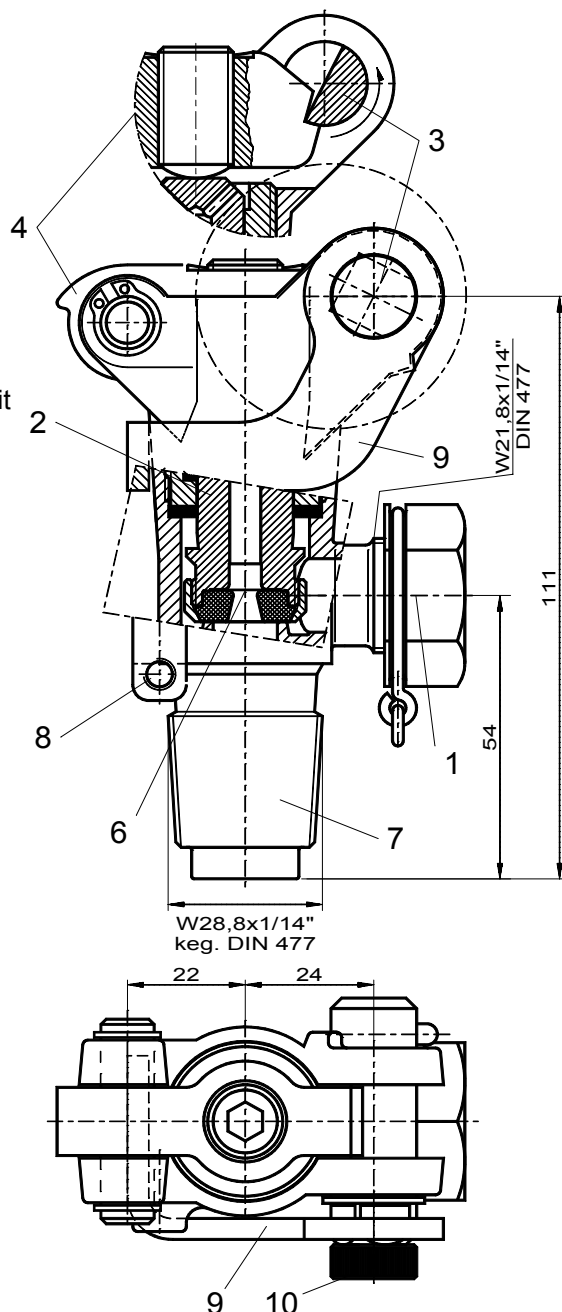
Part-no.: **K0 241 065 6**

For Filling instructions, spare parts and special tools please refer to 5-022-03E

- (1) Outlet of extinguishing agent and Filling-socket with protective cap
- (2) Valve plunger
- (3) Locking shaft
- (4) Bridge
- (5) Test connection
- (6) Burst-disc
- (7) Cylinder screw-in socket
- Max. torque: 200 <sup>+20</sup> Nm
- recommended sealing: PTFE-tape
- (8) Thread for connection of actuating device
- (9) Safety clip
- (10) Knurled screw

### Accessories

Dip-tube K0 240 575 6  
Releasing lever and small parts K0 240 622 6

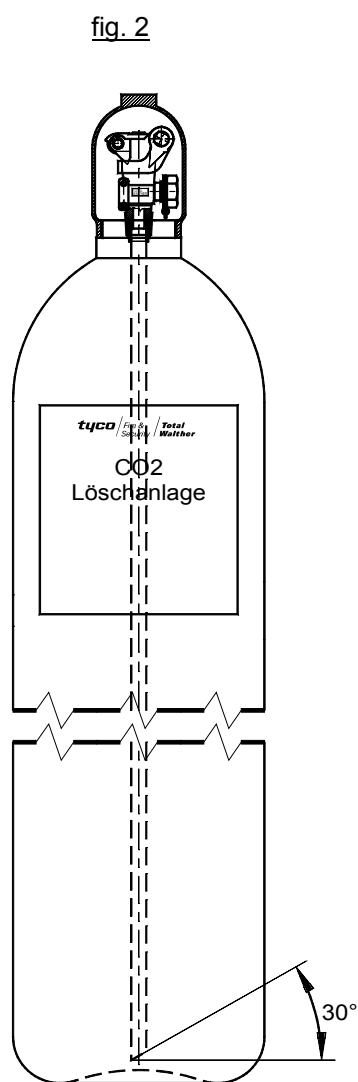
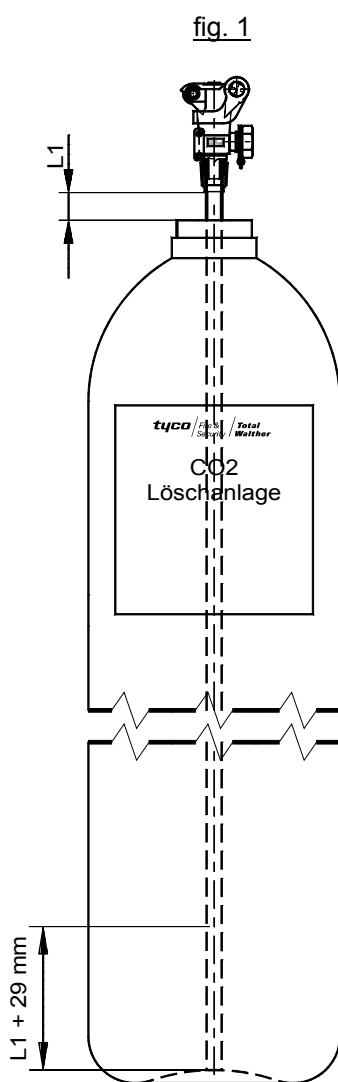


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### Length of dip-tube to be adapted to length of pertaining cylinder

The dip-tube is suitable for CO<sub>2</sub>-cylinders 67 l, it must be shortened for cylinders with other dimensions.

$\zeta$ – value for $\varnothing$ 12 mm	equivalent length of pipe
3,3	5,9 m pipe ½" (Inside- $\varnothing$ 16mm)



#### Instruction for shortening the dip-tube

- 1) Insert valve with original dip-tube down to the base of the cylinder - see fig. 1
- 2) Measure the L1 distance
- 3) Shorten dip-tube by measure L1 + 29 mm (chamferend 30°)
- 4) Apply Loctite 586 to the thread of the dip tube, and screw it in as far as the limit stop. Remove any excess adhesive.
- 5) Tightly screw valve cylinder - see fig. 2