

General

Chlorine valves are fittings that have been developed specifically, in terms of sealing and chemical resistance, for use in connection with liquid and gaseous chlorine.

Whereas ball cocks are used for preference with rigid pipeline installations, cylinder and drum auxiliary valves are specially produced for connecting up chlorination units and their header pipes to the chlorine containers. As chlorine containers have connected to the container by means of a flexible pipe.

Operating description

Auxiliary valve (type < 03/2009)

The auxiliary valve has as an isolation element a cylindrical, polished pin (2), directed into a PTFE bush (3) for packing purposes. It is not the force of the isolating action that is the point here, but the fact that the valve stem is inserted in the PTFE bushing. This is done, carefully, with the aid of handwheel (1), which moves the valve stem by means of a differential fine screw thread. The stem is shifted very slowly, so as to prevent the auxiliary valve from being opened too fast and liquid chlorine from spurting through.

Auxiliary valve (type > 03/2009)

The auxiliary valve is a slowly opening corner valve build as a standard chlorine gas cylinder valve. It shall be operated with a tool.

Maintenance hint

If there are no rules/specifications or special annotations prescribing shorter maintenance intervals, all JESCO chlorinators have to be maintained and tested by an authorized specialist firm at least once a year. Preferably this should happen at the beginning of a high-rate period, prior to a downtime or a restart.

Auxiliary valve (type < 03/2009)

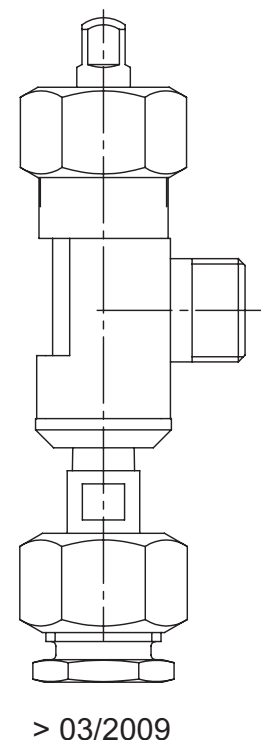
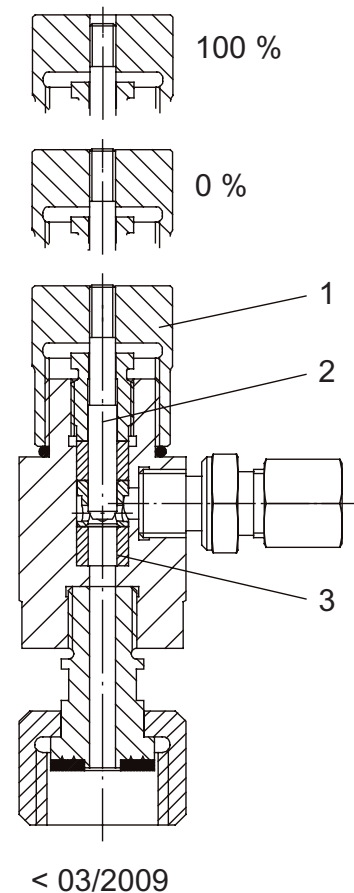
Before the handwheel (1) is put on the spindle must be set to recommended measure X.

After 5 turns of the spindle the valve is entirely opened.

Before starting the stuffing-box stud must be tight up by 1/4 - 1/2 turn, since the teflon bush might have settled since production of the valve! Afterwards the stuffing-box stud must be checked every 6 months and tight up if necessary.

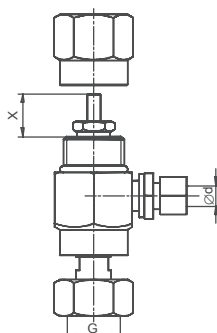
Auxiliary valve (type > 03/2009)

These auxiliary valves are maintenance free. If necessary the stuffing-box stud can be tight up with 54 ... 60 Nm.



Chlorine Auxiliary Valves

Chlorine Auxiliary Valves

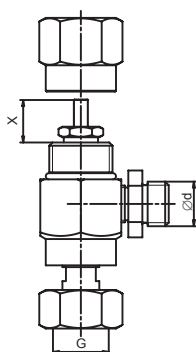


Chlorine auxilayr valves (< 03/2009)

Cutting ring connector for copper pipe

Chlorine gas container connection			DN	ø d	X	Part.-No.
Chlorine cylinders	DIN 477	BSW 1"	4	8	23	22210150
	AS 2473	G 3/4				22215891
	BS 341	G 5/8				22231027
Chlorine drums	DIN 4676	BSW 1 1/4"	10	12	35	22232385
	DIN 4676	BSW 1 1/4"				22213779
	AS 2473	G 3/4				22215916
	BS 341	G 5/8				22231028

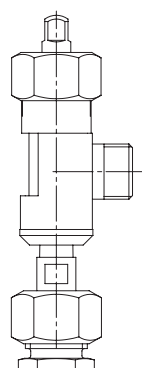
Other connections on request.



Threaded connection

Chlorine gas container connection			DN	ø d	X	Part.-No.
Chlorine cylinders	DIN 477	BSW 1"	4	BSW 1"	23	22232152
	AS 2473	G 3/4				22237406
	BS 341	G 5/8				22237407
Chlorine drums	DIN 4676	BSW 1 1/4"	10	BSW 1"	35	22237408
	DIN 4676	BSW 1 1/4"				22237409
	AS 2473	G 3/4				22237410
	BS 341	G 5/8				22237411

Other connections on request.



Chlorine auxiliary valves (> 03/2009)

Slow opening auxiliary valve with stuffing box stud gadget

Body: Bronze

Spindle: Monel

Stuffing box stud: PTFE

Conn. gadget: Special-PTFE

Spare parts for this auxiliary vales doesn't exist.

Chlorine container connection		Conn. outlett	Art.-Nr.
DIN 477	BSW 1 "	G 5/8 a	22338693
AS 2473	G 3/4		22338695
BS 341	G 5/8		22338694
DIN 4676	BSW 1 1/4 "		22338698
CGA V-1 (660)	1.030" -14NGO		22338696
CGA V-1 (820)	YOKE		22338697

Other connections on request.

Tool for operating with chlorine auxiliary valve, part-no. 38684.

