

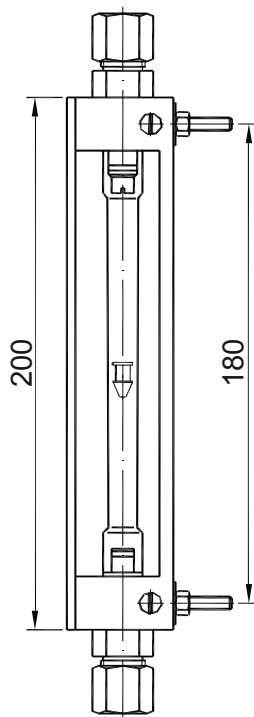
ROTAMETERS RCM TYPE



The rotameters RUN are used for measurement of mass fluxes of dry chlorine.

MEASURING RANGES

Type	Chlorine , 293K				Air , dm ³ /h 293K, 0,1013 MPa		Water , dm ³ /h 293K, 0,1013 MPa		Permissible conditions (pressure, temperature)
	pressure		kg/h		min	max	min	max	
	kPa	ata	min	max					
RCM-04-03	196,1	2,0	0,02	0,3	6	80	-	-	0,25 MPa 323 K
RCM-04-1	196,1	2,0	0,05	1	20	300	0,4	10	
RCM-06-3	245,2	2,5	0,1	3	50	900	2	25	
RCM-08-6	245,2	2,5	0,4	6	150	1800	5	50	



Mass, kg	0,7
Length, mm	200
Distance between axis of connections, mm	180



CONSTRUCTION

Basic elements of rotameters: glass pipe and float.

Material of pipe: glass (alloy of boron and silicon) in sort simax or termisil.

The rotameter's shield is transparent.

Body of rotameter is made of brass or alloy of aluminium.

ACCURACY OF READING

The standard accuracy class is 2,5 according with PN-85/M-42371.

INSTALLATION DIRECTIONS

- 1)The rotameter should be install in vertical position.
- 2)The rotameter's stresses and vibrations are not allowed. In industrial constructions it is necessary (in front of and behind of rotameter) to join the pipeline with supporting structure and installing the elastic parts in adjoining segments.
- 3)For rotameter reading we used the biggest dimension of float. Very often it is the upper edge of float. In reading time the float has to assume a steady position without vertical oscillation. The flux of fluid can not contains the gas bubbles
- 4)Pollutants which flows through the rotameter creating the sediments on measuring elements so it is necessary disassemble the rotameter and flush it by dissolving substances. If the user is not able to clean up the rotameter there is possible to clean the rotamater by producent. The sediments in rotameter causes falsility measurements.