

# Ejectors

series **M 300 C**



## General:

The Ejector is a mechanical device that generates the necessary vacuum for functioning of the dosing system. It consists of a drive nozzle, mixing chamber, non-return valve and an outlet connection.

Ordinary ejector construction is for pipes with water pressure up to 6 bar.

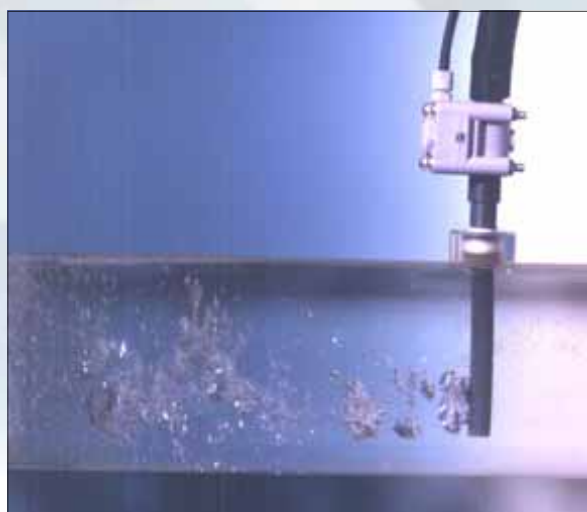
Reinforced ejectors are used for pipes with water pressure more than 6 bar.

Ejectors with “connection cock” are used when the ejector has to be separated from the pipeline in which there is overpressure.

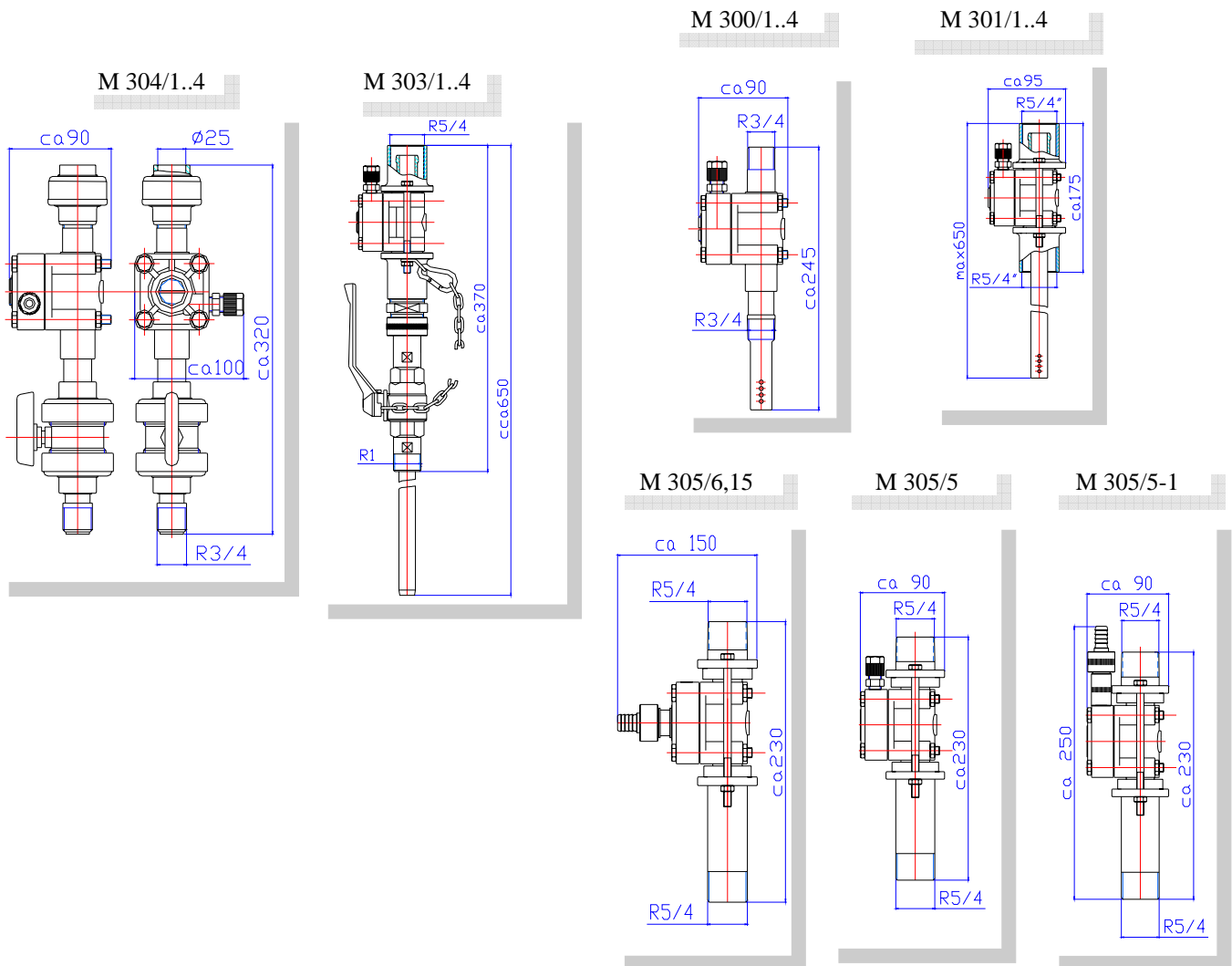


## Operation:

The booster pump drives water through the ejector. This generates vacuum, the power of which depends on the pump pressure and permeability of the drive nozzle. Vacuum fills the ejector with gas chlorine which mixes with water in the mixing chamber. The mixture of chlorine and water is then injected into the water-supply system. The non-return valve prevents irruption of water into the vacuum line.



Dosing devices for aggressive gases and fluids / Dosing devices for gases / Ejectors



**Model version:**

- M 30 0** - Ordinary ejector construction for pressure up to 6 bar.
- M 30 1** - Reinforced ejectors for pressure more than 6 bar.
- M 30 3** - Ejectors with a “connection cock” for dismantling under pressure.
- M 30 4** - D.P.T – Ejector with PVC valves for dismantling under pressure, but not more than 5 bar, designed for pool engineering.
- M 30 5** - Reinforced ejectors for more than 2000g/h.

**Order codes:**

**M 30X / X C**

Model \_\_\_\_\_

Dosing range (1-15) \_\_\_\_\_

Gas type \_\_\_\_\_

**Technical data :**

**Dosing range : (in g/h)**

- 1** up to.....200
- 2** up to.....500
- 3** up to.....1000
- 4** up to.....2000
- 5** up to.....4000
- 6** up to.....10000
- 15** up to.....15000

**Gas types:**

- C**=Cl<sub>2</sub>
- S**=SO<sub>2</sub>
- N**=NH<sub>3</sub>

**Weight:**

- M300/1-4: 0,6 kg
- M305/5-6: 1,2 kg
- M305/15 : 1,2 kg
- M301/1-4: 1,6 kg

**Connections:**

**Vacuum:**

- 1-4** (2 kg/h) – D8/10
- 5** (4 kg/h) – D8/10
- \*more than 30 m – D12/16
- 6** (10 kg/h) – D12/16
- 15** (15 kg/h) – D12/16

**Other connections can be made by order.**



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Data is subject to change without notice.