

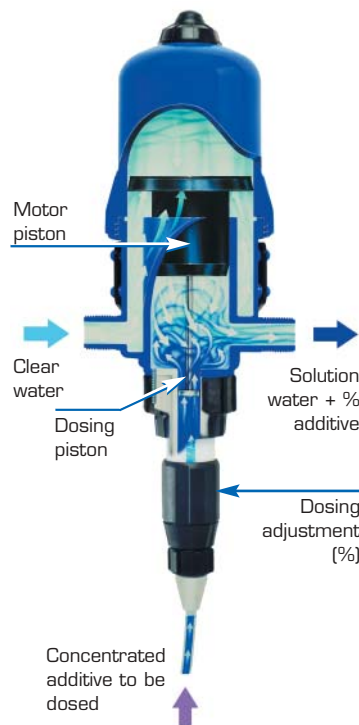


**DOSATRON®**

*WATER POWERED DOSING TECHNOLOGY*

**Water powered proportional dosing pumps**

## Efficiency without electricity



Installed directly in the water supply line, the Dosatron operates by using the flow of water as the power source. The water activates the Dosatron, which takes up the required percentage of concentrate directly from the container and injects it into the water. Inside the Dosatron, the concentrate is mixed with the water, and the water pressure forces the solution downstream. The dose of concentrate will be directly proportional to the volume of water entering the Dosatron, regardless of variations in flow or pressure, which may occur in the main line.

## Materials conforming to your needs

**Plastics:** polyacetal, polypropylene, polyethylene, polyamide, PVDF, PVC...



**Metals:** aluminium, stainless steel (304 L / 316 L / SAF), Hastelloy, ...



**Elastomers:** AF, VF, nitrile, polyurethane, silicone, EPDM, ...



# Simplicity is the rule

### Technology which is 100 %

- Proportional .....
- Non electric .....
- Integrating all dosing functions .....
- Independent and precise .....
- User-friendly .....
- Installation and maintenance-friendly....
- Environment-respecting .....



# Compatibility as a principle

## 1/Water

flow to be handled\*

## 2/Dosage %

## 3/Options

1.5 m <sup>3</sup> /h	— 0.2 10 —	 PVDF: Special pump body for extremely aggressive products	 IE: (External Injection) recommended for certain corrosive products
2.5 m <sup>3</sup> /h	— 0.07 25 —		
4.5 m <sup>3</sup> /h	— 0.03 8 —		
8 m <sup>3</sup> /h	— 0.2 5 —		
20 m <sup>3</sup> /h	— 0.2 2 —		

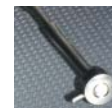
### Optimum compatibility



AF: Recommended seals for alkaline concentrate



VF: Recommended seals for acid concentrate



H: Hastelloy plunger rod, a highly resistant alternative to stainless steel



V: Kit for viscous concentrate recommended for more than 200 cSt



Injection hose: Special material hose and foot strainer available

### Optimum installations



BP: (Integrated by-pass) system of turning product injection on and off.



Belt: additional support for fixed or mobile installations



Kit of legs

Those options allow adapting your Dosatron to your needs. Contact our technical service to help determine what option you may need.

**PATENTED PRODUCTS**  
Each Dosatron unit is factory tested.

Others: Special models, accessories and particular systems: Please consult us

\*for other motor fluids, please contact us.



# The range in detail

Ref.	Dosage		Concentrated product injection (l/h)		Operating pressure (bar)	●: standard - ■: option - ★: not available							
	%	ratio [:]	mini	maxi		VF	AF	PVDF	H	IE	V	BP	LEGS
<b>1.5 m<sup>3</sup>/h range</b>													
<i>FIX</i>													
<b>D 15 F 2</b>	2	[1:50]	0.6	45	0.5 - 5	●	■	■	★	★	★	■	★
<b>D 15 F 3</b>	3	[1:33]	0.4	30	0.5 - 5	●	■	■	★	★	★	■	★
<i>INTERNAL ADJUSTMENT</i>													
<b>D 100 R</b>	0.5 - 0.8 - 1	[1:200 - 1:128 - 1:100]	0.1	15	0.5 - 5	●	■	■	★	★	★	■	★
<i>EXTERNAL ADJUSTMENT</i>													
<b>D 200 RE</b>	0.2 - 2	[1:500 - 1:50]	0.02	30	0.5 - 5	●	■	■	★	■	■	■	★
<b>D 400 RE</b>	0.5 - 4	[1:200 - 1:25]	0.1	60	0.5 - 5	●	■	■	★	■	■	■	★
<b>D 310 RE</b>	3 - 10	[1:33 - 1:10]	0.6	150	0.5 - 5	●	■	■	★	■	■	■	★
<b>2.5 m<sup>3</sup>/h range</b>													
<i>EXTERNAL ADJUSTMENT</i>													
<b>DI 1500</b>	0.07 - 0.2	[1:1500 - 1:500]	0.007	5	0.3 - 6	●	■	■	■	★	★	■	★
<b>DI 05</b>	0.2 - 0.5	[1:500 - 1:200]	0.02	12.5	0.3 - 6	●	■	■	★	★	★	■	★
<b>DI 2</b>	0.5 - 2	[1:200 - 1:50]	0.05	20	0.3 - 6	●	■	■	■	★	■	■	★
<b>DI 150</b>	1 - 5	[1:100 - 1:20]	0.1	125	0.3 - 6	●	■	■	■	★	■	■	★
<b>DI 210</b>	2 - 10	[1:50 - 1:10]	0.2	250	0.5 - 4	●	■	■	★	★	■	■	★
<b>DI 520 (1.5 m<sup>3</sup>/h)</b>	5 - 20	[1:20 - 1:5]	0.5	300	0.5 - 4	●	■	■	■	★	★	■	★
<b>4.5 m<sup>3</sup>/h range</b>													
<i>EXTERNAL ADJUSTMENT</i>													
<b>D 45 RE 3000</b>	0.03 - 0.1	[1:1000 - 1:3000]	0.03	4.5	0.5 - 5	●	■	■	■	★	★	●	★
<b>D 45 RE 1.5</b>	0.2 - 1.5	[1:500 - 1:66]	0.2	67.5	0.5 - 5	●	■	■	■	■	★	●	★
<b>D 45 RE 3</b>	0.5 - 3	[1:200 - 1:33]	0.5	135	0.5 - 5	●	■	■	■	■	★	●	★
<b>D 45 RE 8</b>	3 - 8	[1:33 - 1:12.5]	3	360	0.5 - 5	●	■	■	★	■	★	●	★
<b>8 m<sup>3</sup>/h range</b>													
<i>EXTERNAL ADJUSTMENT</i>													
<b>D 8 R</b>	0.2 - 2	[1:500 - 1:50]	1	160	0.15 - 8	●	■	★	★	★	■	●	■
<b>D 8 R 150</b>	1 - 5	[1:100 - 1:20]	5	400	0.15 - 8	●	■	★	★	★	■	●	■
<b>20 m<sup>3</sup>/h range</b>													
<i>EXTERNAL ADJUSTMENT</i>													
<b>D 20 S</b>	0.2 - 2	[1:500 - 1:50]	2	400	0.12 - 10	●	■	★	★	★	★	●	●



**DOSATRON®**

WATER POWERED DOSING TECHNOLOGY

ISO 9001 : 2000 Quality System Certified

CUSTOMER SERVICE - SERVICE CLIENTÈLE

**DOSATRON INTERNATIONAL**

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