

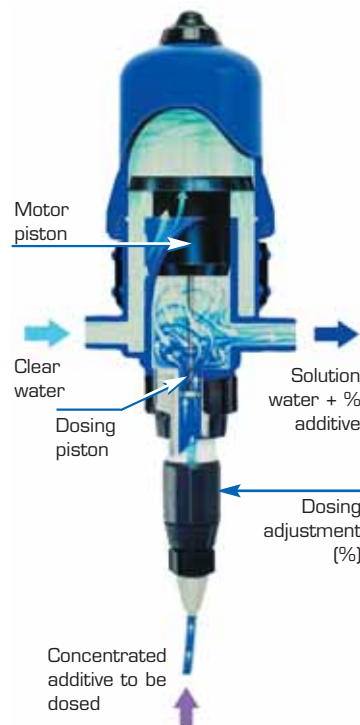


**DOSATRON®**

*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

0.7 m <sup>3</sup> /h	— — 0.15 5.5 —		
1.5 m <sup>3</sup> /h	— — 0.2 10 —		
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 —		

**PVDF:** Special pump body for extremely aggressive products

**IE:** (External Injection) recommended for certain corrosive products

### 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.

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 or not necessary							
	%	ratio [-]	mini	maxi		VF	AF	PVDF	H	IE	V	BP	LEGS
<b>0.7 m<sup>3</sup>/h range (5 l/h mini - 0.7 m<sup>3</sup>/h maxi) -</b>						3/4" M BSP-NPT ø 20 x 27 mm							
<i>EXTERNAL ADJUSTMENT</i>													
<b>D 07 RE 125</b>	0.15 - 1.25	[1:666 - 1:80]	0.0075	8.75	0.3 - 6	●	■	★	★	★	●	★	
<b>D 07 RE 5</b>	0.8 - 5.5	[1:128 - 1:20]	0.8	38.5	0.3 - 6	●	■	★	★	★	●	★	
<b>1.5 m<sup>3</sup>/h range (10 l/h mini - 1.5 m<sup>3</sup>/h maxi) -</b>						3/4" M BSP- NPT Ø 20 x 27 mm							
<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 (10 l/h mini - 2.5 m<sup>3</sup>/h maxi) -</b>						3/4" M BSP- NPT Ø 20 x 27 mm							
<i>EXTERNAL ADJUSTMENT</i>													
<b>DI 1500</b>	0.07 - 0.2	[1:1500 - 1:500]	0.007	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 110</b>	1 - 10	[1:100 - 1:10]	0.1	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 (100 l/h mini - 4.5 m<sup>3</sup>/h maxi) -</b>						1"1/4 M BSP Ø 33 x 42 mm							
<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 (500 l/h mini - 8 m<sup>3</sup>/h maxi) -</b>						1"1/2 M compression fittings Ø 40 x 49 mm							
<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 (1m<sup>3</sup>/h mini - 20 m<sup>3</sup>/h maxi) -</b>						2" M compression fittings Ø 50 x 60 mm							
<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**

Rue Pascal - B.P. 6 - 33370 TRESSES (BORDEAUX) - FRANCE  
**Tel. 33 (0)5 57 97 11 11 - Fax. 33 (0)5 57 97 11 29 / 33 (0)5 57 97 10 85**  
**e.mail : info@dosatron.com - http://www.dosatron.com**

S.A. DOSATRON INTERNATIONAL au capital de 3 050 000 EUROS - SIRET BORDEAUX 418 826 822 00011 - APE 291 B - N° TVA/VAT : FR96418226822

This document does not form a contractual engagement on the part of Dosatron International and is for information only. Dosatron International reserves the right to alter product specification or appearance without prior notice. © DOSATRON INTERNATIONAL S.A. 2004.