

# The range in detail

Adjustable injection rate      Concentrated product injection (l/h)      Operating pressure

● : standard  
■ : option  
★ : not necessary for this model  
▲ : please contact us

Ref.	%	ratio [-]	mini.	maxi.	(Bar)	AF	VF	K	PVDF	H	IE	V	BP
<b>0.7 m³/h range (5 l/h mini - 0.7 m³/h maxi) -</b> 3/4" M BSP-NPT ø 20 x 27 mm													
D 07 RE 125	0.15 - 1.25	[1:666 - 1:80]	0.0075	8.75	0.3 - 6	■	●	▲	■	★	▲	▲	●
D 07 RE 5	0.8 - 5.5	[1:128 - 1:20]	0.8	38.5	0.3 - 6	■	●	■	■	★	▲	▲	●
<b>2.5 m³/h range - DIA (4.5 l/h mini - 2.5 m³/h maxi) -</b> 3/4" M BSP-NPT ø 20 x 27 mm													
DIA 2 F	2	[1:50]	0.051	0.025	0.15 - 5.5	★	●	★				■	■
DIA 4 RE	1 - 4	[1:100 - 1:25]	0.026	0.36	0.15 - 4	★	●	★				■	■
<b>2.5 m³/h range - D25 (10 l/h mini - 2.5 m³/h maxi) -</b> 3/4" M BSP-NPT ø 20 x 27 mm													
D 25 RE 1500	0.07 - 0.2	[1:1500 - 1:500]	0.007	5	0.3 - 6	■	●	▲	■	▲	▲	▲	■
D 25 RE 09	0.1 - 0.9	[1:1000 - 1:111]	0.01	22.5	0.3 - 6	■	●	■	■	★	▲	▲	■
D 25 RE 2	0.2 - 2	[1:500 - 1:50]	0.02	50	0.3 - 6	■	●	■	■	★	■	■	■
D 25 RE 5	1 - 5	[1:100 - 1:20]	0.1	125	0.3 - 6	■	●	▲	■	★	■	■	■
D 25 RE 10 <sup>(1)</sup>	3 - 10	[1:33 - 1:10]	0.3	200	0.3 - 4	■	●	■	■	▲	■	■	■
<b>3 m³/h range - D3 (10 l/h mini - 3 m³/h maxi) -</b> 3/4" M BSP-NPT ø 20 x 27 mm													
D 3 RE 3000	0.03 - 0.3	[1:3000 - 1:333]	0.003	9	0.3 - 6	■	●	▲	■	▲	▲	▲	■
D 3 RE 2	0.2 - 2	[1:500 - 1:50]	0.02	60	0.3 - 6	■	●	■	■	★	▲	■	■
D 3 RE 5	0.5 - 5	[1:200 - 1:20]	0.05	150	0.3 - 6	■	●	■	■	★	▲	■	■
D 3 RE 10	1 - 10	[1:100 - 1:10]	0.1	300	0.3 - 6	■	●	■	■	★	▲	■	■
D 3 RE 25 <sup>(1)</sup>	5 - 25	[1:20 - 1:4]	0.5	500	0.3 - 4	■	●	▲	■	▲	▲	▲	■
<b>4.5 m³/h range (100 l/h mini - 4.5 m³/h maxi) -</b> 1"1/4" M BSP ø 33 x 42 mm													
D 45 RE 3000	0.03 - 0.1	[1:1000 - 1:3000]	0.03	4.5	0.5 - 5	■	●	▲	■	■	▲	▲	●
D 45 RE 1.5	0.2 - 1.5	[1:500 - 1:66]	0.2	67.5	0.5 - 5	■	●	■	■	▲	■	▲	●
D 45 RE 3	0.5 - 3	[1:200 - 1:33]	0.5	135	0.5 - 5	■	●	▲	■	■	■	▲	●
D 45 RE 8	3 - 8	[1:33 - 1:12.5]	3	360	0.5 - 5	■	●	■	■	▲	■	▲	●
<b>8 m³/h range (500 l/h mini - 8 m³/h maxi) -</b> 1"1/2" M compression fittings ø 40 x 49 mm													
D 8 RE 2	0.2 - 2	[1:500 - 1:50]	1	160	0.15 - 8	■	●	■	★	★	★	★	■
D 8 RE 5	1 - 5	[1:100 - 1:20]	5	400	0.15 - 8	■	●	■	★	★	★	★	■
<b>Gamme 20 m³/h (1m³/h mini - 20 m³/h maxi) -</b> 2" M compression fittings ø 50 x 60 mm													
D 20 S	0.2 - 2	[1:500 - 1:50]	2	400	0.12 - 10	■	●	▲	▲	▲	▲	▲	●

Each D20S comes with a Kit of legs and this option is also available for the D8R (not necessary for the other ranges)

<sup>(1)</sup>2 m³/h limit



**DOSATRON®**

WATER POWERED DOSING TECHNOLOGY

CUSTOMER SERVICE - SERVICE CLIENTÈLE

**DOSATRON INTERNATIONAL S.A.S.**  
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](mailto:info@dosatron.com) - <http://www.dosatron.com>

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.S. 2004.

CFC/CB/09/12



**DOSATRON®**

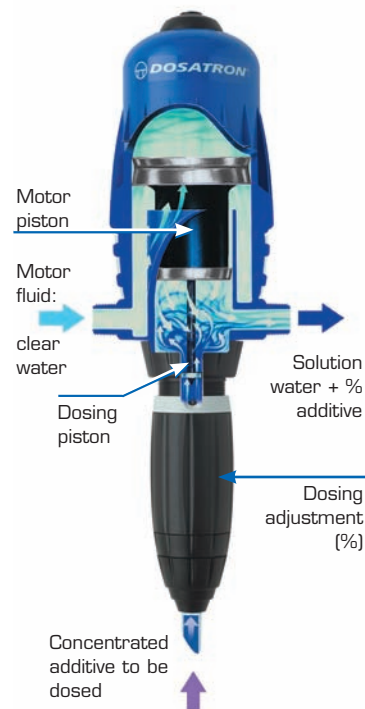
WATER POWERED DOSING TECHNOLOGY

Water powered  
metering pumps



## Compatibility as a principle

### Efficiency without electricity

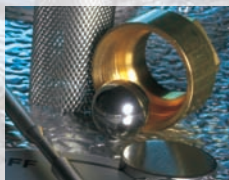


### Materials conforming to your needs

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



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



**Elastomers:** AF, VF, nitrile, polyurethane, silicone, EPDM-HT, K...



## Simplicity is the rule

### Technology which is 100 %

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

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.

### 1/Flow of the water to be treated\* 2/Dosage % 3/Options

Flow (m³/h)	Dosage %	Options
0.7	0.15, 5.5	PVDF housing for highly concentrated acids and other aggressive concentrates; IE: (External Injection) recommended for certain corrosive concentrates or polymers
DIA	1, 4	
2.5	0.07, 10	
3	0.03, 25	
4.5	0.03, 8	
8	0.2, 5	
20	0.2	

### Optimum compatibility

Recommended seals:

AF: for alkaline concentrates  
VF: for acids, oils, odour-or pest control concentrates

K: for highly concentrated acids (> 15 %) - systematically PVDF.

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

V: Kit for viscous concentrate recommended for more than 200 or 400 cPs (depending on model)

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 and registered.

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

\*for other motor fluids, please contact us.