

# 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



CUSTOMER SERVICE - SERVICE CLIENTÈLE

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CFC/CB/09/12



Water powered  
metering pumps



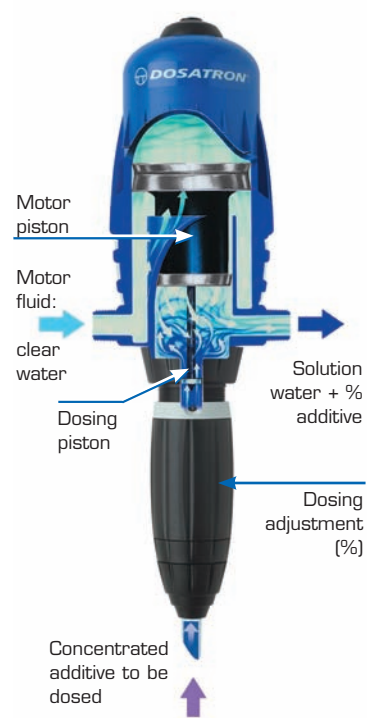
**DOSATRON**

WATER POWERED DOSING TECHNOLOGY



## 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...



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.

## 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

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

1/Flow of the water to be treated*	2/Dosage %	3/Options
0.7 m³/h	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 m³/h	1 4	
2.5 m³/h	0.07 10	
3 m³/h	0.03 25	
4.5 m³/h	0.03 8	
8 m³/h	0.2 5	
20 m³/h	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.