

The range in detail

Ref.	Adjustable injection rate		Concentrated product injection (l/h)		Operating pressure (Bar)	Options							
	%	ratio [.]	mini.	maxi.		AF	VF	K	PVDF	H	IE	V	BP
0.7 m³/h range (5 l/h mini - 0.7 m³/h maxi) -													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	■	●	■	■	★	▲	▲	●
2.5 m³/h range - D25 (10 l/h mini - 2.5 m³/h maxi) -													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 ⁽¹⁾	3 - 10	[1:33 - 1:10]	0.3	200	0.3 - 4	■	●	■	■	▲	■	■	■
3 m³/h range - D3 (10 l/h mini - 3 m³/h maxi) -													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 IE ⁽¹⁾	5 - 25	[1:20 - 1:4]	0.5	500	0.3 - 4	■	●	▲	■	▲	▲	▲	■
4.5 m³/h range (100 l/h mini - 4.5 m³/h maxi) -													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	■	●	■	■	▲	■	▲	●
8 m³/h range (500 l/h mini - 8 m³/h maxi) -													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	■	●	★	★	★	★	★	■
Gamme 20 m³/h (1m³/h mini - 20 m³/h maxi) -													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 D8 (not necessary for the other ranges)

⁽¹⁾2 m³/h limit



CUSTOMER SERVICE - SERVICE
CLIENTÈLE

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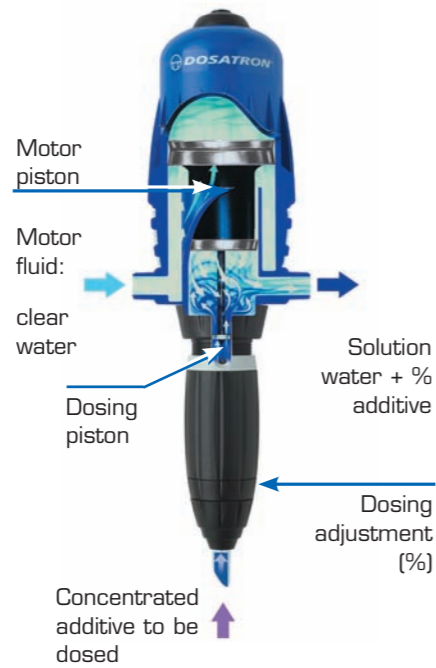
WATER POWERED DOSING TECHNOLOGY

Water powered
metering pumps

Crédit photo : Dosatron - Studio C. Prigent

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
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 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 concentration 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.