

Water powered
metering pumps



DOSATRON[®]

WATER POWERED DOSING TECHNOLOGY

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, Peek, PVDF, PVC...

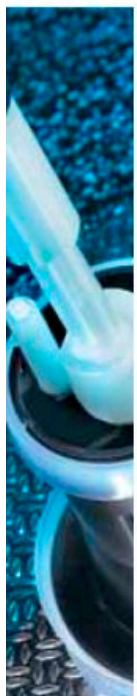
Metals: aluminium, stainless steel (304 L / 316 L / SAF), Hastelloy, ...

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



Compatibility as a principle

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

Optimum compatibility

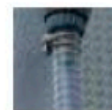


Recommended seals:

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



2.5
m³/h

—
0.07
10
—



3
m³/h

—
0.05
25
—

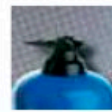


4.5
m³/h

—
0.03
8
—



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



8
m³/h

—
0.2
5
—

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

Each Dositron unit is factory tested and registered.



20
m³/h

—
0.2
2
—

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

*for other motor fluids, please contact us.

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 2000⁽²⁾	0.05 - 0.3	[1:2000 - 1:333]	0.005	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	0.5 - 6	■	●	■	■	★	▲	■	■
D 3 RE 25⁽¹⁾⁽²⁾	5 - 25	[1:20 - 1:4]	0.5	500	0.5 - 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 R	0.2 - 2	[1:500 - 1:50]	1	160	0.15 - 8	■	●	▲	▲	▲	▲	■	●
D 8 R 150	1 - 5	[1:100 - 1:20]	5	400	0.15 - 8	■	●	■	■	■	■	■	●
20 m³/h range (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 D8R (not necessary for the other ranges)

⁽¹⁾2 m³/h limit - ⁽²⁾in development



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CUSTOMER SERVICE - SERVICE CLIENTÈLE

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