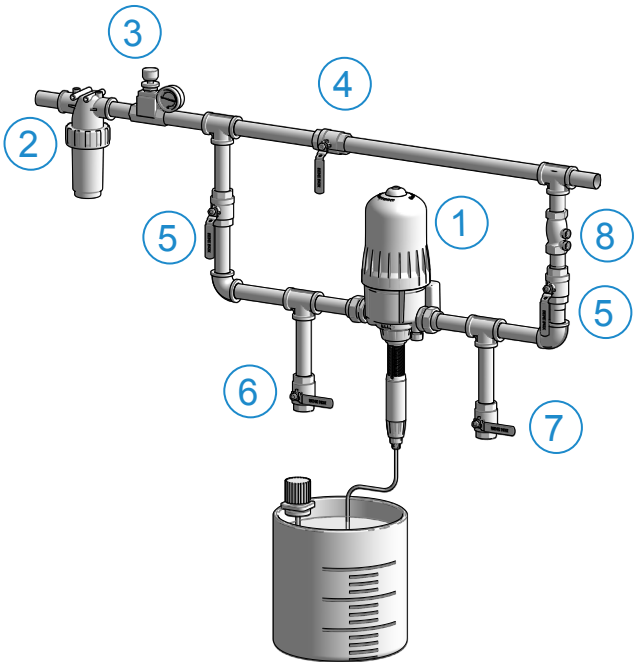
D9WL
OFF-ROAD
Simple dosing off-road

- Designed for water purification, treatment and disinfection
- Works without electricity
- Allows fully proportional dosing, regardless of flow and pressure variations
- Self-priming and accepting degassing
- Start-up without electrical authorization

STANDARD INSTALLATION

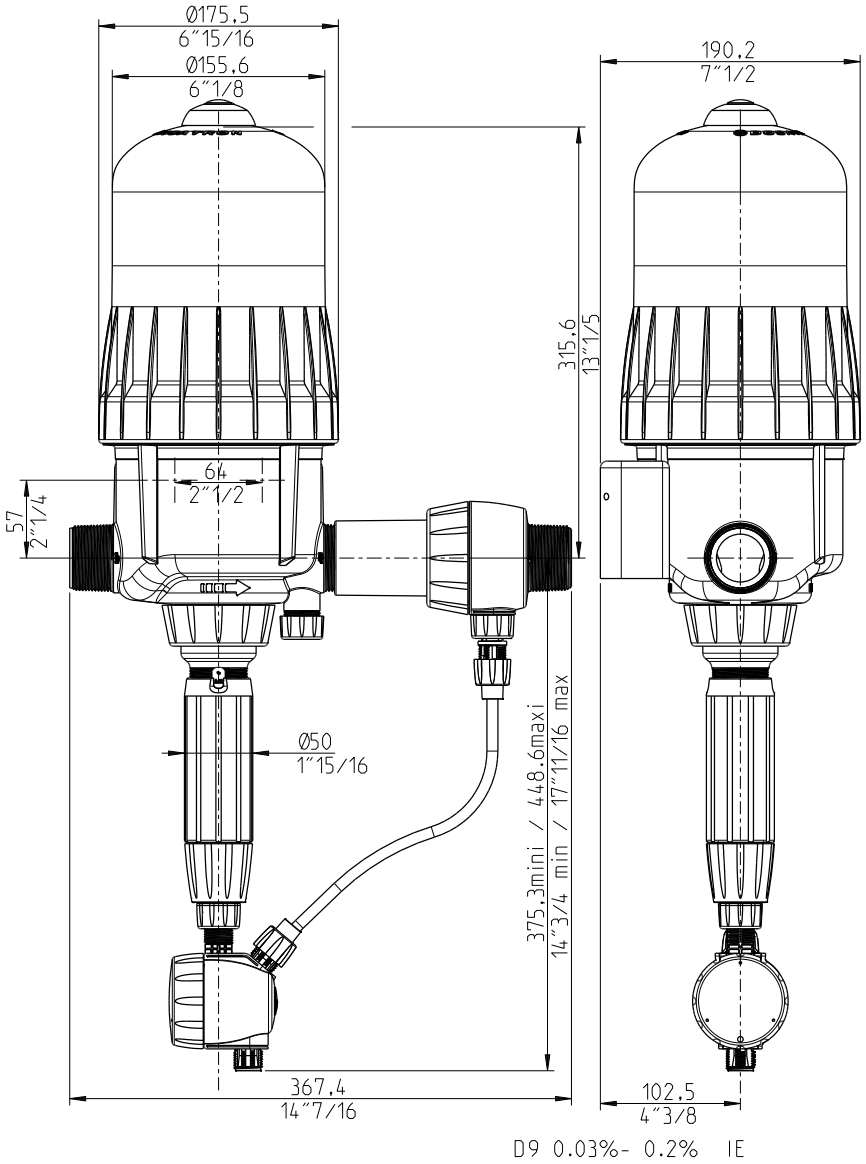
1. D9WL
2. Filter
3. Pressure reducing valve
4. By-pass valve
5. Isolation valves
6. Clear water valve:
   preparing the stock solution
7. Fast priming valve/ rinsing/
   Dosatron test valve
8. Non-return valve



SPECIFICATIONS

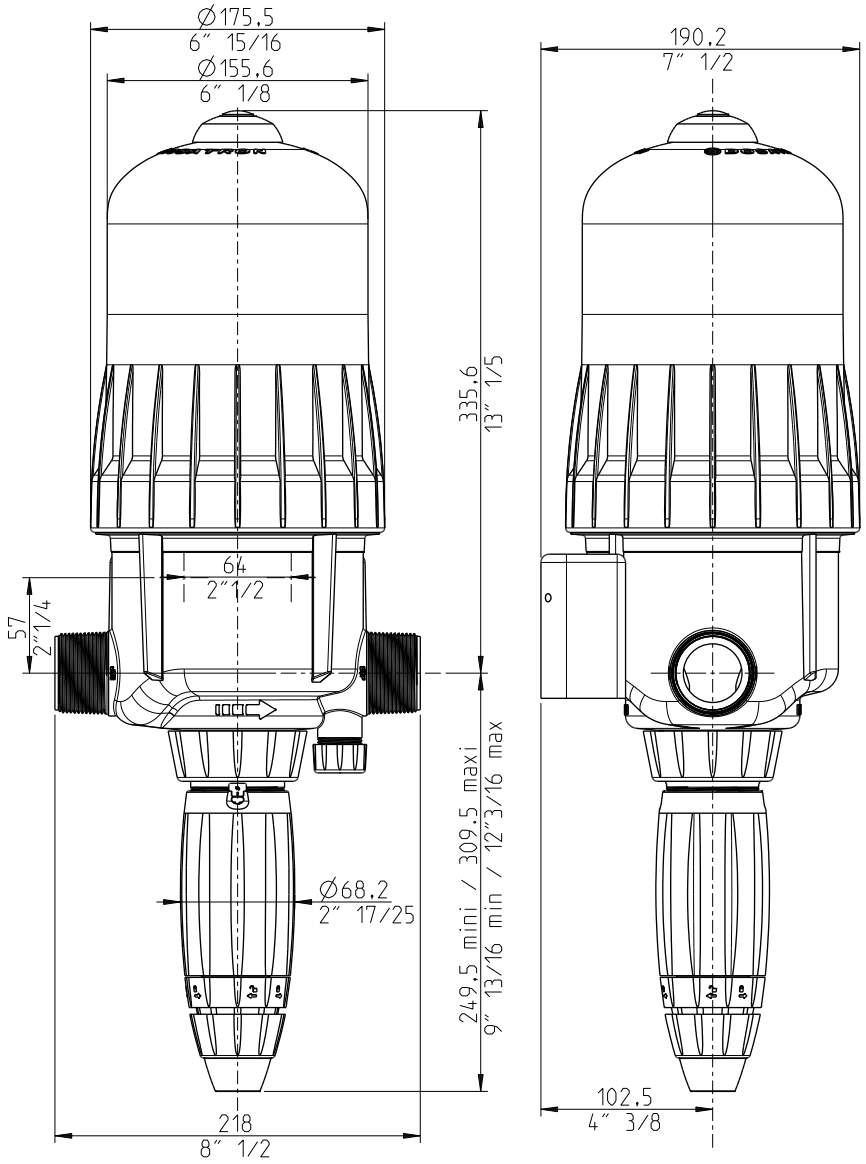
		D9WL3000IE		D9WL3000		D9WL2		D9WL5	
		Min	Max	Min	Max	Min	Max	Min	Max
Operating water flow	l/h	500	9000	500	9000	500	9000	500	9000
	m^3/h	0.5	9	0.5	9	0.5	9	0.5	9
	gpm	2.2	40	2.2	40	2.2	40	2.2	40
Operating pressure	bar	0.5	8	0.3	8	0.3	8	0.5	8
	psi	7.2	116	4.3	116	4.3	116	7.2	116
Pressure loss	bar	0.5	1.7	0.3	1.2	0.3	1.2	0.5	1.2
	psi	7.2	24.7	4.3	17.4	4.3	17.4	7.2	17.4
Injection rate	%	0.03	0.2	0.03	0.2	0.2	2	1	5
	1:	3000	500	3000	500	500	50	100	20
Injection flow rate	l/h	0.15	18	0.15	18	1	180	5	450
	gpm	0.08	10.14	0.08	10.14	0.0044	0.79	0.022	1.98

REQUIREMENTS



		D9WL3000IE	
Pump weight	kg	3.3	
	lbs	7.3	
Pump dimensions		**Mm**	**Inch**
	Diameter	175.5	6" 15/16
	Height	678.2	26" 11/16
	Width	368	14" 7/16
Packaging weight	kg	~5.5	
	lbs	~12.1	
Packaging dimensions		**Cm**	**Inch**
	Diameter	67	26" 3/8
	Height	22.5	8" 7/8
	Width	20.5	8" 1/16

REQUIREMENTS



D9 0.2% - 2%

		D9WL3000		D9WL2		D9WL5	
Pump weight	kg	3.3		3.3		3.3	
	lbs	7.3		7.3		7.3	
Pump dimensions		**Mm**	**Inch**	**Mm**	**Inch**	**Mm**	**Inch**
	Diameter	175.5	6" 15/16	175.5	6" 15/16	175.5	6" 15/16
	Height	678.2	26" 11/16	678.2	26" 11/16	701.5	27" 3/16
	Width	218	8" 1/2	218	8" 1/2	218	8" 1/2
Packaging weight	kg	~5.5		~5.5		~5.5	
	lbs	~12.1		~12.1		~12.1	
Packaging dimensions		**Cm**	**Inch**	**Cm**	**Inch**	**Cm**	**Inch**
	Diameter	67	26" 3/8	67	26" 3/8	67	26" 3/8
	Height	22.5	8" 7/8	22.5	8" 7/8	22.5	8" 7/8
	Width	20.5	8" 1/16	20.5	8" 1/16	20.5	8" 1/16

FEATURES

		D9WL	
		Min	Max
Operating temperature	°C	5	40
	°F	41	104
Motor capacity	L	1.7	
	US GALL	0.45	
Water flow calculation	Number of clacks /15 sec	l/h	GPM
	4	820	3.6
	8	1640	7.2
	16	3280	14.5
	32	6500	29
	40	8000	36
	44	9000	40
Connections	Type	NPT/BSP mâle Ø 40x49 mm	
	Inch	1" 1/2	

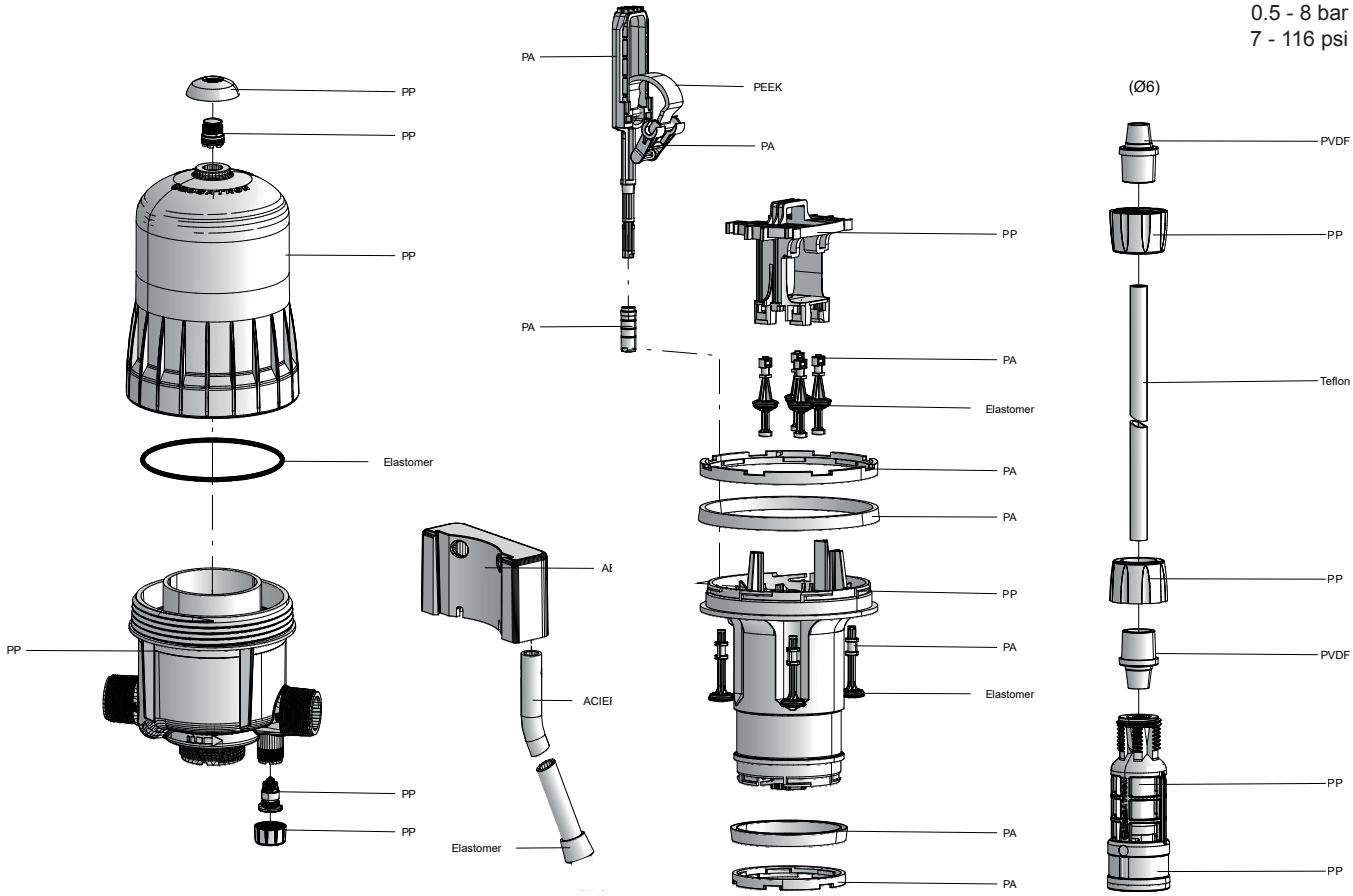
EQUIPMENTS

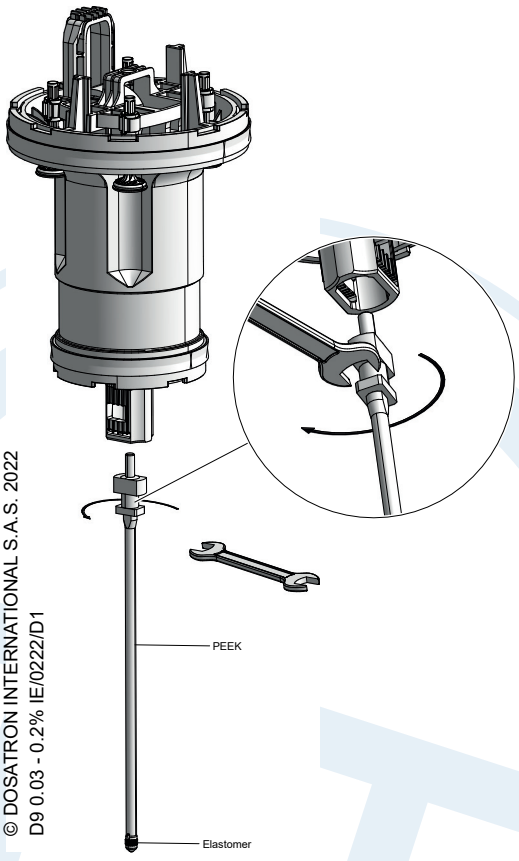
		D9WL3000		D9WL3000IE		D9WL2		D9WL5	
		Serial	Optional	Serial	Optional	Serial	Optional	Serial	Optional
Dosing seals	VF	x		x		x		x	
	AF	x		x		x			
	FFKM		x				x		
Bleed		x		x		x		x	
Manual By-pass			x		x		x		x
External injection			x	x					
Clack n'Track			x		x		x		
Wall support		x		x		x		x	
Legs			x		x		x		x
Suction hose	1,75 m	x		x		x		x	
Strainer	filtre 100µ	x		x		x		x	
Certifications	ACS		x		x		x		
	NSF		x		x		x		

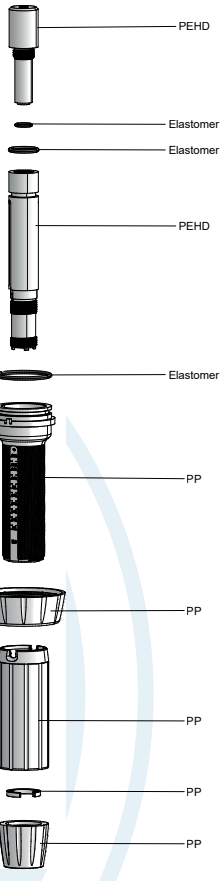
MATERIALS

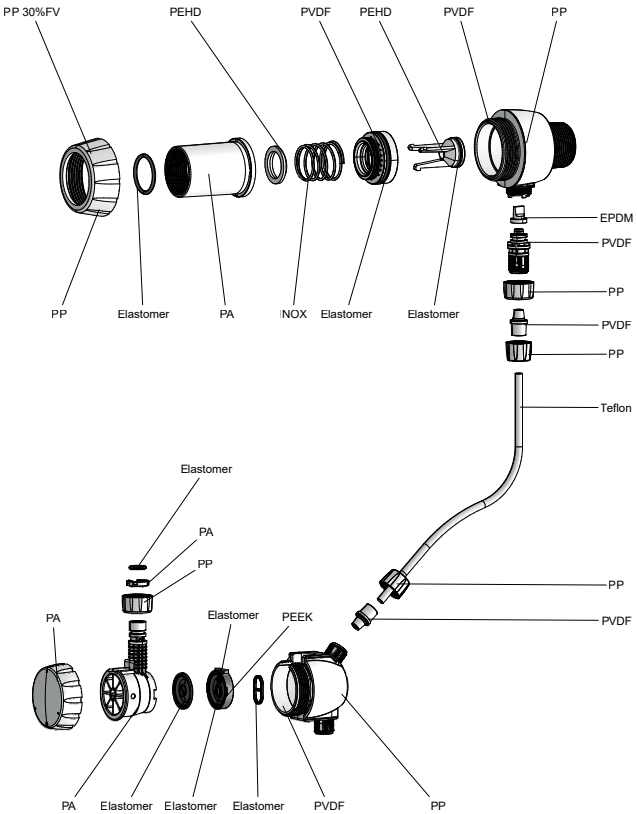
D9 0.03 - 0.2% IE

9m³/h - 0.03 - 0.2%
40 GPM - 1:3000 - 1:500
0.5 - 8 bar
7 - 116 psi



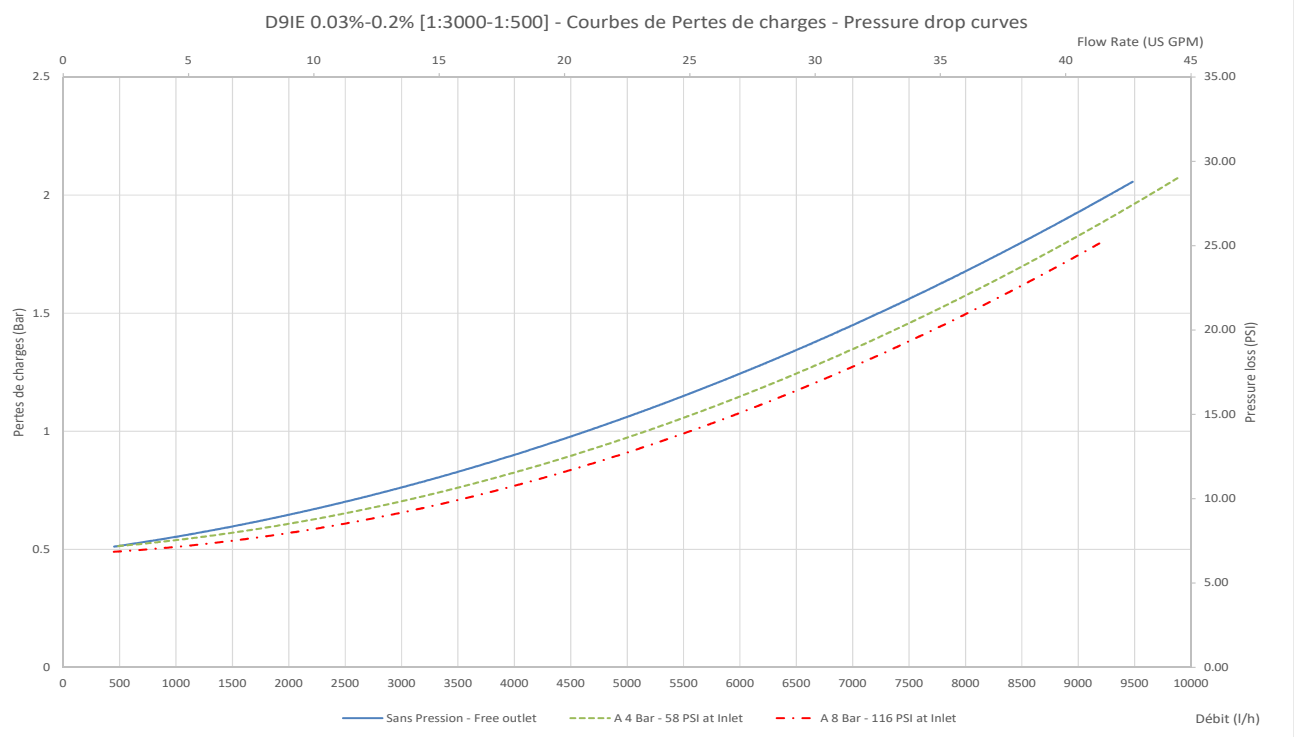




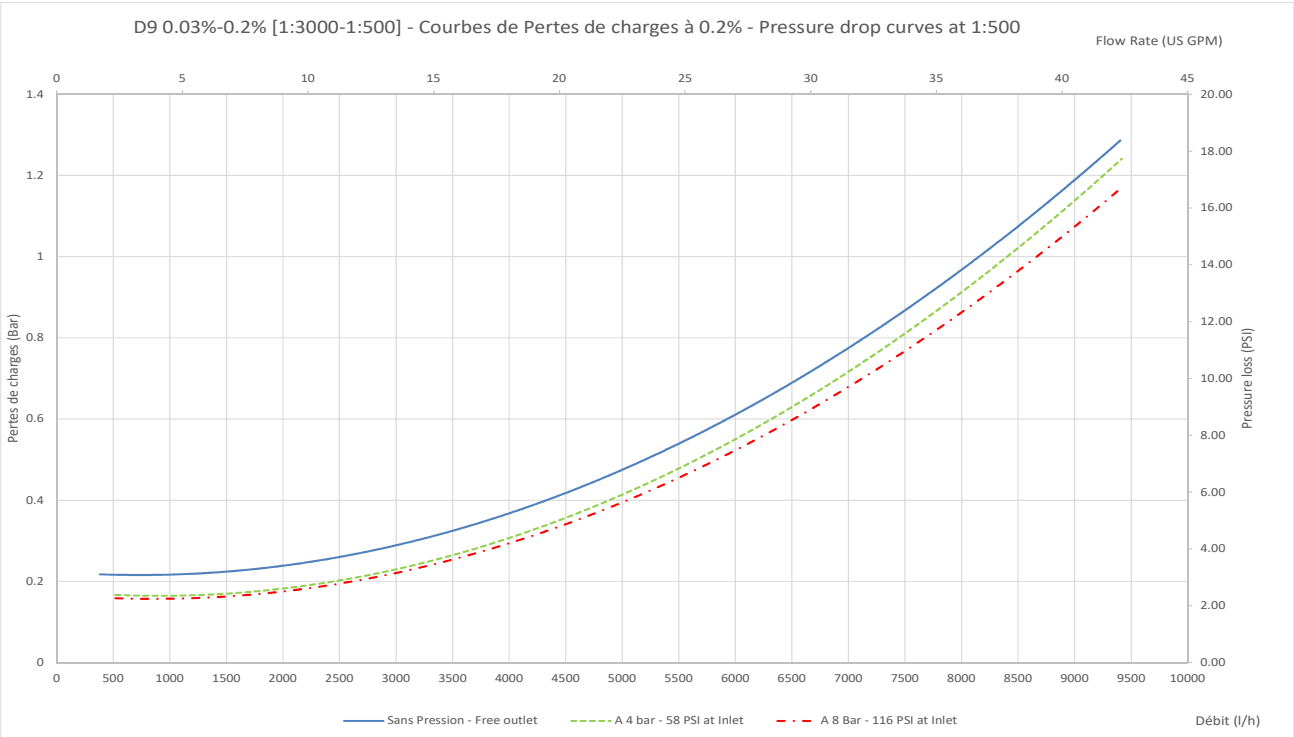


CURVES - PRESSURE LOSS

D9WL3000IE

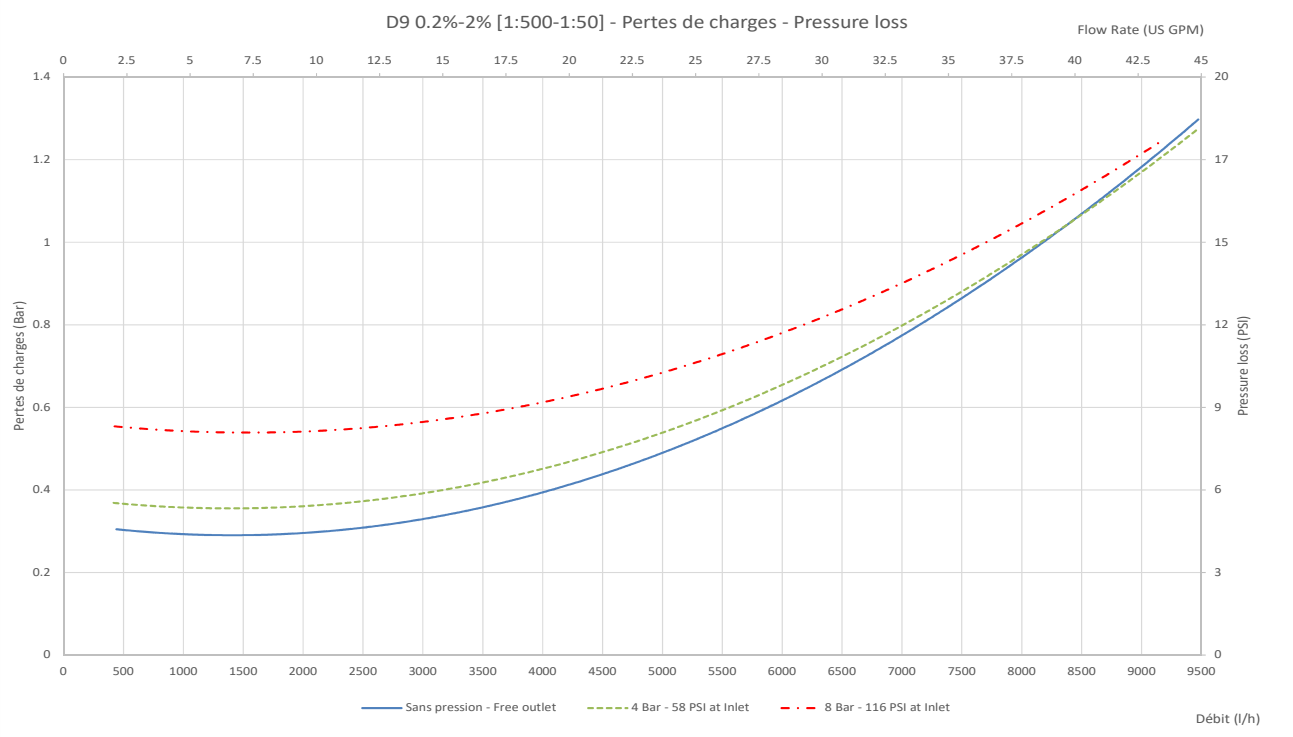


D9WL3000

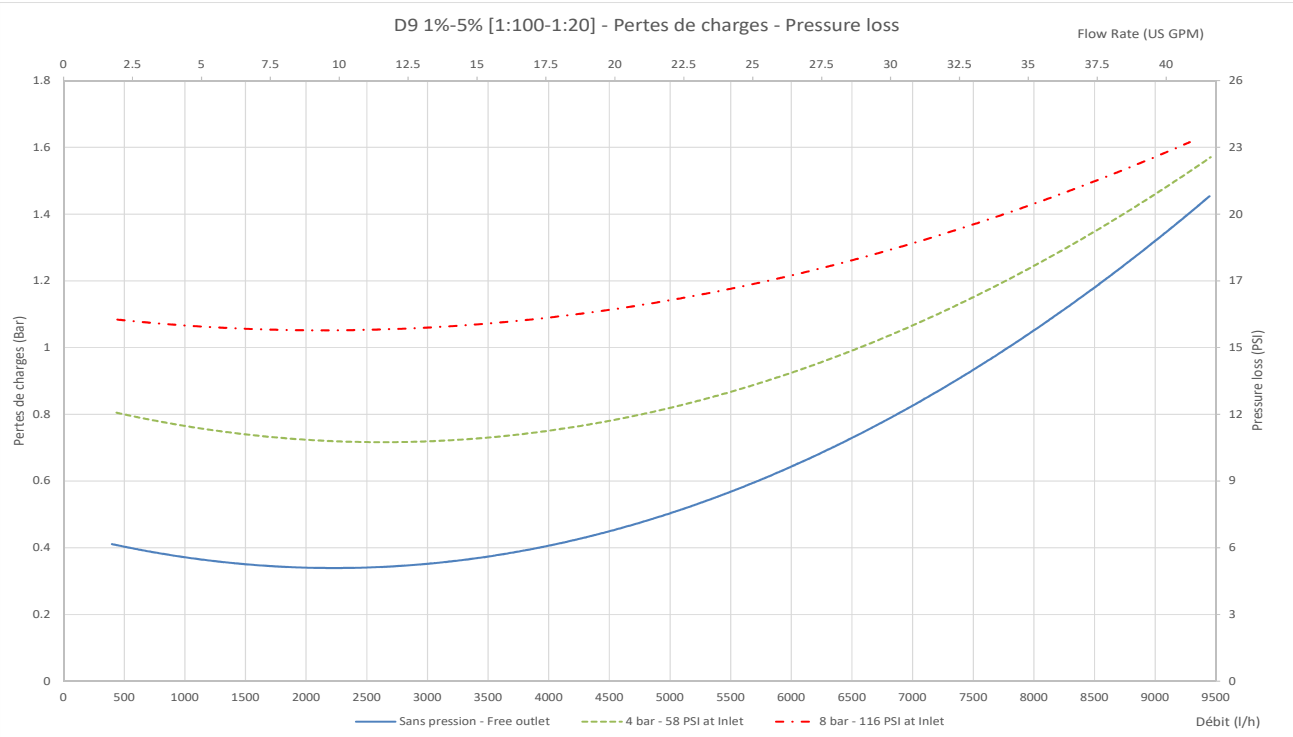


CURVES - PRESSURE LOSS

D9WL2



D9WL5



CHEMICAL COMPATIBILITY

Notes

These indications reflect the use of our dosing pumps in optimum conditions. It is essential to take account of the actual conditions, that is to say the pressure, flow rate, temperature, chemical composition of the water present, etc., which are all factors influencing compatibility results.

We recommend that you contact your distributor or our services if you have any doubts or if any products are not mentioned.

Products	Chlore								
	Sodium Hypochlorite Naclo 13%			Sodium Hypochlorite 8,5%			Calcium Hypochlorite CaClo 65%		
Concentration	low	average	high	low	average	high	low	average	high
	1 g/l	10 g/l	130 g/l	1 g/l	10 g/l	85 g/l	1 g/l	10 g/l	158 g/l
D9WL3000IEAF	●	●	●	●	●	●	●	●	●
D9WL3000AF	●	●	●	●	●	●	●	●	●
D9WL2AF	●	●	●	●	●	●	●	●	●
D9WL3000VF	●	●	●	●	●	●	●	●	●
D9WL2VF	●	●	●	●	●	●	●	●	●
D9WL3000VFK	●	●	●	●	●	●	●	●	●
D9WL2VFK	●	●	●	●	●	●	●	●	●
D9WL5VF	●	●	●	●	●	●	●	●	●

Compatibility key

● VG very good ● G good ● NC not compatible

Products	Electrolysis chlorine			Sodium Dichloroisocyanurate			Hydrogene peroxyde			Polymeres
				DCCNa			H202			
Concentration	low	average	high	low	average	high	low	average	high	Pure
	2 g/l	3 g/l	5 g/l	5 g/l	10 g/l	> 10 g/l			500 g/l	
D9WL3000IEAF	VG	VG	VG	NC	NC	NC	NC	NC	NC	
D9WL3000AF	VG	G	G	NC	NC	NC	NC	NC	NC	
D9WL2AF	VG	G	G	NC	NC	NC	NC	NC	NC	
D9WL3000VF	VG	G	G	VG	VG	NC	VG	G	NC	
D9WL2VF	VG	G	G	VG	VG	NC	VG	G	NC	
D9WL3000VFK	VG	G	G	VG	VG	NC	VG	VG	NC	
D9WL2VFK	VG	G	G	VG	VG	NC	VG	VG	NC	
D9WL5VF	NC	NC	NC	NC	NC	NC	NC	NC	NC	VG

Compatibility key

VG very good G good NC not compatible

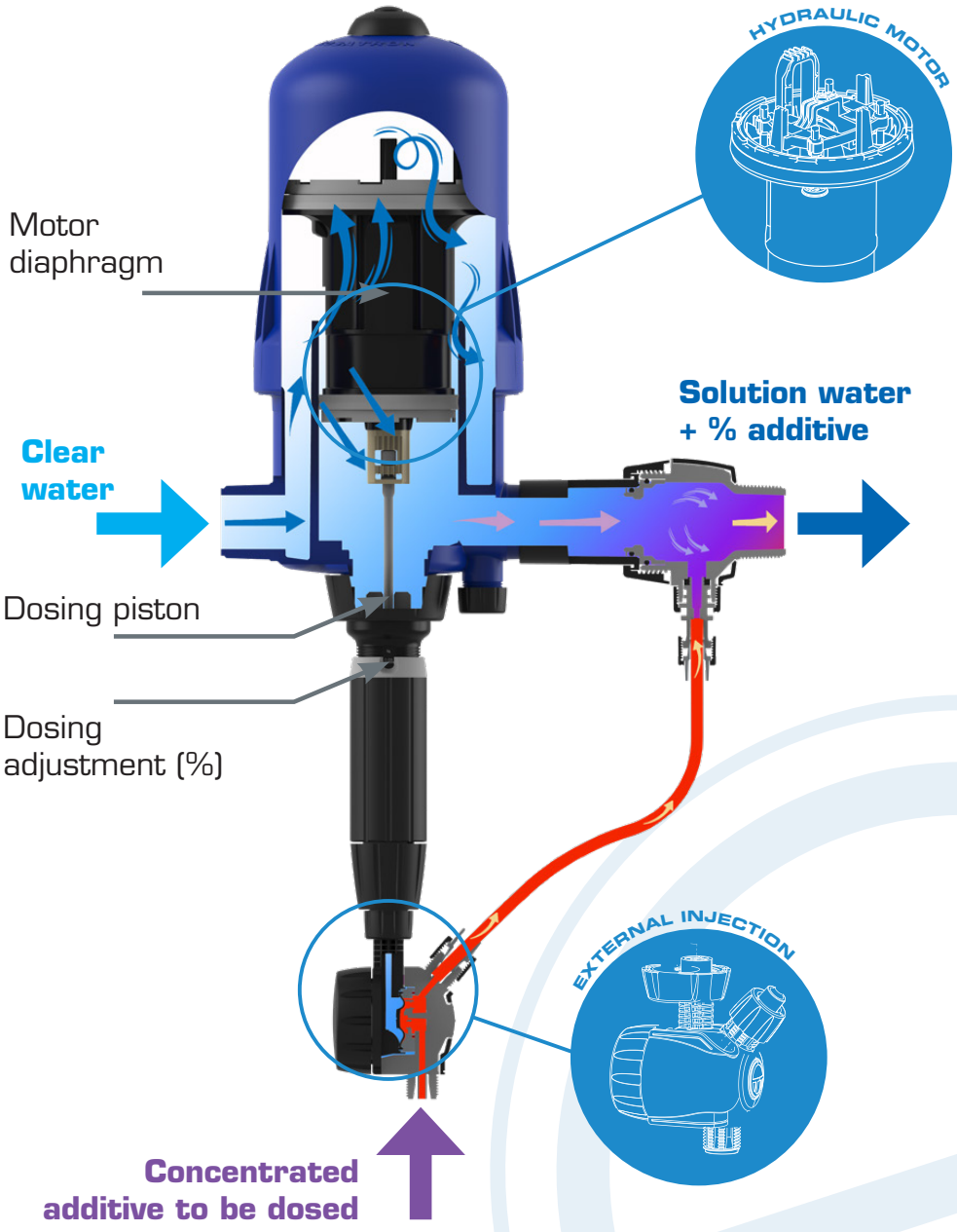
DOSATRON TECHNOLOGY

A unique technology associating all dosing functions

Installed directly in the water supply line, the **Dosatron** operates by using water pressure as the only power source. Activated in this way, it draws in the concentrated product, doses it at the desired ratio and mixes it with the motive water.

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.

The concentration of the solution always remains the same.



CLACK N'TRACK OPTIONAL

Determine remotely:

- The amount of treated water
- Whether the pump is running or not
- The right time to service your pump - save time on travel

It is fitted to the bleed valve and detects when the pump motor is in the up position, indicating one motor piston cycle.

Like a switch, it closes the circuit and makes contact with a data logger.

One motor cycle corresponds to a volume with a given hydraulic motor capacity, which enables us to determine the volume and/or flow rate.

Technical characteristics of the wired sensor	
Rated voltage (max recommended / max absolute)	15 VDC / 50 VDC
Rated current (max recommended / max absolute)	50 µA / 0.7 A
Contact	Dry contact reed switch
Electrical connection	AWG 26/0.129 mm²
Cable length	5 m
Sheath material	UL 20549 TPU

Technical specifications for setting up a data logger	
Pulse frequency	0 to 2 Hz
Minimum pulse duration	10 ms
1 pulse for a D3	0,45 liter
1 pulse for a D30	4,5 liters
1 pulse for a D9	1,5 liters

Dry contact, motor cycle pulse transmitter connected to the data logger (not supplied).

EASY CONNECTION
for data transmission

DOSATRON®
Because life is powered by water®

www.dosatron.com

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Your daily assistant

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