



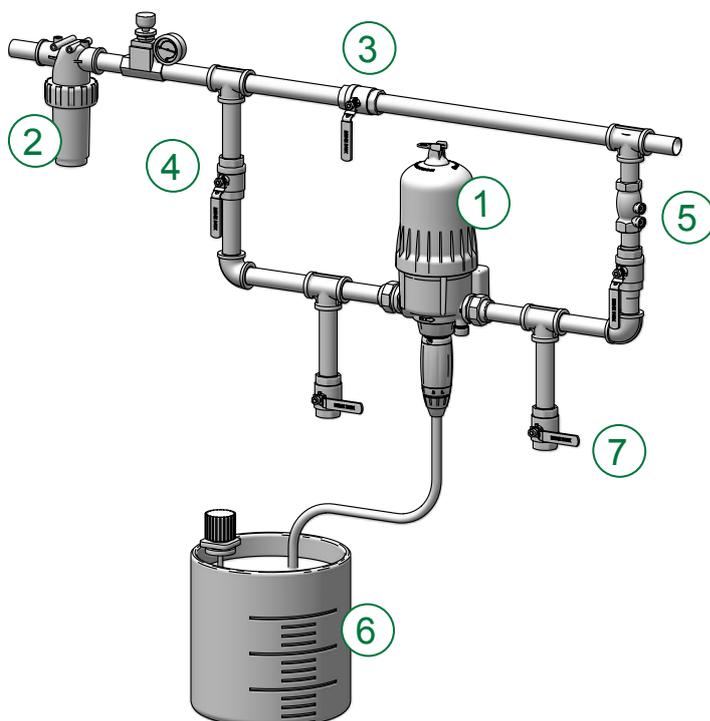
## D9GLBP

### The fertigation reference

- Ideal in harsh hydraulic conditions
- Convenient maintenance
- Optimized chemical resistance
- Enhanced reliability thanks to an extremely optimized design

## STANDARD INSTALLATION

- ① D9GLBP
- ② Main filter
- ③ Main valve
- ④ Dosing valve
- ⑤ Non return valve
- ⑥ Stock solution
- ⑦ Fast priming, sampling and rinsing

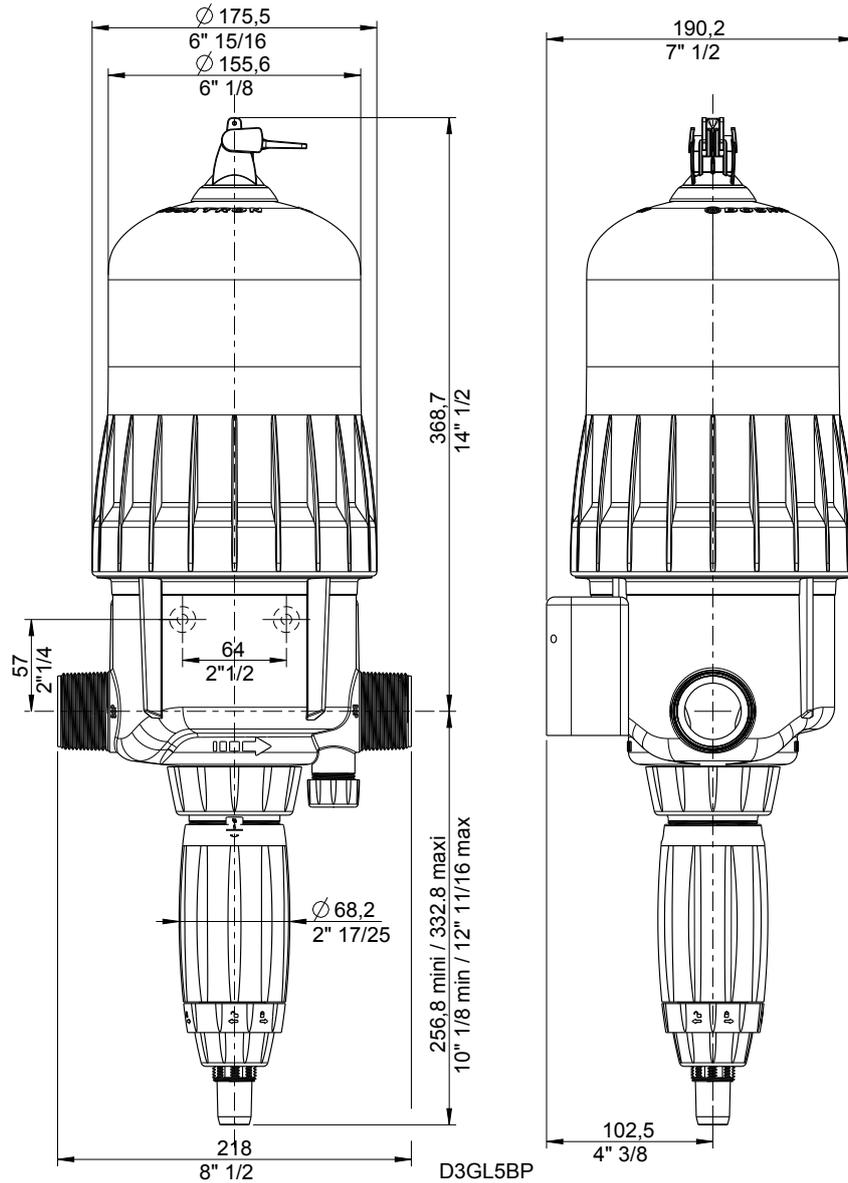


## SPECIFICATIONS

		D9GL2BP		D9GL5BP	
		Min	Max	Min	Max
Operating water flow	l/h	500	9000	500	9000
	m <sup>3</sup> /h	0.5	9	0.5	9
	gpm	2.2	40	2.2	40
Operating pressure	bar	0.3	8	0.5	8
	psi	4.3	116	7.25	116
Pressure loss	bar	0.3	1.3	0.35	1.6
	psi	4.3	18.85	5	23.2
Adjustable dosing	%	0.2	2	1	5
	1:	500	50	100	20
Injection flow rate	l/h	1	180	5	450
	gpm	0.0044	0.79	0.022	1.98

# REQUIREMENTS

dimensions in mm



IRRIGATION

		<b>D9GL2BP</b>		<b>D9GL5BP</b>	
<b>Pump weight</b>	kg	3.3		3.3	
	lbs	7.3		7.3	
<b>Pump dimensions</b>		<b>mm</b>	<b>inch</b>	<b>mm</b>	<b>inch</b>
	Diameter	175.5	6 15/16"	175.5	6 15/16"
	Height	678.2	26 11/16"	701.5	27 3/16"
	Width	218	8 1/2"	218	8 1/2"
<b>Packaging weight</b>	kg	~5.5		~5.5	
	lbs	~12.1		~12.1	
<b>Packaging dimensions</b>		<b>cm</b>	<b>inch</b>	<b>cm</b>	<b>inch</b>
	Diameter	67	26 3/8"	67	26 3/8"
	Height	22.5	8 7/8"	22.5	8 7/8"
	Width	20.5	8 1/16"	20.5	8 1/16"

## FEATURES

		<b>D9GLBP</b>	
		<b>Min</b>	<b>Max</b>
<b>Operating temperature</b>	°C	5	40
	°F	41	104
<b>Motor capacity</b>	L	1.7	
	US gallon	0.45	
<b>Water flow calculation</b>	<b>Number of clacks in 15 seconds</b>	l/h	gpm
	<b>4</b>	612	2.69
	<b>8</b>	1632	7.19
	<b>16</b>	3264	14.37
	<b>32</b>	6528	28.74
	<b>40</b>	8160	35.93
	<b>46</b>	8976	39.52
<b>Connections</b>	<b>Type</b>	BSP/NPT M Ø 40x49 mm	
	inch	1 1/2"	

## EQUIPMENTS

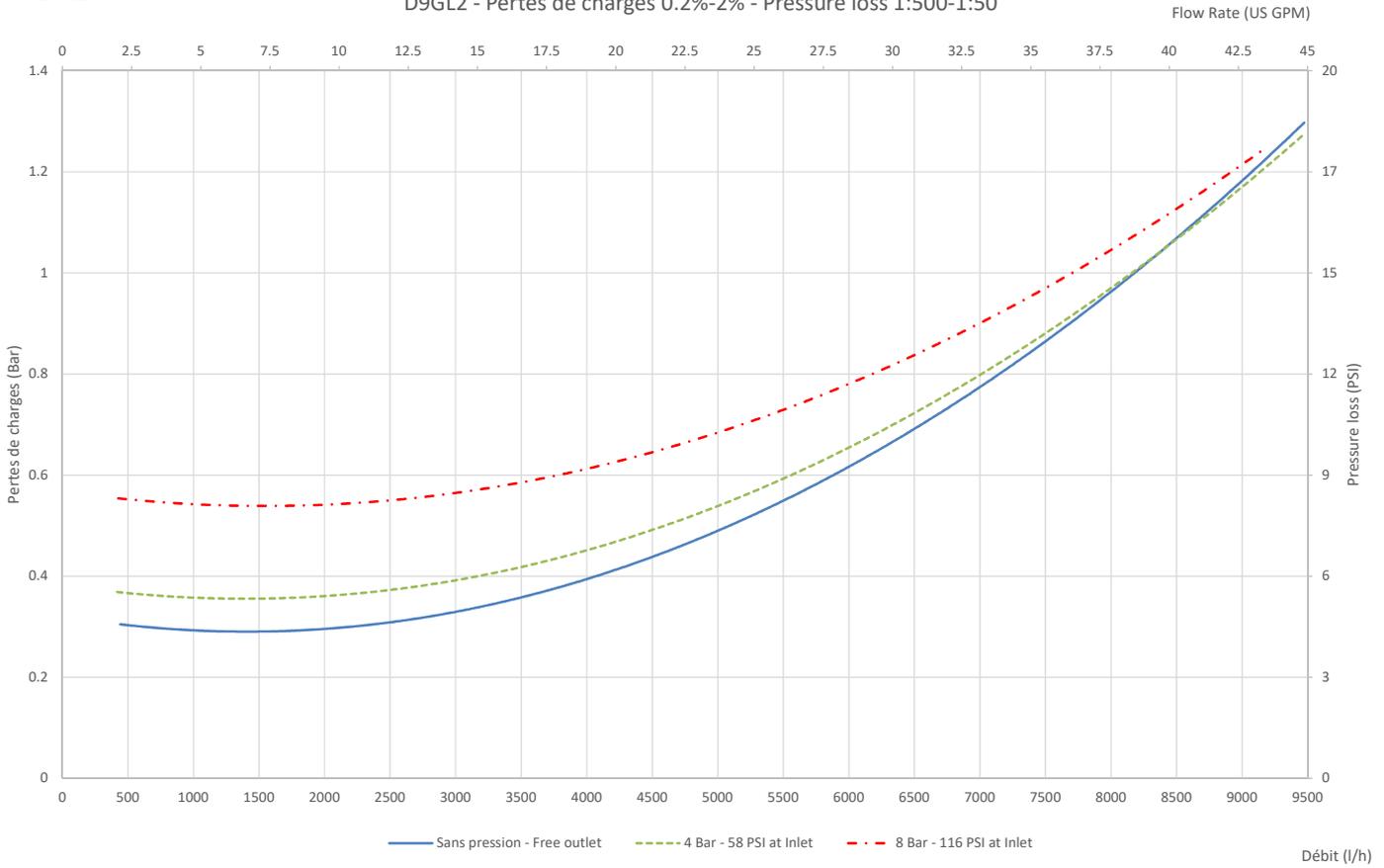
		<b>D9GL2BP</b>		<b>D9GL5BP</b>	
		<b>Serial</b>	<b>Optional</b>	<b>Serial</b>	<b>Optional</b>
<b>Dosing seals</b>	VF	x		x	
<b>Air bleed</b>			x		x
<b>Manual by-pass</b>		x		x	
<b>Automatic by-pass</b>			x		x
<b>Wall mount</b>		x		x	
<b>Legs</b>			x		x
<b>Suction hose</b>	length (m)	1.75		1.75	
	diameter (mm)	16 x 22		20 x 27	
<b>Strainer</b>	filter 100µ	x		x	



# CURVES - PRESSURE LOSS

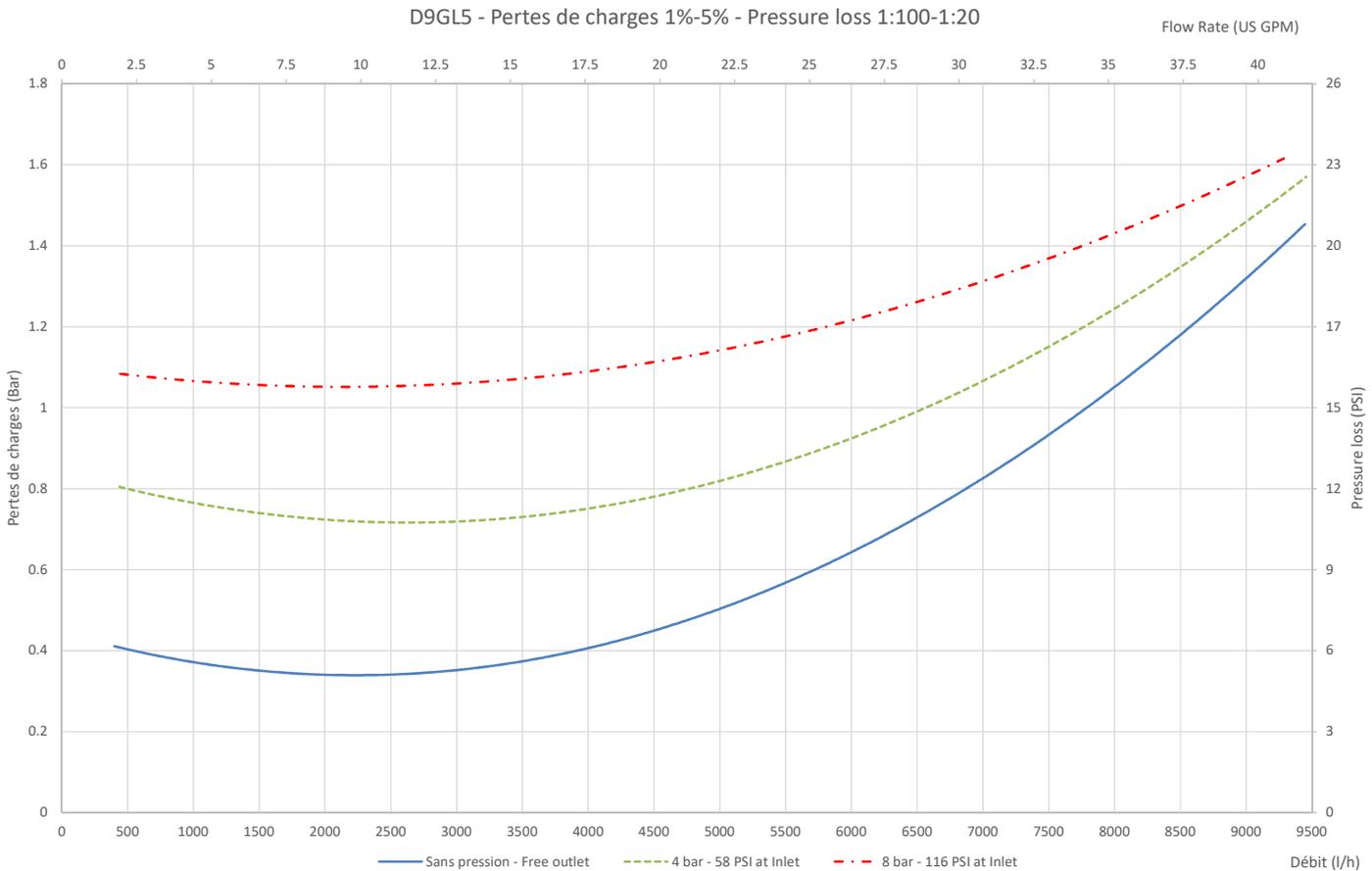
## D9GL2BP

D9GL2 - Pertes de charges 0.2%-2% - Pressure loss 1:500-1:50



## D9GL5BP

D9GL5 - Pertes de charges 1%-5% - Pressure loss 1:100-1:20



### Fertilisers and chemical components

#### 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		Ammonium nitrate			Phosphoric acid			Sulfate of potassium		
		NH <sub>4</sub> NO <sub>3</sub>			H <sub>3</sub> PO <sub>4</sub>			K <sub>2</sub> SO <sub>4</sub>		
Concentration		low	average	high	low	average	high	low	average	high
		10%	20%	40%	10%	20%	40%	10%	20%	40%
D9GL2BP 0,2 - 2%		●	●	●	●	●	●	●	●	●
D9GL5BP 0,5 - 5%		●	●	●	●	●	●	●	●	●

Products		Nitric acid			Hydrochloric acid			Ternary fertilizer + oligo elements		
		HNO <sub>3</sub>			HCL			N.P.K		
Concentration		low	average	high	low	average	high	low	average	high
		10%	20%	40%	10%	20%	40%	10%	20%	40%
D9GL2BP 0,2 - 2%		●	●	●	●	●	●	●	●	●
D9GL5BP 0,5 - 5%		●	●	●	●	●	●	●	●	●

#### Compatibility key



VG very good



G good



NC not compatible

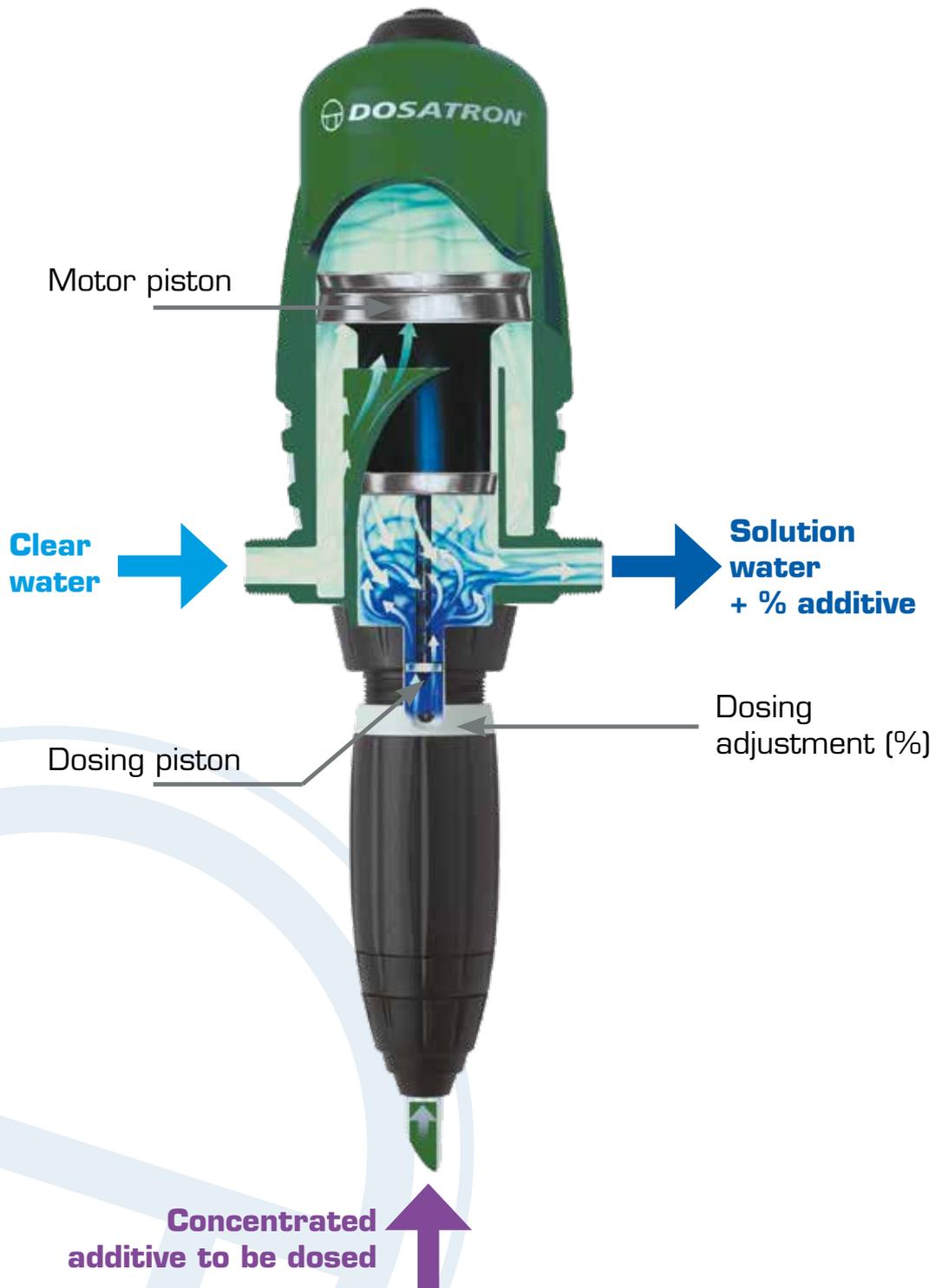
## A unique technology associating all dosing functions

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



[www.dosatron.com](http://www.dosatron.com)



**DOSATRON APP**  
Your daily assistant



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