

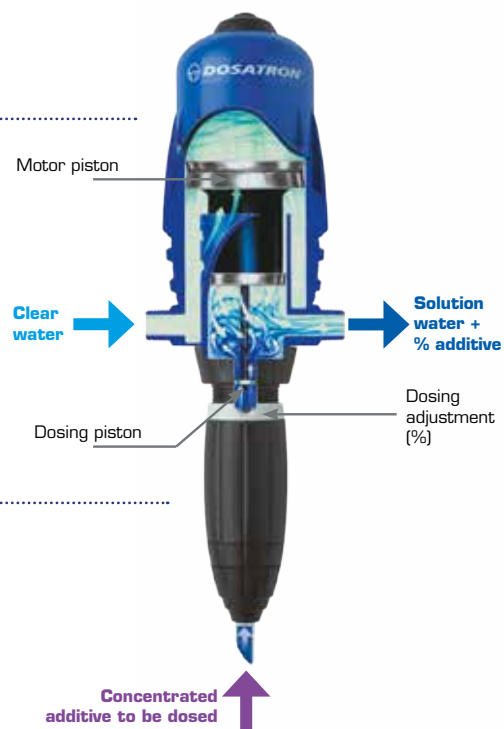
# DOSATRON TECHNOLOGY

Dosatron technology is based on a hydraulic motor pump activated only by the pressure and the flow of the water.

## ■ The hydraulic motor

The motor piston moves under the pressure of the water.  
A system of valves allows the movement to be reversed.

The dosing pump is called a VOLUMETRIC pump.



## ■ The dosing assembly

The dosing piston driven by the motor continuously injects a fixed volume of product (adjustable capacity of the dosing body). The dosing piston will inject the quantity of product that corresponds to the volume of water passing through the motor. Therefore, the operating principle ensures constant dosing, independently of the variations in flow rate and pressure of the water.

The injection of the product is **PROPORTIONAL** to the water flow rate.

## Customer service

**DOSATRON APP**  
Your daily assistant



D00DEPGAMMELEN-10/24

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- Dosing of any liquid product or water soluble.
- Multiple applications, one solution.
- High accuracy dosing.

**CARWASH**  
Industry Line

EN

- Non-electric - Operates with water pressure
- Precision and accuracy not affected by water flow and pressure variations
- Wide dosing range:  
0.03% to 25%.
- High chemical resistance
- Low operating and maintenance costs (easy maintenance)
- Self-priming

 **PRESOAK**

 **FOAMING**

 **WHEEL CLEANING**

 **DRYING AGENTS**

 **WAXES**

 **DISINFECTION**



## Available options

|                                                                                   |                                                                                                   |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
|  | HTAF : Recommended seals for alkaline additives                                                   |
|  | AF: Recommended seals for alkaline additives                                                      |
|  | VF: Recommended seals for acidic additives                                                        |
|  | BP: (Integrated by-pass) system for manual activation of the additive suction (on) and stop (off) |
|  | Support legs                                                                                      |
|  | IE: External Injection                                                                            |

| D3                                          | Dosage     |                  | Operating flow range<br>min. - max. |                        | Operating pressure |          | Version                                                                                                                                                                                                                                                     |                                                                                     |
|---------------------------------------------|------------|------------------|-------------------------------------|------------------------|--------------------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                             | %          | Ratio            | (l/h)                               | [US pint/min - US gpm] | bar                | psi      | Serial                                                                                                                                                                                                                                                      | Option                                                                              |
| D3IL3000                                    | 0.03 - 0,3 | [1:3000 - 1:333] | 10 - 3 000                          | [1/3 - 14]             | 0.3 - 6            | 4.3 - 85 |                                                                                       |  |
| D3IL2                                       | 0.2 - 2    | [1:500 - 1:50]   | 10 - 3 000                          | [1/3 - 14]             | 0.3 - 6            | 4.3 - 85 |                                                                                       |  |
| D3IL5                                       | 0.5 - 5    | [1:200 - 1:20]   | 10 - 3 000                          | [1/3 - 14]             | 0.3 - 6            | 4.3 - 85 |                                                                                       |  |
| D3IL10                                      | 1 - 10     | [1:100 - 1:10]   | 10 - 3 000                          | [1/3 - 14]             | 0.5 - 6            | 7 - 85   |                                                                                       |  |
| D3IL25IE                                    | 5 - 25     | [1:20 - 1:4]     | 10 - 2 000                          | [1/3 - 9]              | 0.5 - 4            | 7 - 57   |    |  |
| Connection (BSPT/NPT M) Ø 20x27 mm [3/4" M] |            |                  |                                     |                        |                    |          |                                                                                                                                                                                                                                                             |                                                                                     |

| D6                                            | Dosage     |                  | Operating flow range<br>min. - max. |                        | Operating pressure |            | Version                                                                                                                                                                 |                                                                                                                                                                         |
|-----------------------------------------------|------------|------------------|-------------------------------------|------------------------|--------------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                               | %          | Ratio            | (l/h)                               | [US pint/min - US gpm] | bar                | psi        | Serial                                                                                                                                                                  | Option                                                                                                                                                                  |
| D6IL3000                                      | 0,03 - 0,3 | [1:3000 - 1:300] | 100 - 6 000                         | [0.44 - 26.4]          | 0.2 - 8            | 2.9 - 116  |   |   |
| D6IL2                                         | 0,2 - 2    | [1:500 - 1:50]   | 100 - 6 000                         | [0.44 - 26.4]          | 0.3 - 8            | 4.35 - 116 |   |   |
| Connection (BSPT/NPT M) Ø 33x42 mm [1 1/4" M] |            |                  |                                     |                        |                    |            |                                                                                                                                                                         |                                                                                                                                                                         |

| D9                                            | Dosage       |                  | Operating flow range<br>min. - max. |                        | Operating pressure |           | Version                                                                                                                                                                   |                                                                                                                                                                           |
|-----------------------------------------------|--------------|------------------|-------------------------------------|------------------------|--------------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                               | %            | Ratio            | (l/h)                               | [US pint/min - US gpm] | bar                | psi       | Serial                                                                                                                                                                    | Option                                                                                                                                                                    |
| D9IL3000                                      | 0.03 - 0.125 | [1:3000 - 1:800] | 500 - 9 000                         | [2.2 - 40]             | 0.3 - 8            | 4.3 - 116 |     |     |
| D9IL2                                         | 0.2 - 2      | [1:500 - 1:50]   | 500 - 9 000                         | [2.2 - 40]             | 0.3 - 8            | 4.3 - 116 |     |     |
| D9IL5                                         | 1 - 5        | [1:100 - 1:20]   | 500 - 9 000                         | [2.2 - 40]             | 0.5 - 8            | 7.2 - 116 |   |   |
| Connection (BSPT/NPT M) Ø 40x49 mm [1 1/2" M] |              |                  |                                     |                        |                    |           |                                                                                                                                                                           |                                                                                                                                                                           |

