SuperDos

Non-electric, fluid driven proportional injectors

SuperDos operates without electricity to precisely inject liquid concentrates into a water supply line using fluid flow as the power source.

SuperDos is designed with a patented internal mixing chamber that promotes homogeneous mixing, while segregating harsh chemicals from critical internal components.

SuperDos comes in various models that easily satisfy the demands of your most challenging applications.

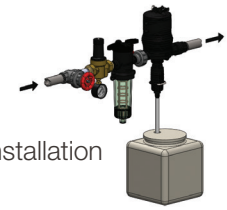
- No extra cost for proprietary composite body, which exceeds PVDF for chemical compatibility and for mixing aggressive chemicals.
- No extra cost for built-in on/off switch (30 and 45 models only), which allows user to stop the injection — but not the system.
- Separate internal mixing chamber to prevent chemical contact with motor piston — for longer life and uniform mixing.
- Interchangeable lower ends and can adjust ratios while in operation.
- Highly-aggressive, chemical-resistant models available
- Diesel fuel-friendly models available

General Specifications

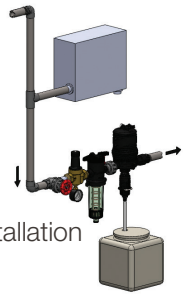
Housing	Proprietary engineered composite material
Average Dosing Accuracy	+/- 10%
Repeatibility	+/-3% of ratio
Fluid Maximum Temperature	38ºC
Fluid Minimum Temperature	1ºC
Maximum Vertical Suction of Concentrate	3.6 m
Seal materials available*:	Aflas Viton EPDM Kalrez

*Contact your representative for specific chemical information

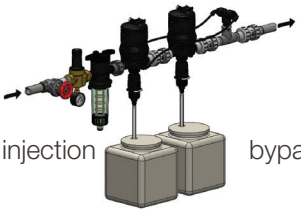
Basic Installations



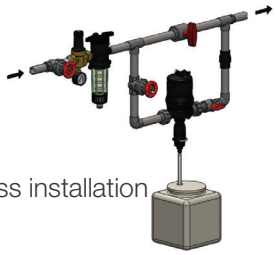
inline installation



tank feed installation



dual remote injection installation



bypass installation

Model	Model #	Operating pressure (Bar)	Water Flow (lit./hr)	Dilution (%)	Ratio
SuperDos 15 0.3%	113727R	0.2 - 4.1	10 - 3,400	0.025 - 0.3	1:4000 - 1:333
SuperDos 15 2.5%	113702	0.2 - 4.1	10 - 3,400	0.2 - 2.5	1:500 - 1:40
SuperDos 15 2.5% WSP	113702WSP	0.2 - 4.1	10 - 3,400	0.3 - 2.5	1:300 - 1:40
SuperDos 15 5%	113703	0.2 - 4.1	10 - 3,400	0.4 - 5.0	1:250 - 1:20
SuperDos 20 0.3%	113728R	0.4 - 6.9	11 - 4,500	0.025 - 0.3	1:4000 - 1:333
SuperDos 20 0.3% HAC	113728HAC	0.4 - 6.9	11 - 4,500	0.025 - 0.3	1:4000 - 1:333
SuperDos 20 2.5%	113705	0.4 - 6.9	11 - 4,500	0.2 - 2.5	1:500 - 1:40
SuperDos 20 2.5% WSP	113705WSP	0.4 - 6.9	11 - 4,500	0.3 - 2.5	1:300 - 1:40
SuperDos 20 5%	113706	0.4 - 6.9	11 - 4,500	0.4 - 5.0	1:250 - 1:20
SuperDos 20 10%	113707	0.4 - 4.5	11 - 4,500	2.0 - 10.0	1:50 - 1:10
SuperDos 30 0.3% HAC	113729HAC	0.4 - 6.9	34 - 6,800	0.025 - 0.3	1:4000 - 1:333
SuperDos 30 0.3%	113729R	0.4 - 6.9	34 - 6.800	0.025 - 0.3	1:4000 - 1:333
SuperDos 30 2.5%	113709	0.4 - 6.9	34 - 6.800	0.2 - 2.5	1:500 - 1:40
SuperDos 30 2.5% WSP	113709WSP	0.4 - 6.9	34 - 6.800	0.3 - 2.5	1:300 - 1:40
SuperDos 30 5%	113710	0.4 - 6.9	34 - 6.800	0.4 - 5.0	1:250 - 1:20
SuperDos 30 5% WSP	113710WSP	0.4 - 6.9	34 - 6.800	0.4 - 5.0	1:250 - 1:20
SuperDos 45 0.3% HAC	113730HAC	0.4 - 6.9	57 - 10,000	0.025 - 0.3	1:4000 - 1:333
SuperDos 45 0.3%	113730R	0.4 - 6.9	57 - 10,000	0.025 - 0.3	1:4000 - 1:333
SuperDos 45 2.5%	113712	0.4 - 6.9	57 - 10,000	0.2 - 2.5	1:500 - 1:40
SuperDos 45 2.5% WSP	113712WSP	0.4 – 5.5	57 - 10,000	0.2 - 2.5	1:500 - 1:40
SuperDos 45 5%	113715	0.4 - 5.5	57 - 10,000	0.4 - 5.0	1:250 - 1:20

HYDRO

Hydro Systems

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