



DOSING

hydraulic dosing pumps

DOSATRON®

1/h • 1 - 1 %
100 - 1.25 l • Operating flow
- 2.5 m³/h (10.02 - 11 l/s)
- 0.15 - 1.25 l/min
- 0.36 US GPM
- 40 °C (104 °F)
of use not covering
responsibility of user

OFF

SmartDosing



1 Sign up and follow the smooth running of the treatment process (medication, vaccination, acidification, etc.).

2 Safeguard your treatment processes through "event" and "incident" alerts: empty tank, preventive maintenance, etc.



3 Check the treatment data and smooth running of your SmartDosing thanks to the SmartLink software.

Treatment data:

- Duration and volume
- Water consumption curves
- Alarm log
- Range of temperatures

SmartLink



- Statistics
- Agenda
- Alerts

Treatment schedule:

- Monitoring
- Printing of reports by date



SECTORS



ANIMAL HEALTH LINE:

Equipment for livestock farming: medication, vaccination, acidification through drinking water, decontamination of vehicles, fogging systems...



GREEN LINE:

Fertigation equipment: fertilizing, phytopharmaceutical treatment, pH correction, fumigation, disinfection, flower conservation, post-harvest treatment...



WATER LINE:

Water treatment equipment: purification, remineralization, treatment against Legionella bacterium, network maintenance and disinfection, polymer dosing, odor control...



INDUSTRY LINE:

Equipment for industrial processes with multiple applications: lubrication, refrigeration, cleaning, degreasing, spray, water jet cutting, dosing in the printing process, etc.



INDUSTRY ATEX LINE:

Models designed for the industry, but with ATEX certification to be installed in zones 0 or 20, zones 1 or 21, and zones 2 or 22.



HYGIENE & FOOD LINE:

Equipment for hygiene application in hospitals and for food processing, washing and disinfecting vehicles, and disinfecting surfaces.

NEW

SMART DOSING RANGE

(10 l/h min. - 2.5 m³/h max.)

EXTERNAL ADJUSTMENT						Dosing		Product injection flow rate (l/h)		Working pressure (bar)	
Model	Code	Seals	Materials	Sector	Kit	%	Ratio	min.	max.	min.	max.
SD25AL5	5SD25AL5VF	VF	Standard			1 - 5	[1:100 - 1:20]	0.1	125	0.3	6

Code !: Models usually in stock. For other models, please check the delivery time.

CHARACTERISTICS:

Fluid temp.: from 5 °C to 40 °C.
Dosing precision: +/- 5%.
Head loss: 0.3 - 1.4 bar.
Max. product viscosity: 400 cSt at 20 °C.
Max. height of product suction: 4 m.

GENERAL INFORMATION:

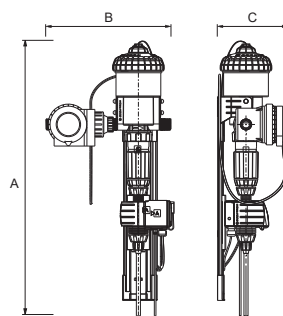
Integrated bypass: accessory.
Injection: internal at outlet.
Motor: differential hydraulic piston.
Cylinder capacity: 0.45 L.
Suction filter: yes.
Input/output connections: 3/4" M BSP.

SEALS:

VF: recommended dosing seals for acidic products.

STANDARD MATERIALS:

Body: polyacetal and EPDM.
Piston, motor: polyurethane, polyethylene, nylon, EPDM and polyacetal.
Dosing part: polypropylene, polyethylene, Hastelloy (valve spring).
Suction pipe: PVC.



DIMENSIONS/MM

Model	A	B	C
SD25AL5	630	307	172

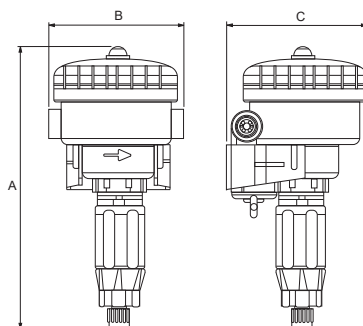


D07 RANGE

(5 l/h min. - 0.7 m³/h max.)

EXTERNAL ADJUSTMENT						Dosing		Product injection flow rate (l/h)		Working pressure (bar)	
Model	Code	Seals	Materials	Sector	Kit	%	Ratio	min.	max.	min.	max.
D07RE125	5D07RE125AF	AF	Standard			0.15 - 1.25	[1:666 - 1:80]	0.0075	8.75	0.3	6
	5D07RE125AFP	AF	PVDF			0.15 - 1.25	[1:666 - 1:80]	0.0075	8.75	0.3	6
	5D07RE125VF¹	VF	Standard			0.15 - 1.25	[1:666 - 1:80]	0.0075	8.75	0.3	6
	5D07RE125VFP	VF	PVDF			0.15 - 1.25	[1:666 - 1:80]	0.0075	8.75	0.3	6
D07RE5	5D07RE5AF¹	AF	Standard			0.8 - 5.5	[1:28 - 1:20]	0.8	38.5	0.3	6
	5D07RE5AFP¹	AF	PVDF			0.8 - 5.5	[1:28 - 1:20]	0.8	38.5	0.3	6
	5D07RE5VF¹	VF	Standard			0.8 - 5.5	[1:28 - 1:20]	0.8	38.5	0.3	6
	5D07RE5VFP¹	VF	PVDF			0.8 - 5.5	[1:28 - 1:20]	0.8	38.5	0.3	6

Code ¹: Models usually in stock. For other models, please check the delivery time.



DIMENSIONS/MM

Model	A	B	C
D07RE125	244	120	115
D07RE5	244	120	115

CHARACTERISTICS:

Fluid temp.: from 5 °C to 40 °C.
Dosing precision: +/- 5%.
Head loss: 0.3 - 1.4 bar.
Max. product viscosity: 400 cSt at 20 °C.
Max. height of product suction: 4 m.

GENERAL INFORMATION:

Integrated bypass: yes.
Injection: internal.
Motor: hydraulic piston.
Cylinder capacity: 0.225 L.
Suction filter: yes.
Input/output connections: 3/4" M BSP.

SEALS:

AF: recommended dosing seals for alkaline products.
VF: recommended dosing seals for acidic products.

STANDARD MATERIALS:

Body: polypropylene and EPDM
Piston, motor: polypropylene, PEEK, stainless steel, Teflon, and HT EPDM.
Dosing part: polypropylene, polyethylene, Hastelloy (valve spring).
Suction pipe: PVC.

SPECIAL MATERIALS:

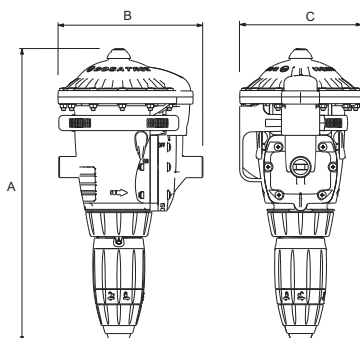
PVDF: special body for aggressive products (check chemical compatibilities).

DIA RANGE

(4.5 l/h min. - 2.5 m³/h max.)

EXTERNAL ADJUSTMENT						Dosing		Product injection flow rate (l/h)		Working pressure (bar)	
Model	Code	Seals	Materials	Sector	Kit	%	Ratio	min.	max.	min.	max.
DIA4AL	5DIA4ALVF¹	VF	Standard			1 - 4	[1:100 - 1:25]	0.1	100	0.15	4

Code ¹: Models usually in stock. For other models, please check the delivery time.



DIMENSIONS/MM

Model	A	B	C
DIA4AL	365	180	152

CHARACTERISTICS:

Fluid temp.: from 5 °C to 40 °C.
Dosing precision: +/- 3%.
Head loss: 0.15 - 1.8 bar.
Max. product viscosity: 400 cSt at 20 °C.
Max. height of product suction: 4 m.

GENERAL INFORMATION:

Integrated bypass: accessory.
Injection: internal at the outlet.
Motor: membrane differential hydraulic piston.
Cylinder capacity: 0.47 L.
Suction filter: yes.
Input/output connections: 3/4" M BSP.

SEALS:

VF: recommended dosing seals for acidic products.

STANDARD MATERIALS:

Body: polypropylene and HT.
Membrane motor: polypropylene, polyamide, polyacetal, HT, ceramic, PEEK and PVDF.
Dosing part: polypropylene, polyethylene, PVDF and Hastelloy (valve spring).
Suction pipe: PVC.

D25 RANGE

(10 l/h min. - 2.5 m³/h max.)

FIXED ADJUSTMENT						Dosing		Product injection flow rate (l/h)		Working pressure (bar)	
Model	Code	Seals	Materials	Sector	Kit	%	Ratio	min.	max.	min.	max.
D25F02	5D25F02AF	AF	Standard	☺		0.2	[1:500]	0.02	5	0.3	6
	5D25F02VF	VF	Standard	☺		0.2	[1:500]	0.02	5	0.3	6
D25F2	5D25F2AF	AF	Standard	☺		2	[1:50]	0.2	50	0.3	6
	5D25F2AFP	AF	PVDF	☺		2	[1:50]	0.2	50	0.3	6
	5D25F2VF	VF	Standard	☺		2	[1:50]	0.2	50	0.3	6
	5D25F2VFP	VF	PVDF	☺		2	[1:50]	0.2	50	0.3	6
EXTERNAL ADJUSTMENT											
D25RE1500	5D25RE1500AF ¹	AF	Standard	☺		0.07 - 0.2	[1:1500 - 1:500]	0.007	5	0.3	6
	5D25RE1500VF ¹	VF	Standard	☺		0.07 - 0.2	[1:1500 - 1:500]	0.007	5	0.3	6
	5D25RE1500VFP	VF	PVDF	☺		0.07 - 0.2	[1:1500 - 1:500]	0.007	5	0.3	6
D25RE09	5D25RE09AF	AF	Standard	☺		0.1 - 0.9	[1:1000 - 1:112]	0.01	22.5	0.3	6
	5D25RE09VF	VF	Standard	☺		0.1 - 0.9	[1:1000 - 1:112]	0.01	22.5	0.3	6
	5D25RE09VFP	VF	PVDF	☺		0.1 - 0.9	[1:1000 - 1:112]	0.01	22.5	0.3	6
	5D25RE09AO	VF	PVDF	☺	OA	0.1 - 0.9	[1:1000 - 1:112]	0.01	22.5	0.3	6
D25RE2	5D25RE2AF ¹	AF	Standard	☺		0.2 - 2	[1:500 - 1:50]	0.02	50	0.3	6
	5D25RE2AFP	AF	PVDF	☺		0.2 - 2	[1:500 - 1:50]	0.02	50	0.3	6
	5D25RE2VAF	AF	Standard	☺	V	0.2 - 2	[1:500 - 1:50]	0.02	50	0.3	6
	5D25RE2VF ¹	VF	Standard	☺		0.2 - 2	[1:500 - 1:50]	0.02	50	0.3	6
	5D25RE2VFP ¹	VF	PVDF	☺		0.2 - 2	[1:500 - 1:50]	0.02	50	0.3	6
	5D25RE2AO	VF	PVDF	☺	OA	0.2 - 2	[1:500 - 1:50]	0.02	50	0.3	6
D25RE2IE	5D25RE2IEAF	AF	Standard	☺	EI	0.2 - 2	[1:500 - 1:50]	0.02	50	0.3	6
D25WL2IE	5D25RE2IEAFP	AF	PVDF	☺	EI	0.2 - 2	[1:500 - 1:50]	0.02	50	0.3	6
	5D25RE2IEVF	VF	Standard	☺	EI	0.2 - 2	[1:500 - 1:50]	0.02	50	0.3	6
	5D25RE2IEVFP	VF	PVDF	☺	EI	0.2 - 2	[1:500 - 1:50]	0.02	50	0.3	6
	5D25WL2IEVFPPO	VF	Standard	☺	EI+PO	0.2 - 2	[1:500 - 1:50]	0.02	50	0.3	6
	5D25WL2IEVFPPO	VF	PVDF	☺	EI+PO	0.2 - 2	[1:500 - 1:50]	0.02	50	0.3	6

Code ¹: Models usually in stock. For other models, please check the delivery time.

CHARACTERISTICS:

Fluid temp.: from 5 °C to 40 °C.
Dosing precision: +/- 5%.
Head loss: 0.3 - 1.4 bar
(D100R: 0.3 - 1 bar).
Max. product viscosity: 400 cSt at 20 °C.
Max. height of product suction: 4 m.

GENERAL INFORMATION:

Integrated bypass: accessory.
Injection: internal at the inlet.
Motor: differential hydraulic piston.
Cylinder capacity: 0.45 L.
Suction filter: yes.
Input/output connections: 3/4" M BSP.

SEALS:

AF: recommended dosing seals for alkaline products.
VF: recommended dosing seals for acidic products.

STANDARD MATERIALS:

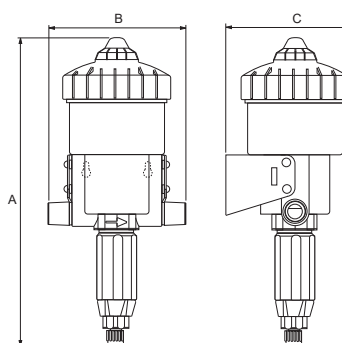
Body: polyacetal and EPDM.
Piston, motor: polypropylene, polyamide, stainless steel, Viton, Aflas and polyacetal.
Dosing part: polypropylene, polyethylene, Hastelloy (valve spring).
Suction pipe: PVC.

SPECIAL MATERIALS:

PVDF: special body for aggressive products (check chemical compatibilities).

KIT:

EI (external injection): recommended for certain corrosive concentrates.
V: kit of viscous products recommended from 200 cSt.
OA: (organic acids): recommended for dosing concentrated organic acids.
OP: recommended for the dosing of polymers.



DIMENSIONS/MM

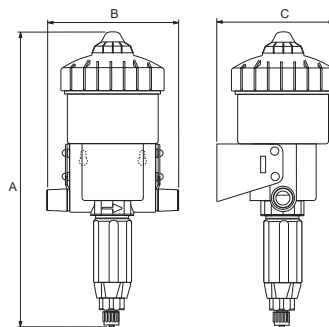
Model	A	B	C
D25F	339	160	134
D25RE1500	353	160	134
D25RE09	353	160	134
D25RE2	353	160	134
D25RE2IE	353	260	134
D25WL2IE	448	260	134



D25 RANGE

(10 l/h min. - 2.5 m³/h max.)

EXTERNAL ADJUSTMENT						Dosing		Product injection flow rate (l/h)		Working pressure (bar)	
Model	Code	Seals	Materials	Sector	Kit	%	Ratio	min.	max.	min.	max.
D25AL5	5D25AL5NVF ¹	VF	Standard			1 - 5	[1:100 - 1:20]	0.1	125	0.3	6
D25RE5	5D25RE5AF ¹	AF	Standard			1 - 5	[1:100 - 1:20]	0.1	125	0.3	6
	5D25RE5AFP	AF	PVDF			1 - 5	[1:100 - 1:20]	0.1	125	0.3	6
	5D25RE5VAF	AF	Standard		V	1 - 5	[1:100 - 1:20]	0.1	125	0.3	6
	5D25RE5VF ¹	VF	Standard			1 - 5	[1:100 - 1:20]	0.12	125	0.3	6
	5D25RE5VFP	VF	PVDF			1 - 5	[1:100 - 1:20]	0.12	125	0.3	6
	5D25RE5VVF	VF	Standard		V	1 - 5	[1:100 - 1:20]	0.12	125	0.3	6
D25RE5IE	5D25RE5IEAF	AF	Standard		EI	1 - 5	[1:100 - 1:20]	0.12	125	0.3	6
	5D25RE5IEAFP	AF	PVDF		EI	1 - 5	[1:100 - 1:20]	0.12	125	0.3	6
	5D25RE5IEVF	VF	Standard		EI	1 - 5	[1:100 - 1:20]	0.12	125	0.3	6
	5D25RE5IEVFP	VF	PVDF		EI	1 - 5	[1:100 - 1:20]	0.12	125	0.3	6
D25RE10	5D25RE10AF ¹	AF	Standard			3 - 10	[1:33 - 1:10]	0.3	250	0.3	4
	5D25RE10AFP	AF	PVDF			3 - 10	[1:33 - 1:10]	0.3	250	0.3	4
	5D25RE10VAF	AF	Standard		V	3 - 10	[1:33 - 1:10]	0.3	250	0.3	4
	5D25RE10VF ¹	VF	Standard			3 - 10	[1:33 - 1:10]	0.3	250	0.3	4
	5D25RE10VFP	VF	PVDF		V	3 - 10	[1:33 - 1:10]	0.3	250	0.3	4
	5D25RE10VVF	VF	Standard		V	3 - 10	[1:33 - 1:10]	0.3	250	0.3	4
D25RE10IE	5D25RE10IEAF	AF	Standard		EI	3 - 10	[1:33 - 1:10]	0.3	250	0.3	4
	5D25RE10IEAFP	AF	PVDF		EI	3 - 10	[1:33 - 1:10]	0.3	250	0.3	4
	5D25RE10IEVF	VF	Standard		EI	3 - 10	[1:33 - 1:10]	0.3	250	0.3	4
	5D25RE10IEVFP	VF	PVDF		EI	3 - 10	[1:33 - 1:10]	0.3	250	0.3	4

Code ¹: Models usually in stock. For other models, please check the delivery time.


DIMENSIONS/MM

Model	A	B	C
D25AL5	440	160	134
D25RE5	440	160	134
D25RE5IE	440	260	134
D25RE10	440	160	134
D25RE10IE	440	260	134

CHARACTERISTICS:

Fluid temp.: from 5 °C to 40 °C.
Dosing precision: +/- 5%.
Head loss: 0.3 - 1.4 bar (D100R: 0.3 - 1 bar).
Max. product viscosity: 400 cSt at 20°C.
Max. height of product suction: 4 m.

GENERAL INFORMATION:

Integrated bypass: accessory.
Injection: internal at the inlet.
Motor: differential hydraulic piston.
Cylinder capacity: 0.45 L.
Suction filter: yes.
Input/output connections: 3/4" M BSP.

SEALS:

AF: dosing seals recommended for alkaline products.
VF: dosing seals recommended for acidic products.

STANDARD MATERIALS:

Body: polyacetal and EPDM.
Piston, motor: polypropylene, polyamide, stainless steel, Viton, Aflas and polyacetal.
Dosing part: polypropylene, polyethylene, Hastelloy (valve spring).
Suction pipe: PVC.

SPECIAL MATERIALS:

PVDF: special body for aggressive products (check chemical compatibilities).

KIT:

EI (external injection): recommended for certain corrosive concentrates.
V: kit of viscous products recommended from 200 cSt.
OA: (organic acids): recommended for dosing concentrated organic acids.

D3 RANGE

(10 l/h min. - 3 m³/h max.)

EXTERNAL ADJUSTMENT						Dosing		Product injection flow rate (l/h)		Working pressure (bar)	
Model	Code	Seals	Materials	Sector	Kit	%	Ratio	min.	max.	min.	max.
D3GL3000 D3RE3000	5D3GL3000VF	VF	Standard			0.03 - 0.3	[1:3000-1:333]	0.003	9	0.3	6
	5D3RE3000AF	AF	Standard			0.03 - 0.3	[1:3000-1:333]	0.003	9	0.3	6
	5D3RE3000VF	VF	Standard			0.03 - 0.3	[1:3000-1:333]	0.003	9	0.3	6
	5D3RE3000VFP	VF	PVDF			0.03 - 0.3	[1:3000-1:333]	0.003	9	0.3	6
	5D3RE3000VFKP	VF	PVDF		K	0.03 - 0.3	[1:3000-1:333]	0.003	9	0.3	6
D3GL2 D3RE2	5D3GL2VF ¹	VF	Standard			0.2 - 2	[1:500 - 1:50]	0.02	60	0.3	6
	5D3RE2AF	AF	Standard			0.2 - 2	[1:500 - 1:50]	0.02	60	0.3	6
	5D3RE2BPAF	AF	Standard		BP	0.2 - 2	[1:500 - 1:50]	0.02	60	0.3	6
	5D3RE2VF ¹	VF	Standard			0.2 - 2	[1:500 - 1:50]	0.02	60	0.3	6
	5D3RE2BPVF	VF	Standard		BP	0.2 - 2	[1:500 - 1:50]	0.02	60	0.3	6
	5D3RE2VFP ¹	VF	PVDF			0.2 - 2	[1:500 - 1:50]	0.02	60	0.3	6
	5D3RE2BPVFP	VF	PVDF		BP	0.2 - 2	[1:500 - 1:50]	0.02	60	0.3	6
	5D3RE2VFKP	VF	PVDF		K	0.2 - 2	[1:500 - 1:50]	0.02	60	0.3	6
D3GL5 D3RE5	5D3GL5VF ¹	VF	Standard			0.5 - 5	[1:200 - 1:20]	0.05	150	0.3	6
	5D3RE5AF	AF	Standard			0.5 - 5	[1:200 - 1:20]	0.05	150	0.3	6
	5D3RE5BPAF	AF	Standard		BP	0.5 - 5	[1:200 - 1:20]	0.05	150	0.3	6
	5D3RE5VF ¹	VF	Standard			0.5 - 5	[1:200 - 1:20]	0.05	150	0.3	6
	5D3RE5BPVF	VF	Standard		BP	0.5 - 5	[1:200 - 1:20]	0.05	150	0.3	6
	5D3RE5VFP	VF	PVDF			0.5 - 5	[1:200 - 1:20]	0.05	150	0.3	6
	5D3RE5VVF ¹	VF	Standard		V	0.5 - 5	[1:200 - 1:20]	0.05	150	0.3	6
	5D3RE5BPVFP	VF	PVDF		BP+V	0.5 - 5	[1:200 - 1:20]	0.05	150	0.3	6
	5D3RE5VFKP	VF	PVDF		K	0.5 - 5	[1:200 - 1:20]	0.05	150	0.3	6
D3GL10 D3RE10	5D3GL10VF ¹	VF	Standard			1 - 10	[1:100 - 1:10]	0.1	300	0.5	6
	5D3RE10AF	AF	Standard			1 - 10	[1:100 - 1:10]	0.1	300	0.5	6
	5D3RE10BPAF	AF	Standard		BP	1 - 10	[1:100 - 1:10]	0.1	300	0.5	6
	5D3RE10AFP	AF	PVDF			1 - 10	[1:100 - 1:10]	0.1	300	0.5	6
	5D3RE10VF ¹	VF	Standard			1 - 10	[1:100 - 1:10]	0.1	300	0.5	6
	5D3RE10BPVF	VF	Standard		BP	1 - 10	[1:100 - 1:10]	0.1	300	0.5	6
	5D3RE10VFP ¹	VF	PVDF			1 - 10	[1:100 - 1:10]	0.1	300	0.5	6
	5D3RE10VVF ¹	VF	Standard		V	1 - 10	[1:100 - 1:10]	0.1	300	0.5	6
	5D3RE10BPVFP	VF	PVDF		BP	1 - 10	[1:100 - 1:10]	0.1	300	0.5	6
	5D3RE10VFKP	VF	PVDF		K	1 - 10	[1:100 - 1:10]	0.1	300	0.5	6
D3RE25IE²	5D3RE25IEAF ¹	AF	Standard		EI	5 - 25	[1:20 - 1:4]	0.5	500	0.5	4
	5D3RE25IEAFP	AF	PVDF		EI	5 - 25	[1:20 - 1:4]	0.5	500	0.5	4
	5D3RE25IEVAF	AF	Standard		EI+V	5 - 25	[1:20 - 1:4]	0.5	500	0.5	4
	5D3RE25IEVF ¹	VF	Standard		EI	5 - 25	[1:20 - 1:4]	0.5	500	0.5	4
	5D3RE25IEVFP ¹	VF	PVDF		EI	5 - 25	[1:20 - 1:4]	0.5	500	0.5	4
	5D3RE25IEVVF ¹	VF	Standard		EI+V	5 - 25	[1:20 - 1:4]	0.5	500	0.5	4

Code¹: Models usually in stock. For other models, please check the delivery time.Code²: This model has a maximum flow rate of 2 m³/h.**CHARACTERISTICS:**

Fluid temp.: from 5 °C to 40 °C.
 Dosing precision: +/- 5%.
 Head loss: 0.2 - 2.3 bar.
 Max. product viscosity: 800 cSt at 20 °C.
 Max. height of product suction: 4 m.

GENERAL INFORMATION:

Integrated bypass: accessory.
 Injection: internal at the outlet.
 Motor: differential hydraulic piston.
 Cylinder capacity: 0.53 L.
 Suction filter: yes.
 Input/output connections: 3/4" M BSP.

SEALS:

AF: dosing seals recommended for alkaline products.
 VF: dosing seals recommended for acidic products.
 K: recommended for concentrated acids (check)

STANDARD MATERIALS:

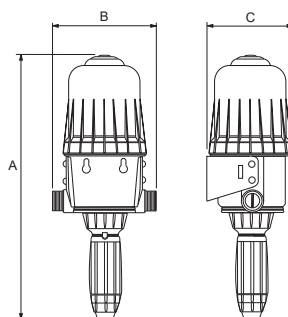
Body: polypropylene and HT.
 Piston, motor: polypropylene, polyamide, VF or HT, PEEK and PVDF.
 Dosing part: polypropylene, polyethylene, Hastelloy (valve spring).
 Suction pipe: PVC.

SPECIAL MATERIALS:

PVDF: special body for aggressive products (check chemical compatibilities).

KITS:

EI (external injection): recommended for certain corrosive concentrates.
 BP: Integrated bypass; product suction on and off system.
 V: kit of viscous products recommended from 200 cSt.
 K: kit of corrosive acidic products (> 15%).

**DIMENSIONS/MM**

Model	A	B	C
D3RE3000	474	160	134
D3RE2	474	160	134
D3RE5	485	160	134
D3RE10	485	160	134
D3RE25IE	663	260	134

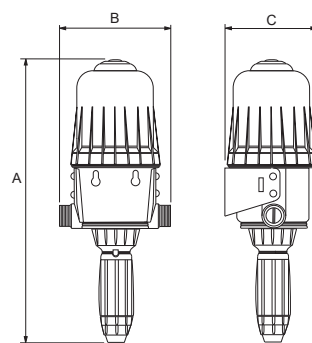


NEW
D3 RANGE

(10 l/h min. - 3 m³/h max.)

EXTERNAL ADJUSTMENT						Dosing		Product injection flow rate (l/h)		Working pressure (bar)	
Model	Code	Seals	Materials	Sector	Kit	%	Ratio	min.	max.	min.	max.
D3IL3000EX	5D3IL3000EXAF	AF	Standard	Ex		0.03 - 0.3	[1:3000-1:333]	0.003	9	0.3	6
	5D3IL3000EXVF	VF	Standard	Ex		0.03 - 0.3	[1:3000-1:333]	0.003	9	0.3	6
	5D3IL3000EXVFK	VF	Standard	Ex	K	0.03 - 0.3	[1:3000-1:333]	0.003	9	0.3	6
D3WL3000	5D3WL3000AF	AF	Standard			0.03 - 0.3	[1:3000-1:333]	0.003	9	0.3	6
	5D3WL3000NAF	AF	Standard		N	0.03 - 0.3	[1:3000-1:333]	0.003	9	0.3	6
	5D3WL3000VF	VF	Standard			0.03 - 0.3	[1:3000-1:333]	0.003	9	0.3	6
D3WL3000IE	5D3WL3000VFKP	VF	PVDF		K	0.03 - 0.3	[1:3000-1:333]	0.003	9	0.5	6
	5D3WL3000IEAF	AF	Standard		El	0.03 - 0.3	[1:3000-1:333]	0.003	9	0.5	6
	5D3WL3000NIEAF	AF	Standard		El+N	0.03 - 0.3	[1:3000-1:333]	0.003	9	0.5	6
D3IL2EX	5D3IL2EXAF	AF	Standard	Ex		0.2 - 2	[1:500-1:50]	0.02	60	0.3	6
	5D3IL2EXVF	VF	Standard	Ex		0.2 - 2	[1:500-1:50]	0.02	60	0.3	6
	5D3IL2EXVFK	VF	Standard	Ex	K	0.2 - 2	[1:500-1:50]	0.02	60	0.3	6
	5D3IL2EXVVF	VF	Standard	Ex	V	0.2 - 2	[1:500-1:50]	0.02	60	0.3	6
D3WL2	5D3WL2AF	AF	Standard			0.2 - 2	[1:500-1:50]	0.02	60	0.3	6
	5D3WL2NAF	AF	Standard		N	0.2 - 2	[1:500-1:50]	0.02	60	0.3	6
	5D3WL2VF	VF	Standard			0.2 - 2	[1:500-1:50]	0.02	60	0.3	6
	5D3WL2VFKP	VF	PVDF		K	0.2 - 2	[1:500-1:50]	0.02	60	0.3	6
D3IL5EX	5D3IL5EXAF	AF	Standard	Ex		0.5 - 5	[1:200-1:20]	0.05	150	0.3	6
	5D3IL5EXVF	VF	Standard	Ex		0.5 - 5	[1:200-1:20]	0.05	150	0.3	6
	5D3IL5EXVFK	VF	Standard	Ex	K	0.5 - 5	[1:200-1:20]	0.05	150	0.3	6
	5D3IL5EXVVF	VF	Standard	Ex	V	0.5 - 5	[1:200-1:20]	0.05	150	0.3	6
D3IL10EX	5D3IL10EXAF	AF	Standard	Ex		1 - 10	[1:100-1:10]	0.1	300	0.5	6
	5D3IL10EXVF	VF	Standard	Ex		1 - 10	[1:100-1:10]	0.1	300	0.5	6
	5D3IL10EXVFK	VF	Standard	Ex	K	1 - 10	[1:100-1:10]	0.1	300	0.5	6
	5D3IL10EXVVF	VF	Standard	Ex	V	1 - 10	[1:100-1:10]	0.1	300	0.5	6

Code¹: Models usually in stock. For other models, please check the delivery time.


DIMENSIONS/MM

Model	A	B	C
D3IL3000EX	474	160	134
D3WL3000	474	160	134
D3WL3000IE	558	260	134
D3IL2EX	474	160	134
D3WL2	474	160	134
D3IL5EX	485	160	134
D3IL10EX	485	160	134

CHARACTERISTICS:

Fluid temp.: from 5 °C to 40 °C.
Dosing precision: +/- 5%.
Head loss: 0.2 - 2.3 bar.
Max. product viscosity: 800 cSt at 20 °C.
Max. height of product suction: 4 m.

GENERAL INFORMATION:

Integrated bypass: accessory.
Injection: internal at the outlet.
Motor: differential hydraulic piston.
Cylinder capacity: 0.53 L.
Suction filter: yes.
Input/output connections: 3/4" M BSP.

SEALS:

AF: dosing seals recommended for alkaline products.
VF: dosing seals recommended for acidic products.
K: recommended for concentrated acids (check)

STANDARD MATERIALS:

Body: polypropylene and HT.
Piston, motor: polypropylene, polyamide, VF or HT, PEEK and PVDF.
Dosing part: polypropylene, polyethylene, Hastelloy (valve spring).
Suction pipe: PVC.

SPECIAL MATERIALS:

PVDF: special body for aggressive products (check chemical compatibilities).

KIT:

El (external injection): recommended for certain corrosive concentrates.
BP: Integrated bypass; product suction on and off system.
V: kit of viscous products recommended from 200 cSt.
K: kit of corrosive acidic products (> 15%).
N: drinking water certification.

D45 RANGE

(100 l/h min. - 4.5 m³/h max.)

EXTERNAL ADJUSTMENT						Dosing		Product injection flow rate (l/h)		Working pressure (bar)	
Model	Code	Seals	Materials	Sector	Kit	%	Ratio	min.	max.	min.	max.
D45RE3000	5D45RE3000AF	AF	Standard			0.03 - 0.3	[1:3000 - 1:333]	0.03	4.5	0.5	5
	5D45RE3000VF	VF	Standard			0.03 - 0.3	[1:3000 - 1:333]	0.03	4.5	0.5	5
D45RE15	5D45RE15AF	AF	Standard			0.2 - 1.5	[1:500 - 1:66]	0.2	67.5	0.5	5
	5D45RE15AFP	AF	PVDF			0.2 - 1.5	[1:500 - 1:66]	0.2	67.5	0.5	5
	5D45RE15VF¹	VF	Standard			0.2 - 1.5	[1:500 - 1:66]	0.2	67.5	0.5	5
	5D45RE15VFP	VF	PVDF			0.2 - 1.5	[1:500 - 1:66]	0.2	67.5	0.5	5
D45REIE15	5D45REIE15AF	AF	Standard		EI	0.2 - 1.5	[1:500 - 1:66]	0.2	67.5	0.5	5
	5D45REIE15VF	VF	Standard		EI	0.2 - 1.5	[1:500 - 1:66]	0.2	67.5	0.5	5
D45RE3	5D45RE3AF	AF	Standard			0.5 - 3	[1:200 - 1:33]	0.5	135	0.5	5
	5D45RE3AFP	AF	PVDF			0.5 - 3	[1:200 - 1:33]	0.5	135	0.5	5
	5D45RE3VF¹	VF	Standard			0.5 - 3	[1:200 - 1:33]	0.5	135	0.5	5
	5D45RE3VFP	VF	PVDF			0.5 - 3	[1:200 - 1:33]	0.5	135	0.5	5
D45REIE3	5D45REIE3AF	AF	Standard		EI	0.5 - 3	[1:200 - 1:33]	0.5	135	0.5	5
	5D45REIE3AFP	AF	PVDF		EI	0.5 - 3	[1:200 - 1:33]	0.5	135	0.5	5
	5D45REIE3VF¹	VF	Standard		EI	0.5 - 3	[1:200 - 1:33]	0.5	135	0.5	5
	5D45REIE3VFP	VF	PVDF		EI	0.5 - 3	[1:200 - 1:33]	0.5	135	0.5	5
D45RE8	5D45RE8AF	AF	Standard			3 - 8	[1:33 - 1:12.5]	3	360	0.5	5
	5D45RE8AFP	AF	PVDF			3 - 8	[1:33 - 1:12.5]	3	360	0.5	5
	5D45RE8VF	VF	Standard			3 - 8	[1:33 - 1:12.5]	3	360	0.5	5
	5D45RE8VFP	VF	PVDF			3 - 8	[1:33 - 1:12.5]	3	360	0.5	5
D45REIE8	5D45REIE8AF	AF	Standard		EI	3 - 8	[1:33 - 1:12.5]	3	360	0.5	5
	5D45REIE8AFP	AF	PVDF		EI	3 - 8	[1:33 - 1:12.5]	3	360	0.5	5
	5D45REIE8VF	VF	Standard		EI	3 - 8	[1:33 - 1:12.5]	3	360	0.5	5
	5D45REIE8VFP	VF	PVDF		EI	3 - 8	[1:33 - 1:12.5]	3	360	0.5	5

Code ¹: Models usually in stock. For other models, please check the delivery time.

CHARACTERISTICS:

Fluid temp.: from 5 °C to 40 °C.
Dosing precision: +/- 5%.
Head loss: 0.1 - 1.7 bar.
Max. product viscosity: 400 cSt at 20 °C.
Max. height of product suction: 4 m.

GENERAL INFORMATION:

Integrated bypass: yes.
Injection: internal, halfway through cycle.
Motor: differential hydraulic piston.
Cylinder capacity: 0.8 l.
Suction filter: yes.
Input/output connections: 1 1/4" M BSP.

SEALS:

AF: dosing seals recommended for alkaline products.
VF: recommended dosing seals for acidic products.

STANDARD MATERIALS:

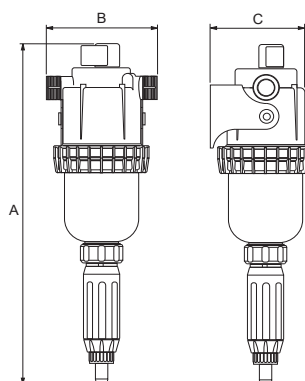
Body: polyacetal and EPDM.
Piston, motor: polypropylene, polyamide, stainless steel, Aflas and polyacetal.
Dosing part: polypropylene, polyethylene, stainless steel and Hastelloy (valve spring).
Suction pipe: PVC.

SPECIAL MATERIALS:

PVDF: special body for aggressive products (check chemical compatibilities).

KIT:

EI (external injection): recommended for certain corrosive concentrates.



DIMENSIONS/MM

Model	A	B	C
D45RE	474	180	154

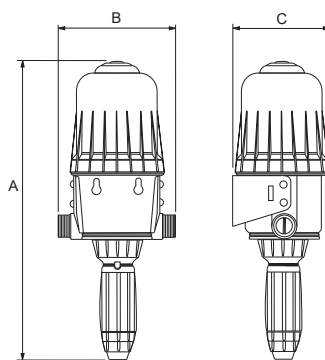


D8 RANGE

(500 l/h min. - 8 m³/h max.)

EXTERNAL ADJUSTMENT						Dosing		Product injection flow rate (l/h)		Working pressure (bar)	
Model	Code	Seals	Materials	Sector	Kit	%	Ratio	min.,	max.,	min.,	max.,
D8IL3000	5D8IL3000EXAF	AF	Standard	Ex		0.03 - 0.125	[1:3000 - 1:800]	0.16	10	0.15	8
	5D8IL3000EXVF	VF	Standard	Ex		0.03 - 0.125	[1:3000 - 1:800]	0.16	10	0.15	8
	5D8IL3000EXVFK	VF	Standard	Ex	K	0.03 - 0.125	[1:3000 - 1:800]	0.16	10	0.15	8
D8WL3000	5D8WL3000AF	AF	Standard			0.03 - 0.125	[1:3000 - 1:800]	0.16	10	0.15	8
	5D8WL3000NAF	AF	Standard		N	0.03 - 0.125	[1:3000 - 1:800]	0.16	10	0.15	8
	5D8WL3000VF	VF	Standard			0.03 - 0.125	[1:3000 - 1:800]	0.16	10	0.15	8
	5D8WL3000VFK	VF	Standard		K	0.03 - 0.125	[1:3000 - 1:800]	0.16	10	0.15	8
D8WL3000IE	5D8WL3000IEAF	AF	Standard		EI	0.03 - 0.125	[1:3000 - 1:800]	0.16	10	0.15	8
	5D8WL3000NIEAF	AF	Standard		EI+N	0.03 - 0.125	[1:3000 - 1:800]	0.16	10	0.15	8
D8RE3000	5D8RE3000AF	VF	Standard			0.03 - 0.125	[1:3000 - 1:800]	0.16	10	0.15	8
	5D8RE3000VF	VF	Standard			0.03 - 0.125	[1:3000 - 1:800]	0.16	10	0.15	8
	5D8RE3000VFK	VF	Standard		K	0.03 - 0.125	[1:3000 - 1:800]	0.16	10	0.15	8
D8IL2EX	5D8IL2EXAF	AF	Standard	Ex		0.2 - 2	[1:500 - 1:50]	1	160	0.15	8
	5D8IL2EXVF	VF	Standard	Ex		0.2 - 2	[1:500 - 1:50]	1	160	0.15	8
D8RE2	5D8RE2AF	AF	Standard			0.2 - 2	[1:500 - 1:50]	1	160	0.15	8
	5D8RE2VF¹	VF	Standard			0.2 - 2	[1:500 - 1:50]	1	160	0.15	8
D8IL5EX	5D8IL5EXAF	AF	Standard	Ex		1 - 5	[1:100 - 1:20]	5	400	0.15	8
	5D8IL5EXVF	VF	Standard	Ex		1 - 5	[1:100 - 1:20]	5	400	0.15	8
D8RE5	5D8RE5AF	AF	Standard			1 - 5	[1:100 - 1:20]	5	400	0.15	8
	5D8RE5VF¹	VF	Standard			1 - 5	[1:100 - 1:20]	5	400	0.15	8

Code¹: Models usually in stock. For other models, please check the delivery time.



DIMENSIONS/MM

Model	A	B	C
D8IL3000	667	218	190
D8WL3000	667	218	190
D8WL3000IE	706	367	190
D8RE3000	669	218	190
D8IL3EX	642	218	190
D8RE2	642	218	190
D8IL5EX	659	218	190
D8RE5	659	218	190

CHARACTERISTICS:

Fluid temp.: from 5 °C to 40 °C.
Dosing precision: +/- 5%.
Head loss: 0.2 - 1.7 bar.
Max. product viscosity: 400 cSt at 20 °C.
Max. height of product suction: 4 m.

GENERAL INFORMATION:

Integrated bypass: accessory.
Injection: internal at outlet.
Motor: differential hydraulic piston.
Cylinder capacity: 1.7 l.
Suction filter: yes.
Input/output connections: 1 ½" M BSP.

SEALS:

AF: recommended dosing seals for alkaline products.
VF: recommended dosing seals for acidic products.
K: recommended for concentrated acids (check).

STANDARD MATERIALS:

Body: polyacetal and EPDM.
Piston, motor: polyurethane, polyethylene, nylon, EPDM and polyacetal.
Dosing part: polypropylene, polyethylene and Hastelloy (valve spring).
Suction pipe: PVC.

KIT:

EI (external injection): recommended for certain corrosive concentrates.
K: kit of corrosive acidic products (> 15%).
N: drinking water certification.

D9 RANGE

(500 l/h min. - 9 m³/h max.)

EXTERNAL ADJUSTMENT					Dosing			Product injection flow rate (l/h)		Working pressure (bar)	
Model	Code	Seals	Materials		Kit	%	Ratio	min.	max.	min.	max.
D9AL2	5D9AL2VF	VF	Standard			0.2 - 2	[1:500 - 1:50]	1	180	0.3	8
D9GL2	5D9GL2BPVF¹	VF	Standard		BP	0.2 - 2	[1:500 - 1:50]	1	180	0.3	8
D9GL5	5D9GL5BPVF	VF	Standard		BP	1 - 5	[1:100 - 1:20]	5	450	0.5	8

Code ¹: Models usually in stock. For other models, please check the delivery time.

CHARACTERISTICS:

Fluid temp.: from 5 °C to 40 °C.
Dosing precision: +/- 5%.
Head loss: 0.3 - 1.6 bar.
Max. product viscosity: 400 cSt at 20 °C.
Max. height of product suction: 4 m.

GENERAL INFORMATION:

Integrated bypass: accessory.
Injection: internal at outlet.
Motor: differential hydraulic piston.
Cylinder capacity: 1.7 l.
Suction filter: yes.
Input/output connections: 1 ½" M BSP.

SEALS:

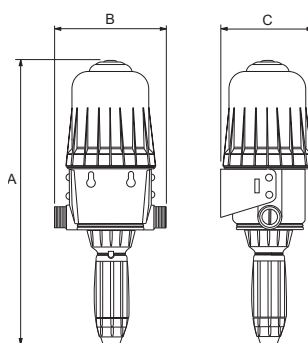
VF: recommended dosing seals for acidic products.

STANDARD MATERIALS:

Body: polypropylene and HT.
Piston, motor: polypropylene, polyamide, VF or HT, PEEK and PVDF.
Dosing part: polypropylene, polyethylene, Hastelloy (valve spring).
Suction pipe: PVC.

KIT:

BP: Integrated bypass; product suction on and off system.



DIMENSIONS/MM

Model	A	B	C
D9AL	642	218	190
D9GL2	642	218	190
D9GL5	659	218	190



D20 RANGE

(1 m³/h min. - 20 m³/h max.)

EXTERNAL ADJUSTMENT					Dosing			Product injection flow rate (l/h)		Working pressure (bar)	
Model	Code	Seals	Materials		Kit	%	Ratio	min.	max.	min.	max.
D20	5D20WL2	VF	Standard			0.2 - 2	[1:500 - 1:50]	2	400	0.12	10
	5D20GL2VF¹	VF	Standard			0.2 - 2	[1:500 - 1:50]	2	400	0.12	10
	5D20SVF	VF	Standard			0.2 - 2	[1:500 - 1:50]	2	400	0.12	10

Code ¹: Models usually in stock. For other models, please check the delivery time.

CHARACTERISTICS:

Fluid temp.: from 5 °C to 40 °C.
Dosing precision: +/- 5%.
Head loss: 0.12 - 0.88 bar.
Max. product viscosity: 400 cSt at 20 °C.
Max. height of product suction: 4 m.

GENERAL INFORMATION:

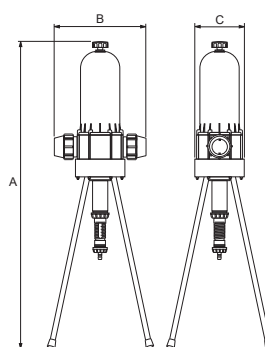
Integrated bypass: yes.
Injection: internal at outlet.
Motor: differential hydraulic piston.
Cylinder capacity: 5 L.
Suction filter: yes.
Integrated motor filter: inlet mesh.
Input/output connections: DN63.
Stand: yes.

SEALS:

VF: dosing seals recommended for acidic products.

STANDARD MATERIALS:

Body: polypropylene, PVC and aluminum.
Piston, motor: polypropylene, polyamide, EPDM, and stainless steel.
Dosing part: polypropylene, polyethylene, and PVC.
Suction pipe: PVC.



DIMENSIONS/MM

Model	A	B	C
D20	1355	380	215

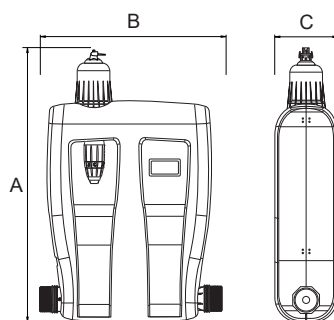


D30 range

(8 m³/h - 30 m³/h)

EXTERNAL ADJUSTMENT						Dosing		Product injection flow rate (l/h)		Working pressure (bar)	
Model	Code	Seals	Materials	Sector	Kit	%	Ratio	min.	max.	min.	max.
D30GL	5D30GL02VF	VF	Standard			0.02 - 0.2	[1:5000 - 1:500]	1.6	60	0.5	6
	5D30GL02ECVF	VF	Standard		EC	0.02 - 0.2	[1:5000 - 1:500]	1.6	60	0.5	6
	5D30GL1VF	VF	Standard			0.1 - 1	[1:1000 - 1:100]	8	300	0.5	6
	5D30GL1ECVF	VF	Standard		EC	0.1 - 1	[1:1000 - 1:100]	8	300	0.5	6

Code !: Models usually in stock. For other models, please check the delivery time.



DIMENSIONS/MM

Model	A	B	C
D30GL	913	652	223

CHARACTERISTICS:

Fluid temp.: from 5 °C to 40 °C.
Dosing precision: +/- 10%.
Head loss: 0.40 - 1.80 bar.
Max. product viscosity: 400 cSt at 20 °C.
Max. height of product suction: 4 m.

GENERAL INFORMATION:

Integrated bypass: yes.
Injection: internal at outlet.
Motor: differential hydraulic piston.
Cylinder capacity: 0.53 L.
Suction filter: yes.
Integrated motor filter: no.
Injection valve: yes.
Input/output connections: DN80.

SEALS:

VF: dosing seals recommended for acidic products.

STANDARD MATERIALS:

Body: polypropylene and HT.
Piston, motor: polypropylene, polyamide, EPDM and Hastelloy.
Dosing part: polypropylene, polyethylene, and PVC.
Suction pipe: PVC.

KIT:

EC: conductivity sensor.