PRODUCT INFORMATION

CTD
COMPACT DOSING STATION

INSPIRED. SOLUTIONS. FOR CUSTOMERS.

COMPACT DOSING STATION

The type series was designed completely modularly and provided with standardized components. As a result, the systems can be individually assembled for the respective application, as if from a modular system, and can be delivered in a much shorter time. The combination of three **sera** pump series with seven different container sizes results in a wide range of configurations.

The possibilities range from a small 40 liter container with a simple magnetic diaphragm pump to a 1,000 liter container with electrically controllable motor diaphragm pump, electric agitator and comprehensive safety pakkage.

STANDARD SCOPE OF DELIVERY

- Dosing container made of PE with liter scale and screw cover
- Mounting bracket for a secure position of the dosing tank
- Ventilation bow
- Suction lance with foot valve and line strainer for optimal media removal

ADVANTAGES AT A GLANCE

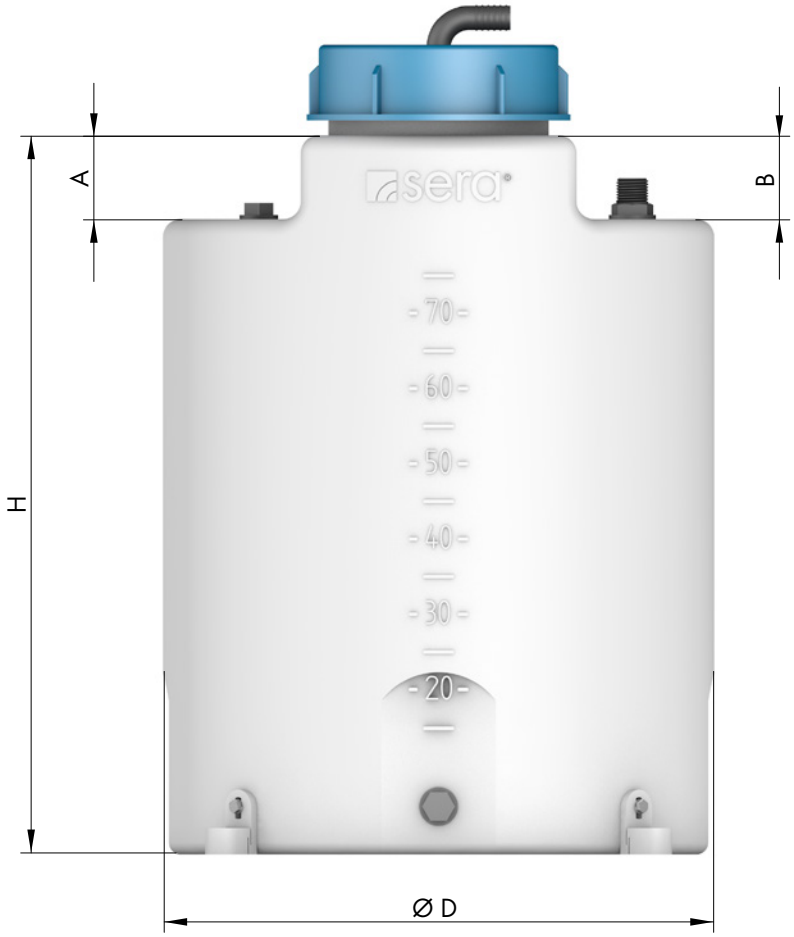
- Standardized dosing tanks
- Space saving mounting
- Wide range of application
- High safety standard
- High quality materials
- Easy to operate
- Low maintenance
- Complete range of accessories

TECHNICAL DATA

UNIT DATA		CTD - ...						
		.. 40.1	.. 75.1	.. 100.1	.. 200.1	.. 300.1	.. 500.1	.. 1000.1
Tank volume	Litres	40	75	100	200	300	500	1.000
Flow capacity	l/h	0,4...35	0,4...180	0,4...180	0,4...570	0,4...570	0,4...570	0,4...570
Permissible counterpressure	bar (max)	10	10	10	10	10	10	10
Nominal width of suction lance	DN	5	5/10	5/10	5/10/15	5/10/15	5/10/15	5/10/15

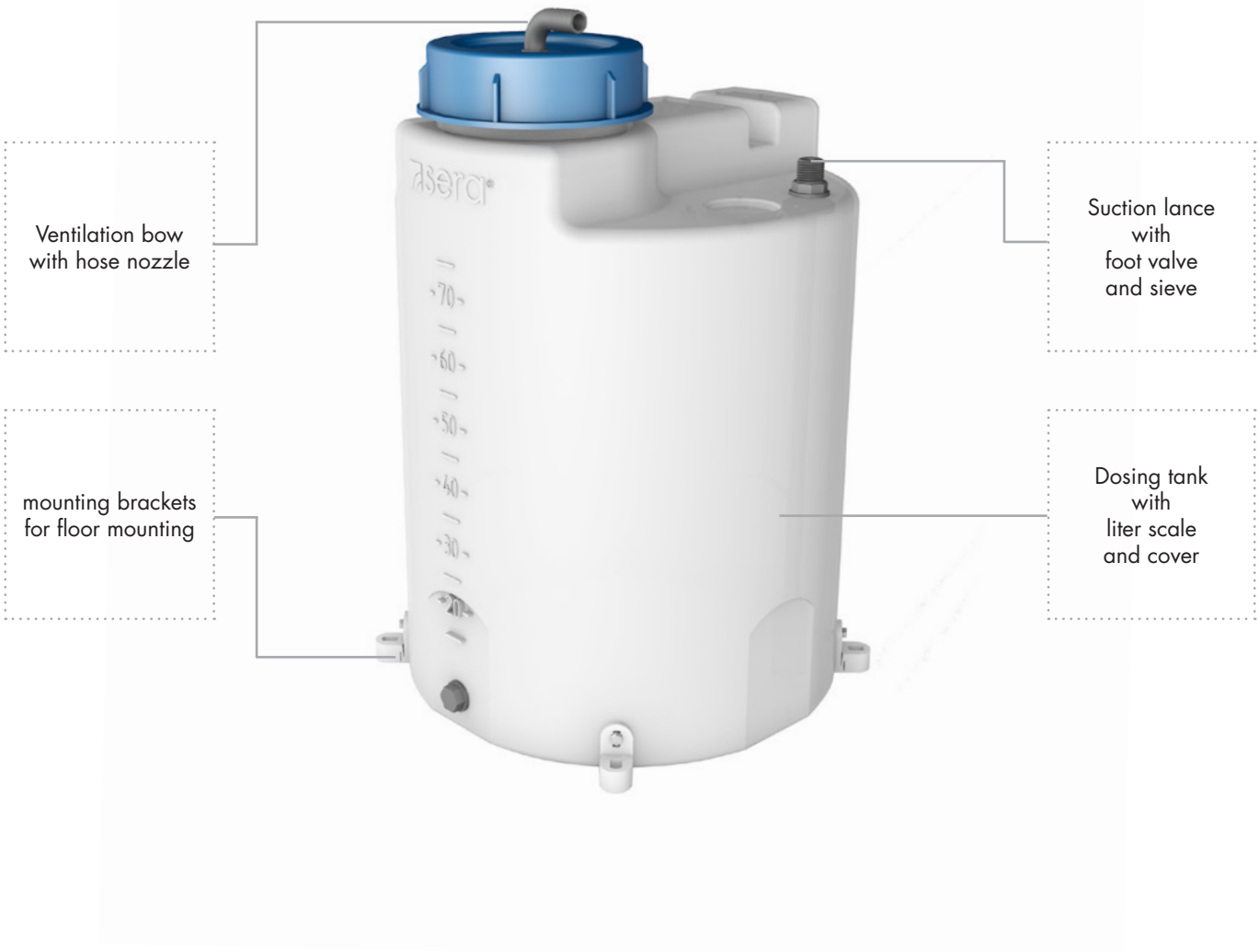
ASSIGNMENT OF PUMPS			CTD-40.1	CTD-75.1 ... CTD-1000.1
R204.1 - 1,2 e	...	R204.1 - 35e	■	■
C204.1 - 1,2 e	...	C204.1 - 35e	■	■
iSTEP S 20	...	iSTEP S 50		■
RF409.2 - 1,6e	...	RF409.2 - 350e		■
C409.2 - 1,6e	...	C409.2 - 350e		■
RF410.2 - 280e	...	RF410.2 - 570e		■
C410.2 - 280e	...	C410.2 - 570e		■
RF409.2 - 11 ML	...	RF409.2 - 220 ML		■
C409.2 - 11 ML	...	C409.2 - 220 ML		■
RF410.2 - 135 ML	...	RF410.2 - 500 ML		■
C410.2 - 135 ML	...	C410.2 - 500 ML		■

DIMENSIONS



	CTD - ...						
	.. 40.1	.. 75.1	.. 100.1	.. 200.1	.. 300.1	.. 500.1	.. 1000.1
A	70	70	70	80	80	90	110
B	70	70	70	100	100	90	100
D	420	460	460	670	670	790	1080
H	425	600	760	750	1030	1170	1290

BASIC DESIGN



ADDITIONAL FEATURES

DOSING PUMP SELECTION

STEPPER MOTOR PUMPS iSTEP

SOLENOID DIAPHRAGM PUMPS R/C204.1

DIAPHRAGM PUMPS RF/C409.2e ...

DIAPHRAGM PUMPS RF/C410.2e

MULTI LAYER DIAPHRAGM PUMPS RF/C409.2ML ...

MULTI LAYER DIAPHRAGM PUMPS RF/C410.2ML

Splash guard

Multi function valve

with return line into the container

Agitator

Hand mixer or electric agitator

Integrated relief valve with return line into the container

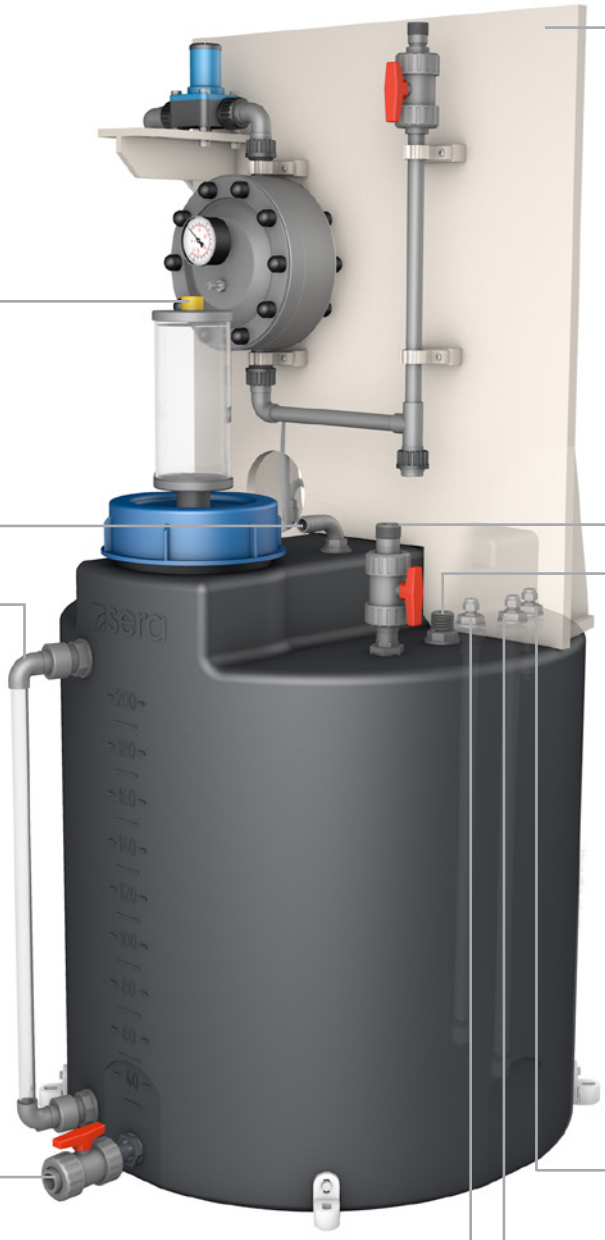
(ohne Abbildung)

Protective roof for drive motor of the pump

(without fig)

Collecting basin

ADDITIONAL FEATURES



Gas-tight design

Chemical vapor lock

Gas-tight design

Connection to ventilation system

Level indicator

only with black colored containers

Drain fitting

Control

(without fig)

Plug lock for screw cover

(without fig)

Solenoid float switch pre-alarm LSL (min)

Solenoid float switch dry run protection LSLL (min-min)

Dissolving basket

(without fig)

Solenoid float switch full message LSH (max)

cabling

(without fig)

Container screw connection

Filling fitting

Dosing equipment (DE-...) container or wall mounting

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