

### DAV 1 in survey

- The most modern pump technology
- Standardized mounting plates
- Space-saving wall mounting
- Wide application range
- High safety standard
- Large range of capacity
- High dosing accuracy
- Easy to operate
- Low maintenance
- Complete accessory programme

### Infobox

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## Technical data

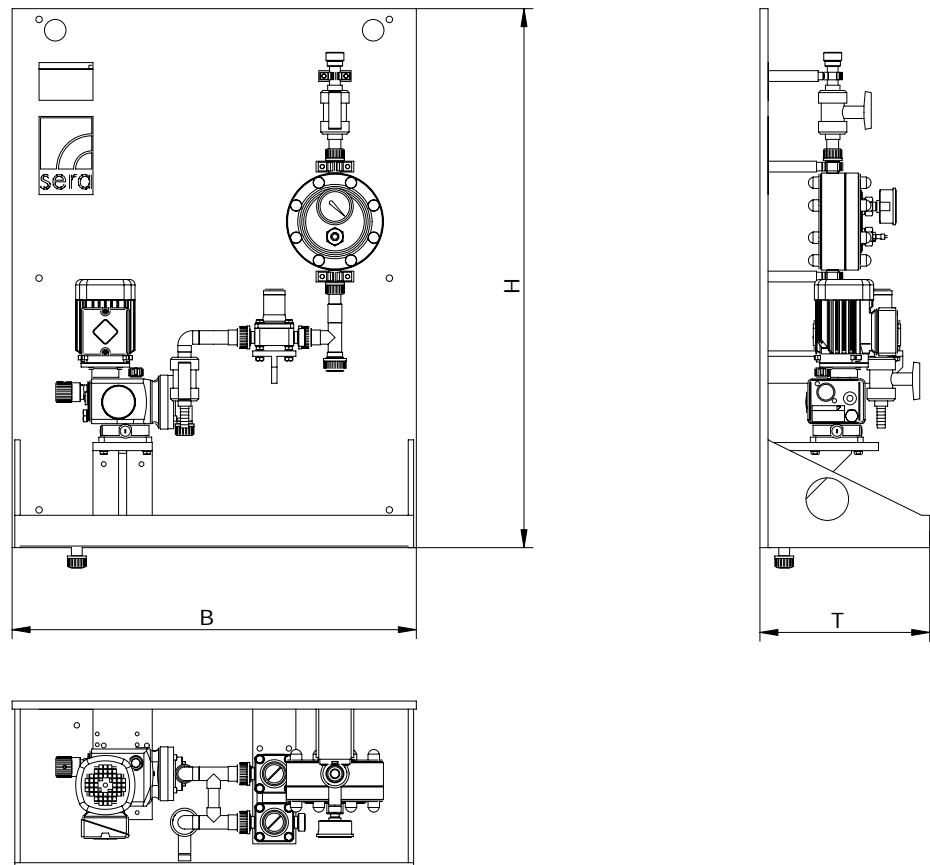
Type	Conveying capacity	permissible counter-pressure bar	permissible suction height mWC	Quantity pumps	Pump-series
	litres/hour				
DAV 1 - 75.1	up to 75	up to 10	up to 3	1	R/C 204.1-1,2e ... R/C 409.2-75
DAV 1 - 180.1	up to 180	up to 8	up to 3	1	R/C 409.2- 90 ... R/C 409.2-180
DAV 1 - 350.1	up to 350	up to 8	up to 5	1	R 410.2-200 ... R/C 409.2-350
DAV 1 - 900.1	up to 900	up to 6	up to 3	1	R 410.2- 450 ... R 410.2- 900
DAV 1 - 1450.1	up to 1450	up to 5	up to 3	1	R 410.2-1100 ... R 410.2-1450

## Dimensional drawing for application example

### Application example

consisting with following options:

- Diaphragm pulsation damper
- Diaphragm pressure keeping valve
- Drip pan with connection G1



### Dimensional chart

All indications in mm

Type	B		T		H	
	Standard-design	Compact-design	Standard-design	Compact-design	Standard-design	Compact-design
DAV 1 - 75.1 ... DAV 1 - 180.1	750	600	315	315	1000	600...1000
DAV 1 - 350.1 ... DAV 1 - 1450.1	1000	750	555	450	1500	750...1000

## Order informations

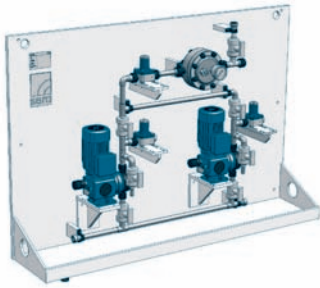
### Basic design

#### DAV 1

- Diaphragm pump
- 2-way-ball cock on suction- and pressure side (shut-off + draining)
- Diaphragm relief valve
- Mounting plates made of PP (without drip pan)
- Line strainer
- Piping made of PVC-U, PP or PVDF
- Seals made of EPDM or FPM

Type	x
DAV 1 - 75.1	
DAV 1 - 180.1	
DAV 1 - 350.1	
DAV 1 - 900.1	
DAV 1 - 1450.1	

Options/Accessories		x
<b>Diaphragm pressure-keeping valve</b>		▲
<b>Pulsation damper</b>	Pulsation damper	▲
	Diaphragm pulsation damper	▲
<b>Drip pan</b> with connection G1 (blind closed)		▲
<b>Drip pan with splash guard</b> with connection G1 (blind closed)	see illustration „Dosing units (e.g. with protection cabinet)“ chapter 1, page 1.36, „Industrial-solutions“	▲
<b>Drain cock</b> (Drip pan)		▲
<b>Flow meter</b>	Magneto-inductive flow meter	▲
	Calorimetric flow controller	▲
	Flow controller (f. pumps of C-series)	▲
<b>Compact-design</b>		▲
<b>further accessories on request</b>		
<p>● = Basic design    – = not available    ▲ = with add. price    ⊗ = on request    ○ = without add. price    Art.-No. = available in basic design accessories</p>		



### DAV 2 in survey

- The most modern pump technology
- Standardized mounting plates
- Space-saving wall mounting
- Wide application range
- High safety standard
- Large range of capacity
- High dosing accuracy
- Easy to operate
- Low maintenance
- Complete accessory programme

### Infobox

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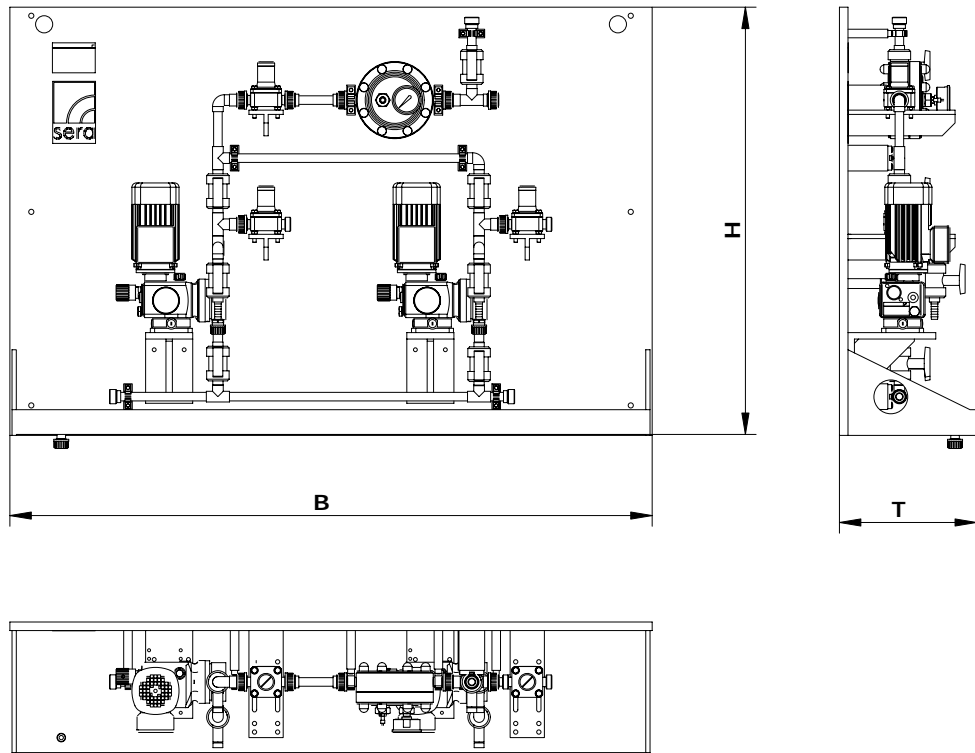
## Technical data

Type	Conveying capacity litres/hour	permissible counterpressure bar	permissible suction height mWC	Quantity pumps	Pump-series
DAV 2 - 75.1	up to 2 x 75	up to 10	up to 3	2	R/C 204.1-1,2e ... R/C 409.2-75
DAV 2 - 180.1	up to 2 x 180	up to 8	up to 3	2	R/C 409.2- 90 ... R/C 409.2-180
DAV 2 - 350.1	up to 2 x 350	up to 8	up to 5	2	R 410.2- 200 ... R/C 409.2-350
DAV 2 - 900.1	up to 2 x 900	up to 6	up to 3	2	R 410.2- 450 ... R 410.2- 900
DAV 2 - 1450.1	up to 2 x 1450	up to 5	up to 3	2	R 410.2-1100 ... R 410.2-1450

## Dimensional drawing for application example

**Application example**  
consisting of basic design  
with following options:

- Diaphragm pulsation damper
- Diaphragm pressure-keeping valve
- Drip pan with connection G1



### Dimensional chart

All indications in mm

Type	B		T		H	
	Standard-design	Compact-design	Standard-design	Compact-design	Standard-design	Compact-design
DAV 2 - 75.1 ... DAV 2 - 180.1	1500	1000	315	315	1000	750 ... 1000
DAV 2 - 350.1 ... DAV 2 - 1450.1	2000	1250	535	450	1500	750 ... 1000

## Order information

### Basic design

#### DAV 2

- 2 diaphragm pumps
- 2-way-ball cocks on suction- and pressure side (shut-off + draining)
- Diaphragm relief valves
- Wandmontageplatte made of PP (without drip pan)
- Line strainer
- Piping made of PVC-U or PP
- Seals made of EPDM or FPM

Type	x
DAV 2 - 75.1	
DAV 2 - 180.1	
DAV 2 - 350.1	
DAV 2 - 900.1	
DAV 2 - 1450.1	

Options/Accessories		x
<b>Diaphragm pressure-keeping valve</b>		▲
<b>Pulsation damper</b>	Pulsation damper	▲
	Diaphragm pulsation damper	▲
<b>Drip pan</b> with connection G1 (blind closed)		▲
<b>Drip pan with splash fuard</b> with connection G1 (blind closed)	see illustration „Dosing units (e.g. with protection cabinet)“ chapter 1, page 1.36, „Industrial-solutions“	▲
<b>Drain cock</b> (drip pan)		▲
<b>Flow meter</b>	Magneto-inductive flow meter	▲
	Calorimetric flow controller	▲
	Flow controller (f. pumps of C-series)	▲
<b>Compact-design</b>		▲
<b>further options/accessories on request</b>		
<p>● = Basic design    – = not available    ▲ = with add. price    Ⓒ = on request    ○ = without add. price    Art.-No. = available in basic design/ accessories</p>		