

Pressure Booster System

# DeltaPrimo

DeltaPrimo F  
DeltaPrimo VC  
DeltaPrimo SVP

## Type Series Booklet



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Type Series Booklet DeltaPrimo

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## Building Services: Water Supply

### Pressure Booster Systems

# DeltaPrimo



DeltaPrimo F

DeltaPrimo VC

DeltaPrimo SVP

### Main applications

- Pressure boosting

### Fluids handled

- Clean fluids not chemically or mechanically aggressive to the pump materials
- Drinking water
- Clean water (without solids)

### Operating data

**Table 1: Operating properties**

Feature		Value		
		F	VC	SVP
Flow rate	Q [m <sup>3</sup> /h]	≤ 88	≤ 40	≤ 88
	Q [l/s]	≤ 24,4	≤ 11,1	≤ 24,4
Head	H [m]	≤ 134	≤ 125	≤ 134
Fluid temperature	T <sub>min.</sub> [°C]	≥ 0	≥ 0	≥ 0
	T <sub>max.</sub> [°C]	≤ +60	≤ +60	≤ +60
Operating pressure	p [bar]	≤ 16	≤ 16	≤ 16
Max. inlet pressure	p <sub>ini</sub> [bar]	≤ 8	≤ 8	≤ 8
Motor rating	P [kW]	4,00	2,20	7,50

### Designation

**Table 2: Designation example**

Position																										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
K	D	B		S	V	P	2	-	0	1	0	/	1	1	0	M	5	A	1	1		/	0	0	0	
K	D	C		M	V	P	2	-	0	0	2	/	1	4	0	M	5	A	0	1	0		/	0	0	0
K	D	M		S	V	P	4	-	0	4	0	/	0	3	0	M	5	A	1	1		/	0	0	0	

### Design details

#### Design

- Compact system mounted on a common base frame
- 2 (F / SVP / VC) / 3 (F / SVP / VC) / 4 (F / SVP) vertical high-pressure pumps
- Hydraulic components made of stainless steel / brass
- Integrated dry running protection

#### DeltaPrimo F:

- DOL starting

#### DeltaPrimo VC, SVP:

- With variable speed system

#### Multiple pump system:

- Discharge-side gate valve per pump

#### For inlet conditions M and F only:

- Check valve per pump
- Suction side ball valve or shut-off butterfly valve per pump

#### DeltaPrimo F:

- Power contactor per pump

#### DeltaPrimo VC, SVP:

- One frequency inverter per pump
- Power contactor per pump

### Installation

- Stationary dry installation

### Drive

#### DeltaPrimo F, VC:

- Electric motor
- Efficiency class IE3 to IEC 60034-30

#### DeltaPrimo SVP:

- Magnetless synchronous reluctance motor
- Efficiency class IE5 to IEC 60034-30
- KSB SuPremE

### Automation

- Control unit (IP54 enclosure)
  - Sheet steel housing: colour RAL 7035
  - KSB BoosterCommand Pro
  - Control panel (display, dial with key function, LED indicators, Bluetooth LE interface for app connection)
  - Modbus RTU
  - Lockable master switch (repair switch)
  - Motor protection switch per pump
  - Bluetooth LE interface for app connection KSB Delta FlowManager
  - LEDs for signalling the operating status
  - 2 volt-free contacts on terminals are provided for reporting warnings and alerts.

Position																									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
K	D	P		-	V	C	3	-	0	1	5	/	0	8	0	M	5	S	3	1		/	1	0	0
K	D	S		M	V	P	1	-	0	0	4	/	1	2	0	M	5	S	3	1		/	0	0	0
See data sheet																									

**Table 3: Designation key**

Position	Code	Description
1-3	Type series	
	KDB	DeltaBasic
	KDC	DeltaSolo Compact / DeltaBasic Compact
	KDM	DeltaMacro
	KDP	DeltaPrimo
	KDS	DeltaSolo
5-7	Type of control	
	-F-	Fixed speed pumps
	-VC	Frequency inverter for variable speed operation, cabinet-mounted frequency inverter
	MVP	Frequency inverter for variable speed operation (Nastec Mida), motor-mounted frequency inverter, intelligent control of system by frequency inverter
	SVP	Frequency inverter per pump (PumpDrive 2 Eco / PumpDrive 2) at the motor
8	Number of pumps	
	1	1 pump
	2	2 pumps
	3	3 pumps
	4	4 pumps
	5	5 pumps
	6	6 pumps
10-12	Pump size	
	002	Movitec 2
	004	Movitec 4
	006	Movitec 6
	010	Movitec 10
	015	Movitec 15
	025	Movitec 25
	040	Movitec 40
	060	Movitec 60
	090	Movitec 90
	125	Movitec 125
	C02	Comeo 2
	C04	Comeo 4
C06	Comeo 6	
14-15	Number of pump stages	
		01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 26, 28, 30
16	Impeller design	
	0	No trimmed impeller
	1	1 trimmed impeller
	2	2 trimmed impellers
	L	Impeller for low NPSH value
	R	1 trimmed L-version impeller <sup>1)</sup>
	S	2 trimmed L-version impellers <sup>1)</sup>
17	Inlet conditions	
	M	Inlet side of pressure booster system connected to the municipal water supply, suction head operation
	F	Pressure booster system with break tank arranged on same level as pump, suction head operation
	L	Pressure booster system with break tank arranged at a lower level, suction lift operation

<sup>1</sup> L-version impeller = design for low NPSH values

Position	Code	Description
18	Frequency [Hz]	
	5	50 Hz
	6	60 Hz
19	Drive	
	A	Asynchronous motor (IEC), standard
	S	KSB SuPremE
20	Frequency inverter design	
	0	Fixed speed
	1	Nastec Mida
	2	Danfoss Mididrive (FC280)
	3	PumpDrive 2 Eco
	4	PumpDrive 2
21	Control system design	
	0	Integrated in drive
	1	KSB BoosterCommand Pro
22	Dry running protection (RDP) design	
	0	Cos Phi
	1	Pressure switch
	2	Pressure switch with pressure gauge
	3	Pressure transmitters
	4	Pressure transmitter with pressure gauge
	5	Wire jumper
24	Connection type	
	0	C × T (cap x thread)
	1	C × F (cap x flange)
	2	F × F (blind flange x flange)
25	Control cabinet design	
	0	No optional equipment
	1	With optional equipment
26	Design	
	0	Standard design
	1/2	Special design

## Configuration and function

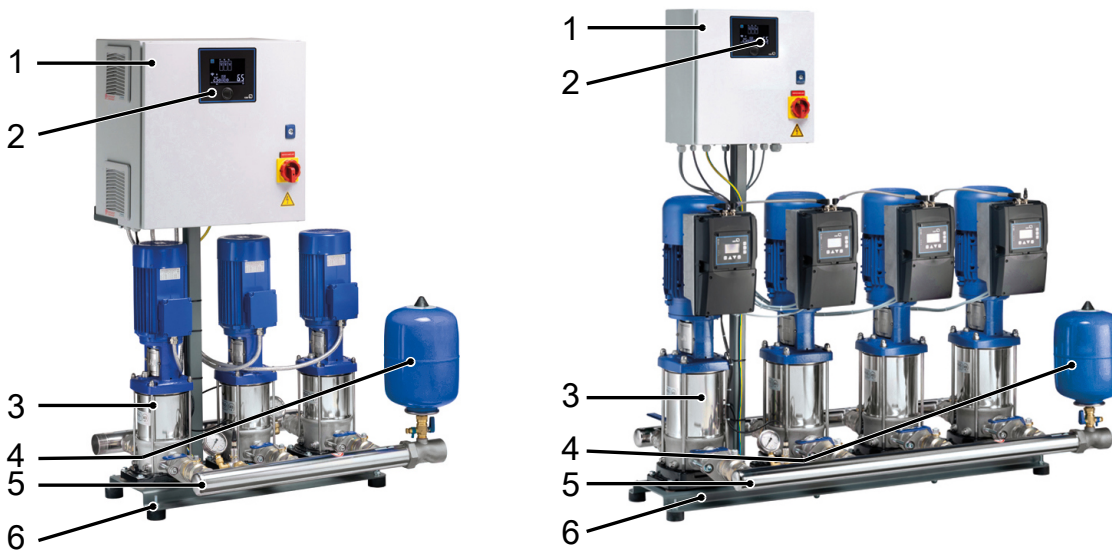


Fig. 1: Configuration DeltaPrimo VC / SVP

1	Control box	4	Membrane-type accumulator
2	Control unit	5	Manifold
3	Pump	6	Baseplate

### Design

Fully automatic pressure booster system with two, three or four vertical high-pressure pumps (3) for ensuring the required supply pressure.

### Function

DeltaPrimo F:

Either two, three or four pumps are controlled and monitored by a microprocessor control unit (KSB BoosterCommand Pro). The first pump is started up when the pressure falls below the set start-up pressure (setpoint minus half bandwidth). Additional pumps are sequenced in automatically in line with actual demand. When demand decreases, the pumps are sequenced out again as the stop pressure (setpoint plus half bandwidth) is reached. The pump that has been started up first will be stopped first. The pumps are automatically started up in a different order for each new cycle. The actual pressure is measured by an analog pressure pressure transmitter. The function of this pressure transmitter is monitored (broken wire detection). This ensures equal distribution of pump operating hours.

If a duty pump fails, the next pump is started up immediately. A general fault message can be transmitted via a volt-free contact (e.g. to the control station).

DeltaPrimo VC, SVP:

Either two, three (VC) or four (SVP) pumps are controlled and monitored by a microprocessor control unit (KSB BoosterCommand Pro). Each pump is operated on a frequency inverter and controlled by the control unit so as to ensure a constant discharge pressure of the pressure booster system.

As the demand increases or decreases, peak load pumps are started and stopped automatically. As soon as the demand increases again after one pump has been stopped, another pump which has not been in operation before is started up. When the last pump has been stopped and the demand increases again, the next pump in line is started up on a frequency inverter. The stand-by pump is also included in the alternating cycle.

The standard setting is for the pressure booster system to start automatically as a function of pressure. As long as the pressure booster system is in operation, the pumps are started and stopped as a function of demand (standard setting). In this way it is ensured that the individual pumps operate only in line with actual demand.

If the demand drops towards 0, the pressure booster system slowly runs down to the stop point.

DeltaPrimo SVP:

1 volt-free general contact is provided in the control cabinet for reporting warnings and alerts, respectively.

If a pump has not been in operation for 24 hours, a test run is initiated for this pump.

## Materials

**Table 4:** Overview of available materials

Part No. (⇒ Page 79)	Description	Material
101	Pump casing	1.4308
10-6	Pump shroud	1.4301
200	Hydraulic system	1.4301
412	Elastomer	EPDM
433	Mechanical seal	To EN 12756
591	Membrane-type accumulator, connection	1.4401
742	Swing check valve	POM (polyoxymethylene)
743	Ball valve	Brass, nickel-coated
890	Baseplate	Steel, powder-coated
-	Membrane	Approved for drinking water

### Product benefits

- Suitable for drinking water installations as it has been manufactured under stringent hygienic conditions
- Hygienic, optimised design without dead volumes
- Ready to be installed, pre-set at the factory
- High flexibility as the suction-side and discharge-side manifolds can simply be installed upside down
- The use of variable speed pumps reduces wear and markedly lowers the pumps' frequency of starts in parallel operation.<sup>2)</sup>


### Product information

#### Product information as per Regulation No. 1907/2006 (REACH)


For information as per European chemicals regulation (EC) No. 1907/2006 (REACH) see <https://www.ksb.com/en-global/company/corporate-responsibility/reach>.

### Certifications

**Table 5:** Overview

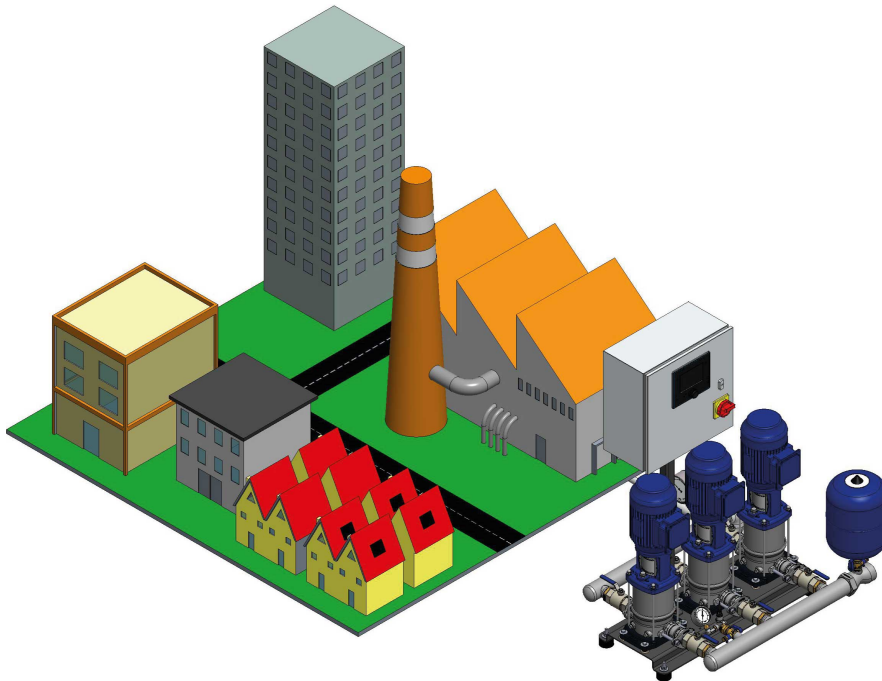
Label	Effective in:	Comment
	France	Approved in accordance with the French drinking water regulation
	United Kingdom	Approved in accordance with the UK drinking water regulation

#### Globe valves and swing check valve:

	Germany	Approved in accordance with the German drinking water regulation
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<sup>2)</sup> For design variants VC and SVP only



**Technical data**
**DeltaPrimo F, inlet condition M**


**Fig. 2:** Inlet conditions, version M (mains) = direct connection (inlet side of pressure booster system connected to the municipal water supply)

F = fixed speed pressure booster system

3 × 400 V ± 10 %

Dry running protection = pressure sensor

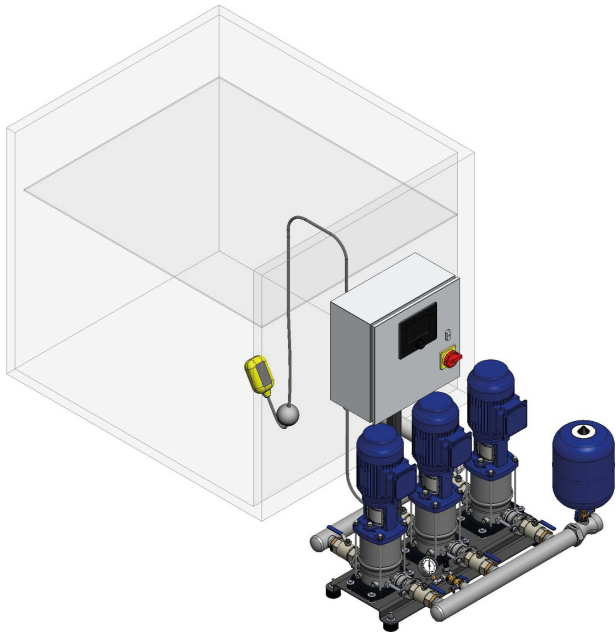
**Table 6:** 50 Hz

DeltaPrimo	Number of pumps	Movitec	Number of stages	DN1	DN2	P <sub>N</sub> [kW]	Efficiency class	I <sub>N</sub> [A]	Frequency of starts [x/h]	I <sub>min</sub> Overcurrent protection [A]	I <sub>max</sub> Overcurrent protection [A]	Sound pressure level [dB(A)]	Enclosure	PN	Mat. No.	[kg]
F	2	02	02	G 1 1/2	G 1 1/2	0,37	IE-	0,95	50	4	25	60	IP54	16	05082033	68,048
F	2	02	03	G 1 1/2	G 1 1/2	0,37	IE-	0,95	50	4	25	60	IP54	16	05082036	68,938
F	2	02	04	G 1 1/2	G 1 1/2	0,37	IE-	0,95	50	4	25	60	IP54	16	05082039	69,87
F	2	02	05	G 1 1/2	G 1 1/2	0,37	IE-	0,95	50	4	25	60	IP54	16	05082062	70,796
F	2	02	06	G 1 1/2	G 1 1/2	0,55	IE-	1,2	50	6,1	25	60	IP54	16	05082065	74,71
F	2	02	07	G 1 1/2	G 1 1/2	0,55	IE-	1,2	50	6,1	25	60	IP54	16	05082068	75,594
F	2	02	08	G 1 1/2	G 1 1/2	0,55	IE-	1,2	50	6,1	25	60	IP54	16	05082071	77,006
F	2	02	09	G 1 1/2	G 1 1/2	0,75	IE3	1,8	180	9,3	25	55	IP54	16	05082074	82,734
F	2	02	10	G 1 1/2	G 1 1/2	0,75	IE3	1,8	180	9,3	25	55	IP54	16	05082077	83,69
F	2	02	11	G 1 1/2	G 1 1/2	1,10	IE3	2,3	180	9,3	25	55	IP54	16	05082080	89,224
F	2	02	12	G 1 1/2	G 1 1/2	1,10	IE3	2,3	180	9,3	25	55	IP54	16	05082083	90,166
F	2	02	14	G 1 1/2	G 1 1/2	1,10	IE3	2,3	180	9,3	25	55	IP54	16	05082086	92,496
F	2	04	02	G 1 1/2	G 1 1/2	0,37	IE-	0,95	50	4	25	60	IP54	16	05082097	67,888
F	2	04	03	G 1 1/2	G 1 1/2	0,55	IE-	1,2	50	6,1	25	60	IP54	16	05082100	71,68
F	2	04	04	G 1 1/2	G 1 1/2	0,55	IE-	1,2	50	6,1	25	60	IP54	16	05082103	72,534
F	2	04	05	G 1 1/2	G 1 1/2	0,75	IE3	1,8	180	9,3	25	55	IP54	16	05082106	78,134
F	2	04	06	G 1 1/2	G 1 1/2	1,10	IE3	2,3	180	9,3	25	55	IP54	16	05082109	83,59
F	2	04	07	G 1 1/2	G 1 1/2	1,10	IE3	2,3	180	9,3	25	55	IP54	16	05082112	84,876
F	2	04	08	G 1 1/2	G 1 1/2	1,50	IE3	3	50	14,2	25	55	IP54	16	05082115	95,262
F	2	04	09	G 1 1/2	G 1 1/2	1,50	IE3	3	50	14,2	25	55	IP54	16	05082118	96,16

DeltaPrimo	Number of pumps	Movitec	Number of stages	DN1	DN2	P <sub>N</sub> [kW]	Efficiency class	I <sub>N</sub> [A]	Frequency of starts [x/h]	I <sub>min</sub> Overcurrent protection [A]	I <sub>max</sub> Overcurrent protection [A]	Sound pressure level [dB(A)]	Enclosure	PN	Mat. No.	[kg]
F	2	04	10	G 1 1/2	G 1 1/2	1,50	IE3	3	50	14,2	25	55	IP54	16	05082121	97,038
F	2	04	11	G 1 1/2	G 1 1/2	2,20	IE3	4,3	30	19,1	25	55	IP54	16	05082124	106,894
F	2	04	12	G 1 1/2	G 1 1/2	2,20	IE3	4,3	30	19,1	25	55	IP54	16	05082127	107,758
F	2	06	02	G 1 1/2	G 1 1/2	0,37	IE-	0,95	50	4	25	60	IP54	16	05082135	67,996
F	2	06	03	G 1 1/2	G 1 1/2	0,75	IE3	1,8	180	9,3	25	55	IP54	16	05082138	76,666
F	2	06	04	G 1 1/2	G 1 1/2	1,10	IE3	2,3	180	9,3	25	55	IP54	16	05082141	82,25
F	2	06	05	G 1 1/2	G 1 1/2	1,10	IE3	2,3	180	9,3	25	55	IP54	16	05082144	83,232
F	2	06	06	G 1 1/2	G 1 1/2	1,50	IE3	3	50	14,2	25	55	IP54	16	05082147	94,18
F	2	06	07	G 1 1/2	G 1 1/2	1,50	IE3	3	50	14,2	25	55	IP54	16	05082150	95,206
F	2	06	08	G 1 1/2	G 1 1/2	2,20	IE3	4,3	30	19,1	25	55	IP54	16	05082153	104,712
F	2	06	09	G 1 1/2	G 1 1/2	2,20	IE3	4,3	30	19,1	25	55	IP54	16	05082156	105,686
F	2	06	10	G 1 1/2	G 1 1/2	2,20	IE3	4,3	30	19,1	25	55	IP54	16	05082159	107,178
F	2	06	11	G 1 1/2	G 1 1/2	3,00	IE3	5,8	30	22,6	25	57	IP54	16	05082162	121,902
F	2	06	12	G 1 1/2	G 1 1/2	3,00	IE3	5,8	30	22,6	25	57	IP54	16	05082164	122,888
F	2	10	01	G 2	G 2	0,75	IE3	1,8	180	9,3	25	55	IP54	16	05082170	100,576
F	2	10	02	G 2	G 2	0,75	IE3	1,8	180	9,3	25	55	IP54	16	05082173	101,09
F	2	10	03	G 2	G 2	1,10	IE3	2,3	180	9,3	25	55	IP54	16	05082176	107,972
F	2	10	04	G 2	G 2	1,50	IE3	3	50	14,2	25	55	IP54	16	05082179	119,366
F	2	10	05	G 2	G 2	2,20	IE3	4,3	30	19,1	25	55	IP54	16	05082182	129,702
F	2	10	06	G 2	G 2	2,20	IE3	4,3	30	19,1	25	55	IP54	16	05082185	131,994
F	2	10	07	G 2	G 2	3,00	IE3	5,8	30	22,6	25	57	IP54	16	05082188	147,698
F	2	10	08	G 2	G 2	3,00	IE3	5,8	30	22,6	25	57	IP54	16	05082190	149,564
F	2	10	09	G 2	G 2	4,00	IE3	7,4	30	28,5	40	58	IP54	16	05082192	171,201
F	2	10	10	G 2	G 2	4,00	IE3	7,4	30	28,5	40	58	IP54	16	05082194	176,673
F	2	15	01	DN 65	DN 65	1,10	IE3	2,3	180	9,3	25	55	IP54	16	48245746	118,096
F	2	15	02	DN 65	DN 65	2,20	IE3	4,3	30	19,1	25	55	IP54	16	48245749	138,912
F	2	15	03	DN 65	DN 65	3,00	IE3	5,8	30	22,6	25	57	IP54	16	48245752	155,806
F	2	15	04	DN 65	DN 65	4,00	IE3	7,4	30	28,5	40	58	IP54	16	48245754	177,371
F	3	02	02	G 1 1/2	G 1 1/2	0,37	IE-	0,95	50	4,5	25	60	IP54	16	05082213	90,687
F	3	02	03	G 1 1/2	G 1 1/2	0,37	IE-	0,95	50	4,5	25	60	IP54	16	05082216	92,022
F	3	02	04	G 1 1/2	G 1 1/2	0,37	IE-	0,95	50	4,5	25	60	IP54	16	05082219	93,42
F	3	02	05	G 1 1/2	G 1 1/2	0,37	IE-	0,95	50	4,5	25	60	IP54	16	05082222	94,809
F	3	02	06	G 1 1/2	G 1 1/2	0,55	IE-	1,2	50	6,9	25	60	IP54	16	05082225	100,68
F	3	02	07	G 1 1/2	G 1 1/2	0,55	IE-	1,2	50	6,9	25	60	IP54	16	05082228	102,006
F	3	02	08	G 1 1/2	G 1 1/2	0,55	IE-	1,2	50	6,9	25	60	IP54	16	05082231	103,884
F	3	02	09	G 1 1/2	G 1 1/2	0,75	IE3	1,8	180	10,5	25	55	IP54	16	05082234	112,476
F	3	02	10	G 1 1/2	G 1 1/2	0,75	IE3	1,8	180	10,5	25	55	IP54	16	05082237	113,91
F	3	02	11	G 1 1/2	G 1 1/2	1,10	IE3	2,3	180	10,5	25	55	IP54	16	05082240	122,211
F	3	02	12	G 1 1/2	G 1 1/2	1,10	IE3	2,3	180	10,5	25	55	IP54	16	05082243	123,624
F	3	02	14	G 1 1/2	G 1 1/2	1,10	IE3	2,3	180	10,5	25	55	IP54	16	05082246	126,879
F	3	04	02	G 1 1/2	G 1 1/2	0,37	IE-	0,95	50	4,5	25	60	IP54	16	05082257	90,447
F	3	04	03	G 1 1/2	G 1 1/2	0,55	IE-	1,2	50	6,9	25	60	IP54	16	05082260	96,135
F	3	04	04	G 1 1/2	G 1 1/2	0,55	IE-	1,2	50	6,9	25	60	IP54	16	05082263	97,416
F	3	04	05	G 1 1/2	G 1 1/2	0,75	IE3	1,8	180	10,5	25	55	IP54	16	05082266	105,816
F	3	04	06	G 1 1/2	G 1 1/2	1,10	IE3	2,3	180	10,5	25	55	IP54	16	05082269	114
F	3	04	07	G 1 1/2	G 1 1/2	1,10	IE3	2,3	180	10,5	25	55	IP54	16	05082272	115,689
F	3	04	08	G 1 1/2	G 1 1/2	1,50	IE3	3	50	16,1	25	55	IP54	16	05082275	131,268
F	3	04	09	G 1 1/2	G 1 1/2	1,50	IE3	3	50	16,1	25	55	IP54	16	05082278	132,615
F	3	04	10	G 1 1/2	G 1 1/2	1,50	IE3	3	50	16,1	25	55	IP54	16	05082281	133,932
F	3	04	11	G 1 1/2	G 1 1/2	2,20	IE3	4,3	30	21,7	25	55	IP54	16	05082284	148,476
F	3	04	12	G 1 1/2	G 1 1/2	2,20	IE3	4,3	30	21,7	25	55	IP54	16	05082287	149,772
F	3	06	02	G 2	G 2	0,37	IE-	0,95	50	4,5	25	60	IP54	16	05082295	92,419

DeltaPrimo	Number of pumps	Movitec	Number of stages	DN1	DN2	P <sub>N</sub> [kW]	Efficiency class	I <sub>N</sub> [A]	Frequency of starts [x/h]	I <sub>min</sub> Overcurrent protection [A]	I <sub>max</sub> Overcurrent protection [A]	Sound pressure level [dB(A)]	Enclosure	PN	Mat. No.	[kg]
F	3	06	03	G 2	G 2	0,75	IE3	1,8	180	10,5	25	55	IP54	16	05082298	105,424
F	3	06	04	G 2	G 2	1,10	IE3	2,3	180	10,5	25	55	IP54	16	05082301	113,8
F	3	06	05	G 2	G 2	1,10	IE3	2,3	180	10,5	25	55	IP54	16	05082304	115,273
F	3	06	06	G 2	G 2	1,50	IE3	3	50	16,1	25	55	IP54	16	05082307	131,455
F	3	06	07	G 2	G 2	1,50	IE3	3	50	16,1	25	55	IP54	16	05082310	132,994
F	3	06	08	G 2	G 2	2,20	IE3	4,3	30	21,7	25	55	IP54	16	05082313	147,253
F	3	06	09	G 2	G 2	2,20	IE3	4,3	30	21,7	25	55	IP54	16	05082316	148,714
F	3	06	10	G 2	G 2	2,20	IE3	4,3	30	21,7	25	55	IP54	16	05082319	150,712
F	3	06	11	G 2	G 2	3,00	IE3	5,8	30	25,7	40	57	IP54	16	05082322	173,412
F	3	06	12	G 2	G 2	3,00	IE3	5,8	30	25,7	40	57	IP54	16	05082324	174,891
F	3	10	01	G 2	G 2	0,75	IE3	1,8	180	10,5	25	55	IP54	16	05082330	139,734
F	3	10	02	G 2	G 2	0,75	IE3	1,8	180	10,5	25	55	IP54	16	05082333	140,505
F	3	10	03	G 2	G 2	1,10	IE3	2,3	180	10,5	25	55	IP54	16	05082336	150,588
F	3	10	04	G 2	G 2	1,50	IE3	3	50	16,1	25	55	IP54	16	05082339	167,679
F	3	10	05	G 2	G 2	2,20	IE3	4,3	30	21,7	25	55	IP54	16	05082342	183,183
F	3	10	06	G 2	G 2	2,20	IE3	4,3	30	21,7	25	55	IP54	16	05082345	186,381
F	3	10	07	G 2	G 2	3,00	IE3	5,8	30	25,7	40	57	IP54	16	05082348	210,551
F	3	10	08	G 2	G 2	3,00	IE3	5,8	30	25,7	40	57	IP54	16	05082350	213,35
F	3	10	09	G 2	G 2	4,00	IE3	7,4	30	32,5	40	58	IP54	16	05082352	245,165
F	3	10	10	G 2	G 2	4,00	IE3	7,4	30	32,5	40	58	IP54	16	05082354	251,598
F	3	15	01	DN 65	DN 65	1,10	IE3	2,3	180	10,5	25	55	IP54	16	48245759	165,074
F	3	15	02	DN 65	DN 65	2,20	IE3	4,3	30	21,7	25	55	IP54	16	48245762	196,058
F	3	15	03	DN 65	DN 65	3,00	IE3	5,8	30	25,7	40	57	IP54	16	48245765	222,013
F	3	15	04	DN 65	DN 65	4,00	IE3	7,4	30	32,5	40	58	IP54	16	48245767	253,48
F	4	02	02	G 1 1/2	G 1 1/2	0,37	IE-	0,95	50	5	25	60	IP54	16	05082373	116,382
F	4	02	03	G 1 1/2	G 1 1/2	0,37	IE-	0,95	50	5	25	60	IP54	16	05082375	118,162
F	4	02	04	G 1 1/2	G 1 1/2	0,37	IE-	0,95	50	5	25	60	IP54	16	05082377	120,026
F	4	02	05	G 1 1/2	G 1 1/2	0,37	IE-	0,95	50	5	25	60	IP54	16	05082379	121,878
F	4	02	06	G 1 1/2	G 1 1/2	0,55	IE-	1,2	50	7,7	25	60	IP54	16	05082381	129,706
F	4	02	07	G 1 1/2	G 1 1/2	0,55	IE-	1,2	50	7,7	25	60	IP54	16	05082383	131,474
F	4	02	08	G 1 1/2	G 1 1/2	0,55	IE-	1,2	50	7,7	25	60	IP54	16	05082385	133,818
F	4	02	09	G 1 1/2	G 1 1/2	0,75	IE3	1,8	180	11,8	25	55	IP54	16	05082387	145,274
F	4	02	10	G 1 1/2	G 1 1/2	0,75	IE3	1,8	180	11,8	25	55	IP54	16	05082389	147,186
F	4	02	11	G 1 1/2	G 1 1/2	1,10	IE3	2,3	180	11,8	25	55	IP54	16	05082391	158,254
F	4	02	12	G 1 1/2	G 1 1/2	1,10	IE3	2,3	180	11,8	25	55	IP54	16	05082393	160,138
F	4	02	14	G 1 1/2	G 1 1/2	1,10	IE3	2,3	180	11,8	25	55	IP54	16	05082395	164,318
F	4	04	02	G 1 1/2	G 1 1/2	0,37	IE-	0,95	50	5	25	60	IP54	16	05082403	116,062
F	4	04	03	G 1 1/2	G 1 1/2	0,55	IE-	1,2	50	7,7	25	60	IP54	16	05082405	123,646
F	4	04	04	G 1 1/2	G 1 1/2	0,55	IE-	1,2	50	7,7	25	60	IP54	16	05082407	125,354
F	4	04	05	G 1 1/2	G 1 1/2	0,75	IE3	1,8	180	11,8	25	55	IP54	16	05082409	136,554
F	4	04	06	G 1 1/2	G 1 1/2	1,10	IE3	2,3	180	11,8	25	55	IP54	16	05082411	147,466
F	4	04	07	G 1 1/2	G 1 1/2	1,10	IE3	2,3	180	11,8	25	55	IP54	16	05082413	149,558
F	4	04	08	G 1 1/2	G 1 1/2	1,50	IE3	3	50	18,1	25	55	IP54	16	05082415	170,33
F	4	04	09	G 1 1/2	G 1 1/2	1,50	IE3	3	50	18,1	25	55	IP54	16	05082417	172,126
F	4	04	10	G 1 1/2	G 1 1/2	1,50	IE3	3	50	18,1	25	55	IP54	16	05082419	173,882
F	4	04	11	G 1 1/2	G 1 1/2	2,20	IE3	4,3	30	24,4	25	55	IP54	16	05082421	193,291
F	4	04	12	G 1 1/2	G 1 1/2	2,20	IE3	4,3	30	24,4	25	55	IP54	16	05082423	195,019
F	4	06	02	G 2	G 2	0,37	IE-	0,95	50	5	25	60	IP54	16	05082429	118,658
F	4	06	03	G 2	G 2	0,75	IE3	1,8	180	11,8	25	55	IP54	16	05082431	135,998
F	4	06	04	G 2	G 2	1,10	IE3	2,3	180	11,8	25	55	IP54	16	05082433	147,166
F	4	06	05	G 2	G 2	1,10	IE3	2,3	180	11,8	25	55	IP54	16	05082435	149,13
F	4	06	06	G 2	G 2	1,50	IE3	3	50	18,1	25	55	IP54	16	05082437	170,546

DeltaPrimo	Number of pumps	Movitec	Number of stages	DN1	DN2	P <sub>N</sub>	Efficiency class	I <sub>N</sub>	Frequency of starts	I <sub>min</sub> Overcurrent protection	I <sub>max</sub> Overcurrent protection	Sound pressure level	Enclosure	PN	Mat. No.	[kg]
						[kW]		[A]		[x/h]	[A]					
F	4	06	07	G 2	G 2	1,50	IE3	3	50	18,1	25	55	IP54	16	05082439	172,598
F	4	06	08	G 2	G 2	2,20	IE3	4,3	30	24,4	25	55	IP54	16	05082441	191,787
F	4	06	09	G 2	G 2	2,20	IE3	4,3	30	24,4	25	55	IP54	16	05082443	193,735
F	4	06	10	G 2	G 2	2,20	IE3	4,3	30	24,4	25	55	IP54	16	05082445	196,239
F	4	06	11	G 2	G 2	3,00	IE3	5,8	30	28,9	40	57	IP54	16	05082447	225,687
F	4	06	12	G 2	G 2	3,00	IE3	5,8	30	28,9	40	57	IP54	16	05082449	227,659
F	4	10	01	DN 65	DN 65	0,75	IE3	1,8	180	11,8	25	55	IP54	16	05082455	184,958
F	4	10	02	DN 65	DN 65	0,75	IE3	1,8	180	11,8	25	55	IP54	16	05082457	185,986
F	4	10	03	DN 65	DN 65	1,10	IE3	2,3	180	11,8	25	55	IP54	16	05082459	199,27
F	4	10	04	DN 65	DN 65	1,50	IE3	3	50	18,1	25	55	IP54	16	05082461	222,058
F	4	10	05	DN 65	DN 65	2,20	IE3	4,3	30	24,4	25	55	IP54	16	05082463	242,907
F	4	10	06	DN 65	DN 65	2,20	IE3	4,3	30	24,4	25	55	IP54	16	05082465	247,011
F	4	10	07	DN 65	DN 65	3,00	IE3	5,8	30	28,9	40	57	IP54	16	05082467	278,419
F	4	10	08	DN 65	DN 65	3,00	IE3	5,8	30	28,9	40	57	IP54	16	05082469	282,151
F	4	10	09	DN 65	DN 65	4,00	IE3	7,4	30	36,5	40	58	IP54	16	05082471	324,571
F	4	10	10	DN 65	DN 65	4,00	IE3	7,4	30	36,5	40	58	IP54	16	05082473	331,965
F	4	15	01	DN 100	DN 100	1,10	IE3	2,3	180	11,8	25	55	IP54	16	48245772	217,878
F	4	15	02	DN 100	DN 100	2,20	IE3	4,3	30	24,4	25	55	IP54	16	48245774	259,207
F	4	15	03	DN 100	DN 100	3,00	IE3	5,8	30	28,9	40	57	IP54	16	48245776	292,995
F	4	15	04	DN 100	DN 100	4,00	IE3	7,4	30	36,5	40	58	IP54	16	48245778	334,791

**DeltaPrimo F, inlet condition F**


**Fig. 3:** Inlet conditions, version F (flooded) = indirect connection (pressure booster system with break tank arranged on same level as pump)

Note: Break tank and float switch not included in standard scope of supply. Available as accessory.

F = fixed speed pressure booster system

3 × 400 V ± 10 %

**Table 7:** 50 Hz

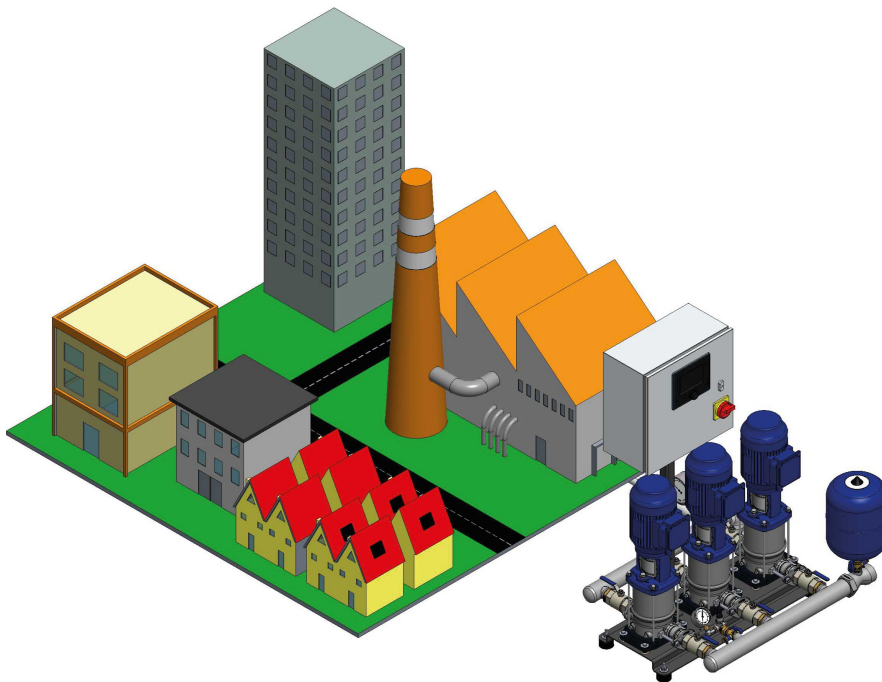
DeltaPrimo	Number of pumps	Movitec	Number of stages	DN1	DN2	P <sub>N</sub> [kW]	Efficiency class	I <sub>N</sub> [A]	Frequency of starts [x/h]	I <sub>min</sub> Overcurrent protection [A]	I <sub>max</sub> Overcurrent protection [A]	Sound pressure level [dB(A)]	Enclosure	PN	Mat. No.	[kg]
F	2	02	02	G 1 1/2	DN 40	0,37	IE-	0,95	50	4	25	60	IP54	16	05166929	67,263
F	2	02	03	G 1 1/2	DN 40	0,37	IE-	0,95	50	4	25	60	IP54	16	05166932	68,153
F	2	02	04	G 1 1/2	DN 40	0,37	IE-	0,95	50	4	25	60	IP54	16	05166935	69,085
F	2	02	05	G 1 1/2	DN 40	0,37	IE-	0,95	50	4	25	60	IP54	16	05166938	70,011
F	2	02	06	G 1 1/2	DN 40	0,55	IE-	1,2	50	6,1	25	60	IP54	16	05166941	73,925
F	2	02	07	G 1 1/2	DN 40	0,55	IE-	1,2	50	6,1	25	60	IP54	16	05166944	74,809
F	2	02	08	G 1 1/2	DN 40	0,55	IE-	1,2	50	6,1	25	60	IP54	16	05166947	76,221
F	2	02	09	G 1 1/2	DN 40	0,75	IE3	1,8	180	9,3	25	55	IP54	16	05166950	81,949
F	2	02	10	G 1 1/2	DN 40	0,75	IE3	1,8	180	9,3	25	55	IP54	16	05166953	82,905
F	2	02	11	G 1 1/2	DN 40	1,10	IE3	2,3	180	9,3	25	55	IP54	16	05166956	88,439
F	2	02	12	G 1 1/2	DN 40	1,10	IE3	2,3	180	9,3	25	55	IP54	16	05166959	89,381
F	2	02	14	G 1 1/2	DN 40	1,10	IE3	2,3	180	9,3	25	55	IP54	16	05166962	91,711
F	2	02	16	G 1 1/2	DN 40	1,50	IE3	3	50	14,2	25	55	IP54	16	05166965	103,127
F	2	02	18	G 1 1/2	DN 40	1,50	IE3	3	50	14,2	25	55	IP54	16	05166968	104,985
F	2	04	02	G 1 1/2	DN 40	0,37	IE-	0,95	50	4	25	60	IP54	16	05166973	67,103
F	2	04	03	G 1 1/2	DN 40	0,55	IE-	1,2	50	6,1	25	60	IP54	16	05166976	70,895
F	2	04	04	G 1 1/2	DN 40	0,55	IE-	1,2	50	6,1	25	60	IP54	16	05166979	71,749
F	2	04	05	G 1 1/2	DN 40	0,75	IE3	1,8	180	9,3	25	55	IP54	16	05166982	77,349
F	2	04	06	G 1 1/2	DN 40	1,10	IE3	2,3	180	9,3	25	55	IP54	16	05166985	82,805
F	2	04	07	G 1 1/2	DN 40	1,10	IE3	2,3	180	9,3	25	55	IP54	16	05166988	84,091
F	2	04	08	G 1 1/2	DN 40	1,50	IE3	3	50	14,2	25	55	IP54	16	05166991	94,477
F	2	04	09	G 1 1/2	DN 40	1,50	IE3	3	50	14,2	25	55	IP54	16	05166994	95,375
F	2	04	10	G 1 1/2	DN 40	1,50	IE3	3	50	14,2	25	55	IP54	16	05166997	96,253
F	2	04	11	G 1 1/2	DN 40	2,20	IE3	4,3	30	19,1	25	55	IP54	16	05167000	106,109
F	2	04	12	G 1 1/2	DN 40	2,20	IE3	4,3	30	19,1	25	55	IP54	16	05167003	106,973

DeltaPrimo	Number of pumps	Movitec	Number of stages	DN1	DN2	P <sub>N</sub> [kW]	Efficiency class	I <sub>N</sub> [A]	Frequency of starts [x/h]	I <sub>min</sub> Overcurrent protection [A]	I <sub>max</sub> Overcurrent protection [A]	Sound pressure level [dB(A)]	Enclosure	PN	Mat. No.	[kg]
F	2	04	14	G 1 1/2	DN 40	2,20	IE3	4,3	30	19,1	25	55	IP54	16	05167006	108,667
F	2	04	16	G 1 1/2	DN 40	3,00	IE3	5,8	30	22,6	25	57	IP54	16	05167009	142,339
F	2	06	02	G 1 1/2	DN 40	0,37	IE-	0,95	50	4	25	60	IP54	16	05167011	67,211
F	2	06	03	G 1 1/2	DN 40	0,75	IE3	1,8	180	9,3	25	55	IP54	16	05167014	75,881
F	2	06	04	G 1 1/2	DN 40	1,10	IE3	2,3	180	9,3	25	55	IP54	16	05167017	81,465
F	2	06	05	G 1 1/2	DN 40	1,10	IE3	2,3	180	9,3	25	55	IP54	16	05167020	82,447
F	2	06	06	G 1 1/2	DN 40	1,50	IE3	3	50	14,2	25	55	IP54	16	05167023	93,395
F	2	06	07	G 1 1/2	DN 40	1,50	IE3	3	50	14,2	25	55	IP54	16	05167026	94,421
F	2	06	08	G 1 1/2	DN 40	2,20	IE3	4,3	30	19,1	25	55	IP54	16	05167029	103,927
F	2	06	09	G 1 1/2	DN 40	2,20	IE3	4,3	30	19,1	25	55	IP54	16	05167032	104,901
F	2	06	10	G 1 1/2	DN 40	2,20	IE3	4,3	30	19,1	25	55	IP54	16	05167035	106,393
F	2	06	11	G 1 1/2	DN 40	3,00	IE3	5,8	30	22,6	25	57	IP54	16	05167038	121,117
F	2	06	12	G 1 1/2	DN 40	3,00	IE3	5,8	30	22,6	25	57	IP54	16	05167040	122,103
F	2	06	14	G 1 1/2	DN 40	3,00	IE3	5,8	30	22,6	25	57	IP54	16	05167042	124,067
F	2	10	01	G 2	DN 50	0,75	IE3	1,8	180	9,3	25	55	IP54	16	05167046	99,791
F	2	10	02	G 2	DN 50	0,75	IE3	1,8	180	9,3	25	55	IP54	16	05167049	100,305
F	2	10	03	G 2	DN 50	1,10	IE3	2,3	180	9,3	25	55	IP54	16	05167052	107,187
F	2	10	04	G 2	DN 50	1,50	IE3	3	50	14,2	25	55	IP54	16	05167055	118,581
F	2	10	05	G 2	DN 50	2,20	IE3	4,3	30	19,1	25	55	IP54	16	05167058	128,917
F	2	10	06	G 2	DN 50	2,20	IE3	4,3	30	19,1	25	55	IP54	16	05167061	131,209
F	2	10	07	G 2	DN 50	3,00	IE3	5,8	30	22,6	25	57	IP54	16	05167064	146,913
F	2	10	08	G 2	DN 50	3,00	IE3	5,8	30	22,6	25	57	IP54	16	05167066	148,779
F	2	10	09	G 2	DN 50	4,00	IE3	7,4	30	28,5	40	58	IP54	16	05167068	170,416
F	2	10	10	G 2	DN 50	4,00	IE3	7,4	30	28,5	40	58	IP54	16	05167070	175,888
F	2	10	11	G 2	DN 50	4,00	IE3	7,4	30	28,5	40	58	IP54	16	05167072	177,806
F	2	15	01	DN 65	DN 65	1,10	IE3	2,3	180	9,3	25	55	IP54	16	05168439	117,311
F	2	15	02	DN 65	DN 65	2,20	IE3	4,3	30	19,1	25	55	IP54	16	05168442	138,127
F	2	15	03	DN 65	DN 65	3,00	IE3	5,8	30	22,6	25	57	IP54	16	05168445	155,021
F	2	15	04	DN 65	DN 65	4,00	IE3	7,4	30	28,5	40	58	IP54	16	05168447	176,586
F	3	02	02	G 1 1/2	DN 40	0,37	IE-	0,95	50	4,5	25	60	IP54	16	05167075	89,902
F	3	02	03	G 1 1/2	DN 40	0,37	IE-	0,95	50	4,5	25	60	IP54	16	05167078	91,237
F	3	02	04	G 1 1/2	DN 40	0,37	IE-	0,95	50	4,5	25	60	IP54	16	05167081	92,635
F	3	02	05	G 1 1/2	DN 40	0,37	IE-	0,95	50	4,5	25	60	IP54	16	05167084	94,024
F	3	02	06	G 1 1/2	DN 40	0,55	IE-	1,2	50	6,9	25	60	IP54	16	05167087	99,895
F	3	02	07	G 1 1/2	DN 40	0,55	IE-	1,2	50	6,9	25	60	IP54	16	05167090	101,221
F	3	02	08	G 1 1/2	DN 40	0,55	IE-	1,2	50	6,9	25	60	IP54	16	05167093	103,099
F	3	02	09	G 1 1/2	DN 40	0,75	IE3	1,8	180	10,5	25	55	IP54	16	05167096	111,691
F	3	02	10	G 1 1/2	DN 40	0,75	IE3	1,8	180	10,5	25	55	IP54	16	05167099	113,125
F	3	02	11	G 1 1/2	DN 40	1,10	IE3	2,3	180	10,5	25	55	IP54	16	05167102	121,426
F	3	02	12	G 1 1/2	DN 40	1,10	IE3	2,3	180	10,5	25	55	IP54	16	05167105	122,839
F	3	02	14	G 1 1/2	DN 40	1,10	IE3	2,3	180	10,5	25	55	IP54	16	05167108	126,094
F	3	02	16	G 1 1/2	DN 40	1,50	IE3	3	50	16,1	25	55	IP54	16	05167111	143,218
F	3	02	18	G 1 1/2	DN 40	1,50	IE3	3	50	16,1	25	55	IP54	16	05167114	146,005
F	3	04	02	G 1 1/2	DN 40	0,37	IE-	0,95	50	4,5	25	60	IP54	16	05167119	89,662
F	3	04	03	G 1 1/2	DN 40	0,55	IE-	1,2	50	6,9	25	60	IP54	16	05167122	95,35
F	3	04	04	G 1 1/2	DN 40	0,55	IE-	1,2	50	6,9	25	60	IP54	16	05167125	96,631
F	3	04	05	G 1 1/2	DN 40	0,75	IE3	1,8	180	10,5	25	55	IP54	16	05167128	105,031
F	3	04	06	G 1 1/2	DN 40	1,10	IE3	2,3	180	10,5	25	55	IP54	16	05167131	113,215
F	3	04	07	G 1 1/2	DN 40	1,10	IE3	2,3	180	10,5	25	55	IP54	16	05167134	114,904
F	3	04	08	G 1 1/2	DN 40	1,50	IE3	3	50	16,1	25	55	IP54	16	05167137	130,483
F	3	04	09	G 1 1/2	DN 40	1,50	IE3	3	50	16,1	25	55	IP54	16	05167140	131,83
F	3	04	10	G 1 1/2	DN 40	1,50	IE3	3	50	16,1	25	55	IP54	16	05167143	133,147

DeltaPrimo	Number of pumps	Movitec	Number of stages	DN1	DN2	P <sub>N</sub> [kW]	Efficiency class	I <sub>N</sub> [A]	Frequency of starts [x/h]	I <sub>min</sub> Overcurrent protection [A]	I <sub>max</sub> Overcurrent protection [A]	Sound pressure level [dB(A)]	Enclosure	PN	Mat. No.	[kg]
F	3	04	11	G 1 1/2	DN 40	2,20	IE3	4,3	30	21,7	25	55	IP54	16	05167146	147,691
F	3	04	12	G 1 1/2	DN 40	2,20	IE3	4,3	30	21,7	25	55	IP54	16	05167149	148,987
F	3	04	14	G 1 1/2	DN 40	2,20	IE3	4,3	30	21,7	25	55	IP54	16	05167152	151,528
F	3	04	16	G 1 1/2	DN 40	3,00	IE3	5,8	30	25,7	40	57	IP54	16	05167155	202,65
F	3	06	02	G 2	DN 50	0,37	IE-	0,95	50	4,5	25	60	IP54	16	05167157	91,634
F	3	06	03	G 2	DN 50	0,75	IE3	1,8	180	10,5	25	55	IP54	16	05167160	104,639
F	3	06	04	G 2	DN 50	1,10	IE3	2,3	180	10,5	25	55	IP54	16	05167163	113,015
F	3	06	05	G 2	DN 50	1,10	IE3	2,3	180	10,5	25	55	IP54	16	05167166	114,488
F	3	06	06	G 2	DN 50	1,50	IE3	3	50	16,1	25	55	IP54	16	05167169	130,67
F	3	06	07	G 2	DN 50	1,50	IE3	3	50	16,1	25	55	IP54	16	05167172	132,209
F	3	06	08	G 2	DN 50	2,20	IE3	4,3	30	21,7	25	55	IP54	16	05167175	146,468
F	3	06	09	G 2	DN 50	2,20	IE3	4,3	30	21,7	25	55	IP54	16	05167178	147,929
F	3	06	10	G 2	DN 50	2,20	IE3	4,3	30	21,7	25	55	IP54	16	05167181	149,927
F	3	06	11	G 2	DN 50	3,00	IE3	5,8	30	25,7	40	57	IP54	16	05167184	172,627
F	3	06	12	G 2	DN 50	3,00	IE3	5,8	30	25,7	40	57	IP54	16	05167186	174,106
F	3	06	14	G 2	DN 50	3,00	IE3	5,8	30	25,7	40	57	IP54	16	05167188	177,052
F	3	10	01	G 2	DN 50	0,75	IE3	1,8	180	10,5	25	55	IP54	16	05167192	138,949
F	3	10	02	G 2	DN 50	0,75	IE3	1,8	180	10,5	25	55	IP54	16	05167195	139,72
F	3	10	03	G 2	DN 50	1,10	IE3	2,3	180	10,5	25	55	IP54	16	05167198	149,803
F	3	10	04	G 2	DN 50	1,50	IE3	3	50	16,1	25	55	IP54	16	05167201	166,894
F	3	10	05	G 2	DN 50	2,20	IE3	4,3	30	21,7	25	55	IP54	16	05167204	182,398
F	3	10	06	G 2	DN 50	2,20	IE3	4,3	30	21,7	25	55	IP54	16	05167207	185,596
F	3	10	07	G 2	DN 50	3,00	IE3	5,8	30	25,7	40	57	IP54	16	05167210	209,766
F	3	10	08	G 2	DN 50	3,00	IE3	5,8	30	25,7	40	57	IP54	16	05167212	212,565
F	3	10	09	G 2	DN 50	4,00	IE3	7,4	30	32,5	40	58	IP54	16	05167214	244,38
F	3	10	10	G 2	DN 50	4,00	IE3	7,4	30	32,5	40	58	IP54	16	05167216	250,813
F	3	10	11	G 2	DN 50	4,00	IE3	7,4	30	32,5	40	58	IP54	16	05167218	253,69
F	3	15	01	DN 65	DN 65	1,10	IE3	2,3	180	10,5	25	55	IP54	16	05168452	164,289
F	3	15	02	DN 65	DN 65	2,20	IE3	4,3	30	21,7	25	55	IP54	16	05168455	195,273
F	3	15	03	DN 65	DN 65	3,00	IE3	5,8	30	25,7	40	57	IP54	16	05168458	221,228
F	3	15	04	DN 65	DN 65	4,00	IE3	7,4	30	32,5	40	58	IP54	16	05168460	252,695
F	4	02	02	G 1 1/2	DN 40	0,37	IE-	0,95	50	5	25	60	IP54	16	05167221	115,597
F	4	02	03	G 1 1/2	DN 40	0,37	IE-	0,95	50	5	25	60	IP54	16	05167223	117,377
F	4	02	04	G 1 1/2	DN 40	0,37	IE-	0,95	50	5	25	60	IP54	16	05167225	119,241
F	4	02	05	G 1 1/2	DN 40	0,37	IE-	0,95	50	5	25	60	IP54	16	05167227	121,093
F	4	02	06	G 1 1/2	DN 40	0,55	IE-	1,2	50	7,7	25	60	IP54	16	05167229	128,921
F	4	02	07	G 1 1/2	DN 40	0,55	IE-	1,2	50	7,7	25	60	IP54	16	05167231	130,689
F	4	02	08	G 1 1/2	DN 40	0,55	IE-	1,2	50	7,7	25	60	IP54	16	05167233	133,033
F	4	02	09	G 1 1/2	DN 40	0,75	IE3	1,8	180	11,8	25	55	IP54	16	05167235	144,489
F	4	02	10	G 1 1/2	DN 40	0,75	IE3	1,8	180	11,8	25	55	IP54	16	05167237	146,401
F	4	02	11	G 1 1/2	DN 40	1,10	IE3	2,3	180	11,8	25	55	IP54	16	05167239	157,469
F	4	02	12	G 1 1/2	DN 40	1,10	IE3	2,3	180	11,8	25	55	IP54	16	05167241	159,353
F	4	02	14	G 1 1/2	DN 40	1,10	IE3	2,3	180	11,8	25	55	IP54	16	05167243	163,533
F	4	02	16	G 1 1/2	DN 40	1,50	IE3	3	50	18,1	25	55	IP54	16	05167245	186,365
F	4	02	18	G 1 1/2	DN 40	1,50	IE3	3	50	18,1	25	55	IP54	16	05167247	190,081
F	4	04	02	G 1 1/2	DN 40	0,37	IE-	0,95	50	5	25	60	IP54	16	05167251	115,277
F	4	04	03	G 1 1/2	DN 40	0,55	IE-	1,2	50	7,7	25	60	IP54	16	05167253	122,861
F	4	04	04	G 1 1/2	DN 40	0,55	IE-	1,2	50	7,7	25	60	IP54	16	05167255	124,569
F	4	04	05	G 1 1/2	DN 40	0,75	IE3	1,8	180	11,8	25	55	IP54	16	05167257	135,769
F	4	04	06	G 1 1/2	DN 40	1,10	IE3	2,3	180	11,8	25	55	IP54	16	05167259	146,681
F	4	04	07	G 1 1/2	DN 40	1,10	IE3	2,3	180	11,8	25	55	IP54	16	05167261	148,773
F	4	04	08	G 1 1/2	DN 40	1,50	IE3	3	50	18,1	25	55	IP54	16	05167263	169,545

DeltaPrimo	Number of pumps	Movitec	Number of stages	DN1	DN2	P <sub>N</sub> [kW]	Efficiency class	I <sub>N</sub> [A]	Frequency of starts [x/h]	I <sub>min</sub> Overcurrent protection [A]	I <sub>max</sub> Overcurrent protection [A]	Sound pressure level [dB(A)]	Enclosure	PN	Mat. No.	[kg]
F	4	04	09	G 1 1/2	DN 40	1,50	IE3	3	50	18,1	25	55	IP54	16	05167265	171,341
F	4	04	10	G 1 1/2	DN 40	1,50	IE3	3	50	18,1	25	55	IP54	16	05167267	173,097
F	4	04	11	G 1 1/2	DN 40	2,20	IE3	4,3	30	24,4	25	55	IP54	16	05167269	192,506
F	4	04	12	G 1 1/2	DN 40	2,20	IE3	4,3	30	24,4	25	55	IP54	16	05167271	194,234
F	4	04	14	G 1 1/2	DN 40	2,20	IE3	4,3	30	24,4	25	55	IP54	16	05167273	197,622
F	4	04	16	G 1 1/2	DN 40	3,00	IE3	5,8	30	28,9	40	57	IP54	16	05167275	264,966
F	4	06	02	G 2	DN 50	0,37	IE-	0,95	50	5	25	60	IP54	16	05167277	117,873
F	4	06	03	G 2	DN 50	0,75	IE3	1,8	180	11,8	25	55	IP54	16	05167279	135,213
F	4	06	04	G 2	DN 50	1,10	IE3	2,3	180	11,8	25	55	IP54	16	05167281	146,381
F	4	06	05	G 2	DN 50	1,10	IE3	2,3	180	11,8	25	55	IP54	16	05167283	148,345
F	4	06	06	G 2	DN 50	1,50	IE3	3	50	18,1	25	55	IP54	16	05167285	169,761
F	4	06	07	G 2	DN 50	1,50	IE3	3	50	18,1	25	55	IP54	16	05167287	171,813
F	4	06	08	G 2	DN 50	2,20	IE3	4,3	30	24,4	25	55	IP54	16	05167289	191,002
F	4	06	09	G 2	DN 50	2,20	IE3	4,3	30	24,4	25	55	IP54	16	05167291	192,95
F	4	06	10	G 2	DN 50	2,20	IE3	4,3	30	24,4	25	55	IP54	16	05167293	195,454
F	4	06	11	G 2	DN 50	3,00	IE3	5,8	30	28,9	40	57	IP54	16	05167295	224,902
F	4	06	12	G 2	DN 50	3,00	IE3	5,8	30	28,9	40	57	IP54	16	05167297	226,874
F	4	06	14	G 2	DN 50	3,00	IE3	5,8	30	28,9	40	57	IP54	16	05167299	230,802
F	4	10	01	DN 65	DN 65	0,75	IE3	1,8	180	11,8	25	55	IP54	16	05167303	184,173
F	4	10	02	DN 65	DN 65	0,75	IE3	1,8	180	11,8	25	55	IP54	16	05167305	185,201
F	4	10	03	DN 65	DN 65	1,10	IE3	2,3	180	11,8	25	55	IP54	16	05167307	198,485
F	4	10	04	DN 65	DN 65	1,50	IE3	3	50	18,1	25	55	IP54	16	05167309	221,273
F	4	10	05	DN 65	DN 65	2,20	IE3	4,3	30	24,4	25	55	IP54	16	05167311	242,122
F	4	10	06	DN 65	DN 65	2,20	IE3	4,3	30	24,4	25	55	IP54	16	05167313	246,226
F	4	10	07	DN 65	DN 65	3,00	IE3	5,8	30	28,9	40	57	IP54	16	05167315	277,634
F	4	10	08	DN 65	DN 65	3,00	IE3	5,8	30	28,9	40	57	IP54	16	05167317	281,366
F	4	10	09	DN 65	DN 65	4,00	IE3	7,4	30	36,5	40	58	IP54	16	05167319	323,786
F	4	10	10	DN 65	DN 65	4,00	IE3	7,4	30	36,5	40	58	IP54	16	05167321	331,18
F	4	10	11	DN 65	DN 65	4,00	IE3	7,4	30	36,5	40	58	IP54	16	05167323	335,016
F	4	15	01	DN 100	DN 100	1,10	IE3	2,3	180	11,8	25	55	IP54	16	05168465	217,093
F	4	15	02	DN 100	DN 100	2,20	IE3	4,3	30	24,4	25	55	IP54	16	05168467	258,422
F	4	15	03	DN 100	DN 100	3,00	IE3	5,8	30	28,9	40	57	IP54	16	05168469	292,21
F	4	15	04	DN 100	DN 100	4,00	IE3	7,4	30	36,5	40	58	IP54	16	05168471	334,006



**DeltaPrimo VC, inlet condition M**


**Fig. 4:** Inlet conditions, version M (mains) = direct connection (inlet side of pressure booster system connected to the municipal water supply)

VC = pressure booster system with cabinet-mounted variable speed system

3 × 400 V ± 10 %

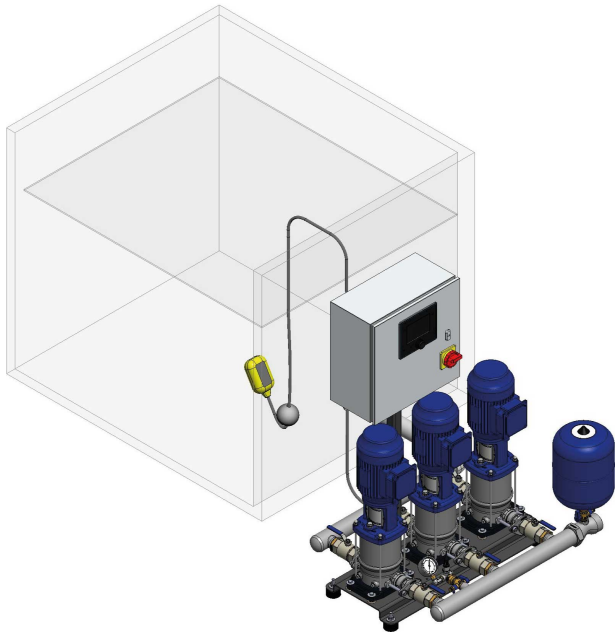
Dry running protection = pressure sensor

**Table 8:** 50 Hz

DeltaPrimo	Number of pumps	Movitec	Number of stages	DN1	DN2	P <sub>N</sub> [kW]	Efficiency class	I <sub>N</sub> [A]	Frequency of starts [x/h]	I <sub>min</sub> Overcurrent protection [A]	I <sub>max</sub> Overcurrent protection [A]	Sound pressure level [dB(A)]	Enclosure	PN	Mat. No.	[kg]
VC	2	02	02	G 1 1/2	G 1 1/2	0,37	IE-	0,95	50	3,4	25	60	IP54	16	05082035	84,615
VC	2	02	03	G 1 1/2	G 1 1/2	0,37	IE-	0,95	50	3,4	25	60	IP54	16	05082038	85,505
VC	2	02	04	G 1 1/2	G 1 1/2	0,37	IE-	0,95	50	3,4	25	60	IP54	16	05082061	86,437
VC	2	02	05	G 1 1/2	G 1 1/2	0,37	IE-	0,95	50	3,4	25	60	IP54	16	05082064	87,363
VC	2	02	06	G 1 1/2	G 1 1/2	0,55	IE-	1,2	50	4,2	25	60	IP54	16	05082067	91,277
VC	2	02	07	G 1 1/2	G 1 1/2	0,55	IE-	1,2	50	4,2	25	60	IP54	16	05082070	92,161
VC	2	02	08	G 1 1/2	G 1 1/2	0,55	IE-	1,2	50	4,2	25	60	IP54	16	05082073	93,573
VC	2	02	09	G 1 1/2	G 1 1/2	0,75	IE3	1,8	180	5,2	25	55	IP54	16	05082076	99,301
VC	2	02	10	G 1 1/2	G 1 1/2	0,75	IE3	1,8	180	5,2	25	55	IP54	16	05082079	100,257
VC	2	02	11	G 1 1/2	G 1 1/2	1,10	IE3	2,3	180	6,2	25	55	IP54	16	05082082	105,871
VC	2	02	12	G 1 1/2	G 1 1/2	1,10	IE3	2,3	180	6,2	25	55	IP54	16	05082085	106,813
VC	2	02	14	G 1 1/2	G 1 1/2	1,10	IE3	2,3	180	6,2	25	55	IP54	16	05082088	109,143
VC	2	04	02	G 1 1/2	G 1 1/2	0,37	IE-	0,95	50	3,4	25	60	IP54	16	05082099	84,455
VC	2	04	03	G 1 1/2	G 1 1/2	0,55	IE-	1,2	50	4,2	25	60	IP54	16	05082102	88,247
VC	2	04	04	G 1 1/2	G 1 1/2	0,55	IE-	1,2	50	4,2	25	60	IP54	16	05082105	89,101
VC	2	04	05	G 1 1/2	G 1 1/2	0,75	IE3	1,8	180	5,2	25	55	IP54	16	05082108	94,701
VC	2	04	06	G 1 1/2	G 1 1/2	1,10	IE3	2,3	180	6,2	25	55	IP54	16	05082111	100,237
VC	2	04	07	G 1 1/2	G 1 1/2	1,10	IE3	2,3	180	6,2	25	55	IP54	16	05082114	101,523
VC	2	04	08	G 1 1/2	G 1 1/2	1,50	IE3	3	50	8	25	55	IP54	16	05082117	111,829
VC	2	04	09	G 1 1/2	G 1 1/2	1,50	IE3	3	50	8	25	55	IP54	16	05082120	112,727
VC	2	04	10	G 1 1/2	G 1 1/2	1,50	IE3	3	50	8	25	55	IP54	16	05082123	113,605
VC	2	04	11	G 1 1/2	G 1 1/2	2,20	IE3	4,3	30	10,4	25	55	IP54	16	05082126	124,249
VC	2	04	12	G 1 1/2	G 1 1/2	2,20	IE3	4,3	30	10,4	25	55	IP54	16	05082129	125,113

DeltaPrimo	Number of pumps	Movitec	Number of stages	DN1	DN2	P <sub>N</sub> [kW]	Efficiency class	I <sub>N</sub> [A]	Frequency of starts [x/h]	I <sub>min</sub> Overcurrent protection [A]	I <sub>max</sub> Overcurrent protection [A]	Sound pressure level [dB(A)]	Enclosure	PN	Mat. No.	[kg]
VC	2	06	02	G 1 1/2	G 1 1/2	0,37	IE-	0,95	50	3,4	25	60	IP54	16	05082137	84,563
VC	2	06	03	G 1 1/2	G 1 1/2	0,75	IE3	1,8	180	5,2	25	55	IP54	16	05082140	93,233
VC	2	06	04	G 1 1/2	G 1 1/2	1,10	IE3	2,3	180	6,2	25	55	IP54	16	05082143	98,897
VC	2	06	05	G 1 1/2	G 1 1/2	1,10	IE3	2,3	180	6,2	25	55	IP54	16	05082146	99,879
VC	2	06	06	G 1 1/2	G 1 1/2	1,50	IE3	3	50	8	25	55	IP54	16	05082149	110,747
VC	2	06	07	G 1 1/2	G 1 1/2	1,50	IE3	3	50	8	25	55	IP54	16	05082152	111,773
VC	2	06	08	G 1 1/2	G 1 1/2	2,20	IE3	4,3	30	10,4	25	55	IP54	16	05082155	122,067
VC	2	06	09	G 1 1/2	G 1 1/2	2,20	IE3	4,3	30	10,4	25	55	IP54	16	05082158	123,041
VC	2	06	10	G 1 1/2	G 1 1/2	2,20	IE3	4,3	30	10,4	25	55	IP54	16	05082161	124,533
VC	2	10	01	G 2	G 2	0,75	IE3	1,8	180	5,2	25	55	IP54	16	05082172	117,143
VC	2	10	02	G 2	G 2	0,75	IE3	1,8	180	5,2	25	55	IP54	16	05082175	117,657
VC	2	10	03	G 2	G 2	1,10	IE3	2,3	180	6,2	25	55	IP54	16	05082178	124,619
VC	2	10	04	G 2	G 2	1,50	IE3	3	50	8	25	55	IP54	16	05082181	135,933
VC	2	10	05	G 2	G 2	2,20	IE3	4,3	30	10,4	25	55	IP54	16	05082184	147,057
VC	2	10	06	G 2	G 2	2,20	IE3	4,3	30	10,4	25	55	IP54	16	05082187	149,349
VC	2	15	01	DN 65	DN 65	1,10	IE3	2,3	180	6,2	25	55	IP54	16	48245748	134,743
VC	2	15	02	DN 65	DN 65	2,20	IE3	4,3	30	10,4	25	55	IP54	16	48245751	156,267
VC	3	02	02	G 1 1/2	G 1 1/2	0,37	IE-	0,95	50	4,6	25	60	IP54	16	05082215	109,748
VC	3	02	03	G 1 1/2	G 1 1/2	0,37	IE-	0,95	50	4,6	25	60	IP54	16	05082218	111,083
VC	3	02	04	G 1 1/2	G 1 1/2	0,37	IE-	0,95	50	4,6	25	60	IP54	16	05082221	112,481
VC	3	02	05	G 1 1/2	G 1 1/2	0,37	IE-	0,95	50	4,6	25	60	IP54	16	05082224	113,87
VC	3	02	06	G 1 1/2	G 1 1/2	0,55	IE-	1,2	50	5,8	25	60	IP54	16	05082227	119,741
VC	3	02	07	G 1 1/2	G 1 1/2	0,55	IE-	1,2	50	5,8	25	60	IP54	16	05082230	121,067
VC	3	02	08	G 1 1/2	G 1 1/2	0,55	IE-	1,2	50	5,8	25	60	IP54	16	05082233	122,945
VC	3	02	09	G 1 1/2	G 1 1/2	0,75	IE3	1,8	180	7,3	25	55	IP54	16	05082236	131,537
VC	3	02	10	G 1 1/2	G 1 1/2	0,75	IE3	1,8	180	7,3	25	55	IP54	16	05082239	132,971
VC	3	02	11	G 1 1/2	G 1 1/2	1,10	IE3	2,3	180	8,8	25	55	IP54	16	05082242	141,392
VC	3	02	12	G 1 1/2	G 1 1/2	1,10	IE3	2,3	180	8,8	25	55	IP54	16	05082245	142,805
VC	3	02	14	G 1 1/2	G 1 1/2	1,10	IE3	2,3	180	8,8	25	55	IP54	16	05082248	146,06
VC	3	04	02	G 1 1/2	G 1 1/2	0,37	IE-	0,95	50	4,6	25	60	IP54	16	05082259	109,508
VC	3	04	03	G 1 1/2	G 1 1/2	0,55	IE-	1,2	50	5,8	25	60	IP54	16	05082262	115,196
VC	3	04	04	G 1 1/2	G 1 1/2	0,55	IE-	1,2	50	5,8	25	60	IP54	16	05082265	116,477
VC	3	04	05	G 1 1/2	G 1 1/2	0,75	IE3	1,8	180	7,3	25	55	IP54	16	05082268	124,877
VC	3	04	06	G 1 1/2	G 1 1/2	1,10	IE3	2,3	180	8,8	25	55	IP54	16	05082271	133,181
VC	3	04	07	G 1 1/2	G 1 1/2	1,10	IE3	2,3	180	8,8	25	55	IP54	16	05082274	134,87
VC	3	04	08	G 1 1/2	G 1 1/2	1,50	IE3	3	50	11,5	25	55	IP54	16	05082277	151,117
VC	3	04	09	G 1 1/2	G 1 1/2	1,50	IE3	3	50	11,5	25	55	IP54	16	05082280	152,464
VC	3	04	10	G 1 1/2	G 1 1/2	1,50	IE3	3	50	11,5	25	55	IP54	16	05082283	153,781
VC	3	04	11	G 1 1/2	G 1 1/2	2,20	IE3	4,3	30	15,1	25	55	IP54	16	05082286	168,325
VC	3	04	12	G 1 1/2	G 1 1/2	2,20	IE3	4,3	30	15,1	25	55	IP54	16	05082289	169,621
VC	3	06	02	G 2	G 2	0,37	IE-	0,95	50	4,6	25	60	IP54	16	05082297	111,48
VC	3	06	03	G 2	G 2	0,75	IE3	1,8	180	7,3	25	55	IP54	16	05082300	124,485
VC	3	06	04	G 2	G 2	1,10	IE3	2,3	180	8,8	25	55	IP54	16	05082303	132,981
VC	3	06	05	G 2	G 2	1,10	IE3	2,3	180	8,8	25	55	IP54	16	05082306	134,454
VC	3	06	06	G 2	G 2	1,50	IE3	3	50	11,5	25	55	IP54	16	05082309	151,304
VC	3	06	07	G 2	G 2	1,50	IE3	3	50	11,5	25	55	IP54	16	05082312	152,843
VC	3	06	08	G 2	G 2	2,20	IE3	4,3	30	15,1	25	55	IP54	16	05082315	167,102
VC	3	06	09	G 2	G 2	2,20	IE3	4,3	30	15,1	25	55	IP54	16	05082318	168,563
VC	3	06	10	G 2	G 2	2,20	IE3	4,3	30	15,1	25	55	IP54	16	05082321	170,561
VC	3	10	01	G 2	G 2	0,75	IE3	1,8	180	7,3	25	55	IP54	16	05082332	158,795
VC	3	10	02	G 2	G 2	0,75	IE3	1,8	180	7,3	25	55	IP54	16	05082335	159,566
VC	3	10	03	G 2	G 2	1,10	IE3	2,3	180	8,8	25	55	IP54	16	05082338	169,769

DeltaPrimo	Number of pumps	Movitec	Number of stages	DN1	DN2	P <sub>N</sub>		Efficiency class	I <sub>N</sub>	Frequency of starts	I <sub>min</sub> Overcurrent protection	I <sub>max</sub> Overcurrent protection	Sound pressure level	Enclosure	PN	Mat. No.	[kg]
						[kW]											
VC	3	10	04	G 2	G 2	1,50		IE3	3	50	11,5	25	55	IP54	16	05082341	187,528
VC	3	10	05	G 2	G 2	2,20		IE3	4,3	30	15,1	25	55	IP54	16	05082344	203,032
VC	3	10	06	G 2	G 2	2,20		IE3	4,3	30	15,1	25	55	IP54	16	05082347	206,23
VC	3	15	01	DN 65	DN 65	1,10		IE3	2,3	180	8,8	25	55	IP54	16	48245761	184,255
VC	3	15	02	DN 65	DN 65	2,20		IE3	4,3	30	15,1	25	55	IP54	16	48245764	215,907

**DeltaPrimo VC, inlet condition F**


**Fig. 5:** Inlet conditions, version F (flooded) = indirect connection (pressure booster system with break tank arranged on same level as pump)

Note: Break tank and float switch not included in standard scope of supply. Available as accessory.

VC = pressure booster system with cabinet-mounted variable speed system

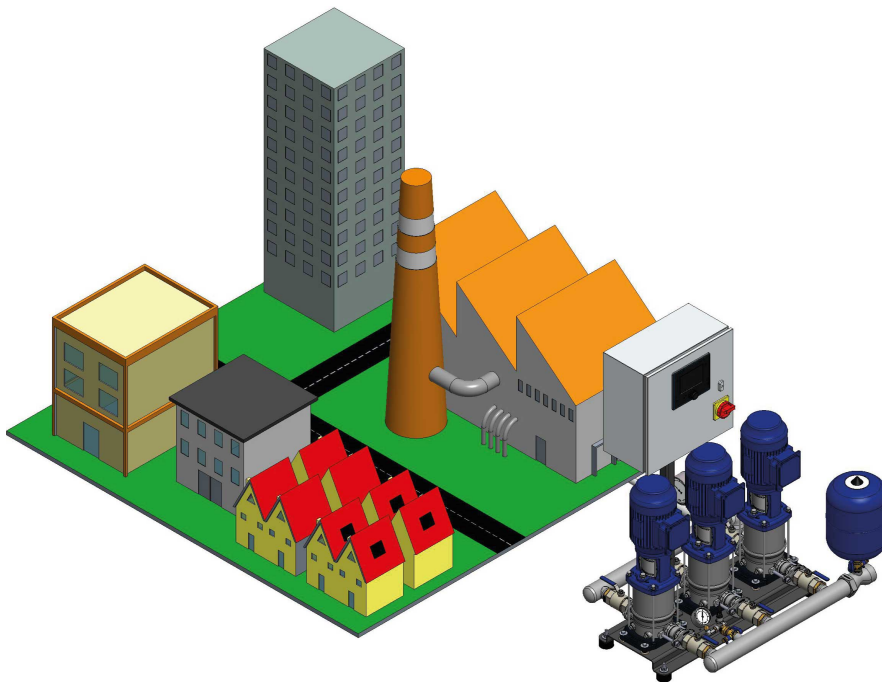
3 × 400 V ± 10 %

**Table 9:** 50 Hz

DeltaPrimo	Number of pumps	Movitec	Number of stages	DN1	DN2	P <sub>N</sub> [kW]	Efficiency class	I <sub>N</sub> [A]	Frequency of starts [x/h]	I <sub>min</sub> Overcurrent protection [A]	I <sub>max</sub> Overcurrent protection [A]	Sound pressure level [dB(A)]	Enclosure	PN	Mat. No.	[kg]
VC	2	02	02	G 1 1/2	DN 40	0,37	IE-	0,95	50	3,4	25	60	IP54	16	05166931	83,83
VC	2	02	03	G 1 1/2	DN 40	0,37	IE-	0,95	50	3,4	25	60	IP54	16	05166934	84,72
VC	2	02	04	G 1 1/2	DN 40	0,37	IE-	0,95	50	3,4	25	60	IP54	16	05166937	85,652
VC	2	02	05	G 1 1/2	DN 40	0,37	IE-	0,95	50	3,4	25	60	IP54	16	05166940	86,578
VC	2	02	06	G 1 1/2	DN 40	0,55	IE-	1,2	50	4,2	25	60	IP54	16	05166943	90,492
VC	2	02	07	G 1 1/2	DN 40	0,55	IE-	1,2	50	4,2	25	60	IP54	16	05166946	91,376
VC	2	02	08	G 1 1/2	DN 40	0,55	IE-	1,2	50	4,2	25	60	IP54	16	05166949	92,788
VC	2	02	09	G 1 1/2	DN 40	0,75	IE3	1,8	180	5,2	25	55	IP54	16	05166952	98,516
VC	2	02	10	G 1 1/2	DN 40	0,75	IE3	1,8	180	5,2	25	55	IP54	16	05166955	99,472
VC	2	02	11	G 1 1/2	DN 40	1,10	IE3	2,3	180	6,2	25	55	IP54	16	05166958	105,086
VC	2	02	12	G 1 1/2	DN 40	1,10	IE3	2,3	180	6,2	25	55	IP54	16	05166961	106,028
VC	2	02	14	G 1 1/2	DN 40	1,10	IE3	2,3	180	6,2	25	55	IP54	16	05166964	108,358
VC	2	02	16	G 1 1/2	DN 40	1,50	IE3	3	50	8,0	25	55	IP54	16	05166967	119,694
VC	2	02	18	G 1 1/2	DN 40	1,50	IE3	3	50	8,0	25	55	IP54	16	05166970	121,552
VC	2	04	02	G 1 1/2	DN 40	0,37	IE-	0,95	50	3,4	25	60	IP54	16	05166975	83,67
VC	2	04	03	G 1 1/2	DN 40	0,55	IE-	1,2	50	4,2	25	60	IP54	16	05166978	87,462
VC	2	04	04	G 1 1/2	DN 40	0,55	IE-	1,2	50	4,2	25	60	IP54	16	05166981	88,316
VC	2	04	05	G 1 1/2	DN 40	0,75	IE3	1,8	180	5,2	25	55	IP54	16	05166984	93,916
VC	2	04	06	G 1 1/2	DN 40	1,10	IE3	2,3	180	6,2	25	55	IP54	16	05166987	99,452
VC	2	04	07	G 1 1/2	DN 40	1,10	IE3	2,3	180	6,2	25	55	IP54	16	05166990	100,738
VC	2	04	08	G 1 1/2	DN 40	1,50	IE3	3	50	8,0	25	55	IP54	16	05166993	111,044
VC	2	04	09	G 1 1/2	DN 40	1,50	IE3	3	50	8,0	25	55	IP54	16	05166996	111,942
VC	2	04	10	G 1 1/2	DN 40	1,50	IE3	3	50	8,0	25	55	IP54	16	05166999	112,82
VC	2	04	11	G 1 1/2	DN 40	2,20	IE3	4,3	30	10,4	25	55	IP54	16	05167002	123,464
VC	2	04	12	G 1 1/2	DN 40	2,20	IE3	4,3	30	10,4	25	55	IP54	16	05167005	124,328

DeltaPrimo	Number of pumps	Movitec	Number of stages	DN1	DN2	P <sub>N</sub> [kW]	Efficiency class	I <sub>N</sub> [A]	Frequency of starts [x/h]	I <sub>min</sub> Overcurrent protection [A]	I <sub>max</sub> Overcurrent protection [A]	Sound pressure level [dB(A)]	Enclosure	PN	Mat. No.	[kg]
VC	2	04	14	G 1 1/2	DN 40	2,20	IE3	4,3	30	10,4	25	55	IP54	16	05167008	126,022
VC	2	06	02	G 1 1/2	DN 40	0,37	IE-	0,95	50	3,4	25	60	IP54	16	05167013	83,778
VC	2	06	03	G 1 1/2	DN 40	0,75	IE3	1,8	180	5,2	25	55	IP54	16	05167016	92,448
VC	2	06	04	G 1 1/2	DN 40	1,10	IE3	2,3	180	6,2	25	55	IP54	16	05167019	98,112
VC	2	06	05	G 1 1/2	DN 40	1,10	IE3	2,3	180	6,2	25	55	IP54	16	05167022	99,094
VC	2	06	06	G 1 1/2	DN 40	1,50	IE3	3	50	8,0	25	55	IP54	16	05167025	109,962
VC	2	06	07	G 1 1/2	DN 40	1,50	IE3	3	50	8,0	25	55	IP54	16	05167028	110,988
VC	2	06	08	G 1 1/2	DN 40	2,20	IE3	4,3	30	10,4	25	55	IP54	16	05167031	121,282
VC	2	06	09	G 1 1/2	DN 40	2,20	IE3	4,3	30	10,4	25	55	IP54	16	05167034	122,256
VC	2	06	10	G 1 1/2	DN 40	2,20	IE3	4,3	30	10,4	25	55	IP54	16	05167037	123,748
VC	2	10	01	G 2	DN 50	0,75	IE3	1,8	180	5,2	25	55	IP54	16	05167048	116,358
VC	2	10	02	G 2	DN 50	0,75	IE3	1,8	180	5,2	25	55	IP54	16	05167051	116,872
VC	2	10	03	G 2	DN 50	1,10	IE3	2,3	180	6,2	25	55	IP54	16	05167054	123,834
VC	2	10	04	G 2	DN 50	1,50	IE3	3	50	8,0	25	55	IP54	16	05167057	135,148
VC	2	10	05	G 2	DN 50	2,20	IE3	4,3	30	10,4	25	55	IP54	16	05167060	146,272
VC	2	10	06	G 2	DN 50	2,20	IE3	4,3	30	10,4	25	55	IP54	16	05167063	148,564
VC	2	15	01	DN 65	DN 65	1,10	IE3	2,3	180	6,2	25	55	IP54	16	05168441	133,958
VC	2	15	02	DN 65	DN 65	2,20	IE3	4,3	30	10,4	25	55	IP54	16	05168444	155,482
VC	3	02	02	G 1 1/2	DN 40	0,37	IE-	0,95	50	4,6	25	60	IP54	16	05167077	108,963
VC	3	02	03	G 1 1/2	DN 40	0,37	IE-	0,95	50	4,6	25	60	IP54	16	05167080	110,298
VC	3	02	04	G 1 1/2	DN 40	0,37	IE-	0,95	50	4,6	25	60	IP54	16	05167083	111,696
VC	3	02	05	G 1 1/2	DN 40	0,37	IE-	0,95	50	4,6	25	60	IP54	16	05167086	113,085
VC	3	02	06	G 1 1/2	DN 40	0,55	IE-	1,2	50	5,8	25	60	IP54	16	05167089	118,956
VC	3	02	07	G 1 1/2	DN 40	0,55	IE-	1,2	50	5,8	25	60	IP54	16	05167092	120,282
VC	3	02	08	G 1 1/2	DN 40	0,55	IE-	1,2	50	5,8	25	60	IP54	16	05167095	122,16
VC	3	02	09	G 1 1/2	DN 40	0,75	IE3	1,8	180	7,3	25	55	IP54	16	05167098	130,752
VC	3	02	10	G 1 1/2	DN 40	0,75	IE3	1,8	180	7,3	25	55	IP54	16	05167101	132,186
VC	3	02	11	G 1 1/2	DN 40	1,10	IE3	2,3	180	8,8	25	55	IP54	16	05167104	140,607
VC	3	02	12	G 1 1/2	DN 40	1,10	IE3	2,3	180	8,8	25	55	IP54	16	05167107	142,02
VC	3	02	14	G 1 1/2	DN 40	1,10	IE3	2,3	180	8,8	25	55	IP54	16	05167110	145,275
VC	3	02	16	G 1 1/2	DN 40	1,50	IE3	3	50	11,5	25	55	IP54	16	05167113	163,067
VC	3	02	18	G 1 1/2	DN 40	1,50	IE3	3	50	11,5	25	55	IP54	16	05167116	165,854
VC	3	04	02	G 1 1/2	DN 40	0,37	IE-	0,95	50	4,6	25	60	IP54	16	05167121	108,723
VC	3	04	03	G 1 1/2	DN 40	0,55	IE-	1,2	50	5,8	25	60	IP54	16	05167124	114,411
VC	3	04	04	G 1 1/2	DN 40	0,55	IE-	1,2	50	5,8	25	60	IP54	16	05167127	115,692
VC	3	04	05	G 1 1/2	DN 40	0,75	IE3	1,8	180	7,3	25	55	IP54	16	05167130	124,092
VC	3	04	06	G 1 1/2	DN 40	1,10	IE3	2,3	180	8,8	25	55	IP54	16	05167133	132,396
VC	3	04	07	G 1 1/2	DN 40	1,10	IE3	2,3	180	8,8	25	55	IP54	16	05167136	134,085
VC	3	04	08	G 1 1/2	DN 40	1,50	IE3	3	50	11,5	25	55	IP54	16	05167139	150,332
VC	3	04	09	G 1 1/2	DN 40	1,50	IE3	3	50	11,5	25	55	IP54	16	05167142	151,679
VC	3	04	10	G 1 1/2	DN 40	1,50	IE3	3	50	11,5	25	55	IP54	16	05167145	152,996
VC	3	04	11	G 1 1/2	DN 40	2,20	IE3	4,3	30	15,1	25	55	IP54	16	05167148	167,54
VC	3	04	12	G 1 1/2	DN 40	2,20	IE3	4,3	30	15,1	25	55	IP54	16	05167151	168,836
VC	3	04	14	G 1 1/2	DN 40	2,20	IE3	4,3	30	15,1	25	55	IP54	16	05167154	171,377
VC	3	06	02	G 2	DN 50	0,37	IE-	0,95	50	4,6	25	60	IP54	16	05167159	110,695
VC	3	06	03	G 2	DN 50	0,75	IE3	1,8	180	7,3	25	55	IP54	16	05167162	123,7
VC	3	06	04	G 2	DN 50	1,10	IE3	2,3	180	8,8	25	55	IP54	16	05167165	132,196
VC	3	06	05	G 2	DN 50	1,10	IE3	2,3	180	8,8	25	55	IP54	16	05167168	133,669
VC	3	06	06	G 2	DN 50	1,50	IE3	3	50	11,5	25	55	IP54	16	05167171	150,519
VC	3	06	07	G 2	DN 50	1,50	IE3	3	50	11,5	25	55	IP54	16	05167174	152,058
VC	3	06	08	G 2	DN 50	2,20	IE3	4,3	30	15,1	25	55	IP54	16	05167177	166,317
VC	3	06	09	G 2	DN 50	2,20	IE3	4,3	30	15,1	25	55	IP54	16	05167180	167,778

DeltaPrimo	Number of pumps	Movitec	Number of stages	DN1	DN2	P <sub>N</sub>		Efficiency class	I <sub>N</sub>	Frequency of starts	I <sub>min</sub> Overcurrent protection	I <sub>max</sub> Overcurrent protection	Sound pressure level	Enclosure	PN	Mat. No.	[kg]
						[kW]											
VC	3	06	10	G 2	DN 50	2,20		IE3	4,3	30	15,1	25	55	IP54	16	05167183	169,776
VC	3	10	01	G 2	DN 50	0,75		IE3	1,8	180	7,3	25	55	IP54	16	05167194	158,01
VC	3	10	02	G 2	DN 50	0,75		IE3	1,8	180	7,3	25	55	IP54	16	05167197	158,781
VC	3	10	03	G 2	DN 50	1,10		IE3	2,3	180	8,8	25	55	IP54	16	05167200	168,984
VC	3	10	04	G 2	DN 50	1,50		IE3	3	50	11,5	25	55	IP54	16	05167203	186,743
VC	3	10	05	G 2	DN 50	2,20		IE3	4,3	30	15,1	25	55	IP54	16	05167206	202,247
VC	3	10	06	G 2	DN 50	2,20		IE3	4,3	30	15,1	25	55	IP54	16	05167209	205,445
VC	3	15	01	DN 65	DN 65	1,10		IE3	2,3	180	8,8	25	55	IP54	16	05168454	183,47
VC	3	15	02	DN 65	DN 65	2,20		IE3	4,3	30	15,1	25	55	IP54	16	05168457	215,122

**DeltaPrimo SVP, inlet condition M**


**Fig. 6:** Inlet conditions, version M (mains) = direct connection (inlet side of pressure booster system connected to the municipal water supply)

SVP = variable speed pressure booster system with KSB SuPremE motor

3 × 400 V ± 10 %

Dry running protection = pressure sensor

**Table 10:** 50 Hz

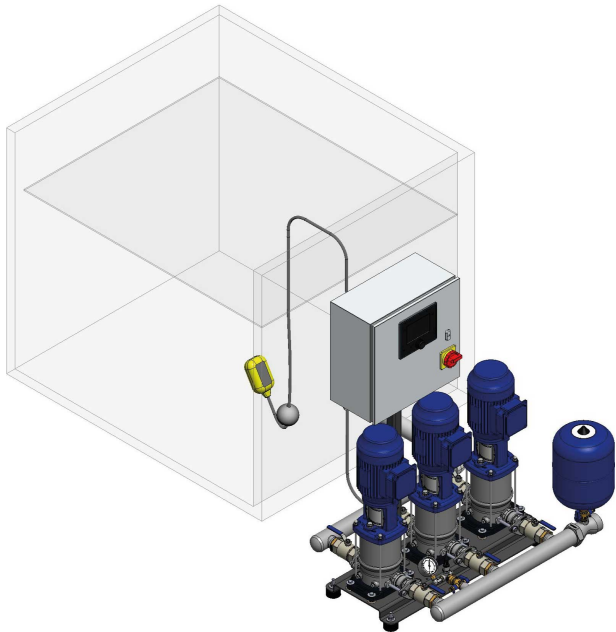
DeltaPrimo	Number of pumps	Movitec	Number of stages	DN1	DN2	P <sub>N</sub> [kW]	Efficiency class	I <sub>N</sub> [A]	Frequency of starts [x/h]	I <sub>min</sub> Overcurrent protection [A]	I <sub>max</sub> Overcurrent protection [A]	Sound pressure level [dB(A)]	Enclosure	PN	Mat. No.	[kg]
SVP	2	02	02	G 1 1/2	G 1 1/2	0,37	IE-	1,3	~	3,8	25	70	IP54	16	05082034	81,589
SVP	2	02	03	G 1 1/2	G 1 1/2	0,37	IE-	1,3	~	3,8	25	70	IP54	16	05082037	82,479
SVP	2	02	04	G 1 1/2	G 1 1/2	0,37	IE-	1,3	~	3,8	25	70	IP54	16	05082060	83,411
SVP	2	02	05	G 1 1/2	G 1 1/2	0,55	IE5	1,8	~	5	25	70	IP54	16	05082063	84,337
SVP	2	02	06	G 1 1/2	G 1 1/2	0,55	IE5	1,8	~	5	25	70	IP54	16	05082066	85,271
SVP	2	02	07	G 1 1/2	G 1 1/2	0,55	IE5	1,8	~	5	25	70	IP54	16	05082069	86,155
SVP	2	02	08	G 1 1/2	G 1 1/2	0,75	IE5	2,5	~	6,4	25	70	IP54	16	05082072	87,647
SVP	2	02	09	G 1 1/2	G 1 1/2	0,75	IE5	2,5	~	6,4	25	70	IP54	16	05082075	91,775
SVP	2	02	10	G 1 1/2	G 1 1/2	0,75	IE5	2,5	~	6,4	25	70	IP54	16	05082078	92,731
SVP	2	02	11	G 1 1/2	G 1 1/2	1,10	IE5	3,5	~	8,4	25	70	IP54	16	05082081	97,665
SVP	2	02	12	G 1 1/2	G 1 1/2	1,10	IE5	3,5	~	8,4	25	70	IP54	16	05082084	98,607
SVP	2	02	14	G 1 1/2	G 1 1/2	1,10	IE5	3,5	~	8,4	25	70	IP54	16	05082087	100,937
SVP	2	04	02	G 1 1/2	G 1 1/2	0,37	IE-	1,3	~	3,8	25	70	IP54	16	05082098	81,429
SVP	2	04	03	G 1 1/2	G 1 1/2	0,55	IE5	1,8	~	5	25	70	IP54	16	05082101	82,241
SVP	2	04	04	G 1 1/2	G 1 1/2	0,75	IE5	2,5	~	6,4	25	70	IP54	16	05082104	83,175
SVP	2	04	05	G 1 1/2	G 1 1/2	0,75	IE5	2,5	~	6,4	25	70	IP54	16	05082107	87,175
SVP	2	04	06	G 1 1/2	G 1 1/2	1,10	IE5	3,5	~	8,4	25	70	IP54	16	05082110	92,031
SVP	2	04	07	G 1 1/2	G 1 1/2	1,10	IE5	3,5	~	8,4	25	70	IP54	16	05082113	93,317
SVP	2	04	08	G 1 1/2	G 1 1/2	1,50	IE5	4,9	~	8,9	25	70	IP54	16	05082116	100,951
SVP	2	04	09	G 1 1/2	G 1 1/2	1,50	IE5	4,9	~	8,9	25	70	IP54	16	05082119	101,849
SVP	2	04	10	G 1 1/2	G 1 1/2	1,50	IE5	4,9	~	8,9	25	70	IP54	16	05082122	102,727
SVP	2	04	11	G 1 1/2	G 1 1/2	2,20	IE5	6	~	12,8	25	70	IP54	16	05082125	112,063
SVP	2	04	12	G 1 1/2	G 1 1/2	2,20	IE5	6	~	12,8	25	70	IP54	16	05082128	112,927

DeltaPrimo	Number of pumps	Movitec	Number of stages	DN1	DN2	P <sub>N</sub> [kW]	Efficiency class	I <sub>N</sub> [A]	Frequency of starts [x/h]	I <sub>min</sub> Overcurrent protection [A]	I <sub>max</sub> Overcurrent protection [A]	Sound pressure level [dB(A)]	Enclosure	PN	Mat. No.	[kg]
SVP	2	06	02	G 1 1/2	G 1 1/2	0,55	IE5	1,8	~	5	25	70	IP54	16	05082136	81,537
SVP	2	06	03	G 1 1/2	G 1 1/2	0,75	IE5	2,5	~	6,4	25	70	IP54	16	05082139	85,707
SVP	2	06	04	G 1 1/2	G 1 1/2	1,10	IE5	3,5	~	8,4	25	70	IP54	16	05082142	90,691
SVP	2	06	05	G 1 1/2	G 1 1/2	1,10	IE5	3,5	~	8,4	25	70	IP54	16	05082145	91,673
SVP	2	06	06	G 1 1/2	G 1 1/2	1,50	IE5	4,9	~	8,9	25	70	IP54	16	05082148	99,869
SVP	2	06	07	G 1 1/2	G 1 1/2	1,50	IE5	4,9	~	8,9	25	70	IP54	16	05082151	100,895
SVP	2	06	08	G 1 1/2	G 1 1/2	2,20	IE5	6	~	12,8	25	70	IP54	16	05082154	109,881
SVP	2	06	09	G 1 1/2	G 1 1/2	2,20	IE5	6	~	12,8	25	70	IP54	16	05082157	110,855
SVP	2	06	10	G 1 1/2	G 1 1/2	2,20	IE5	6	~	12,8	25	70	IP54	16	05082160	112,347
SVP	2	06	11	G 1 1/2	G 1 1/2	3,00	IE5	8	~	16,3	25	71	IP54	16	05082163	126,441
SVP	2	06	12	G 1 1/2	G 1 1/2	3,00	IE5	8	~	16,3	25	71	IP54	16	05082165	127,427
SVP	2	10	01	G 2	G 2	0,75	IE5	2,5	~	6,4	25	70	IP54	16	05082171	109,097
SVP	2	10	02	G 2	G 2	0,75	IE5	2,5	~	6,4	25	70	IP54	16	05082174	109,611
SVP	2	10	03	G 2	G 2	1,10	IE5	3,5	~	8,4	25	70	IP54	16	05082177	115,893
SVP	2	10	04	G 2	G 2	1,50	IE5	4,9	~	8,9	25	70	IP54	16	05082180	124,535
SVP	2	10	05	G 2	G 2	2,20	IE5	6	~	12,8	25	70	IP54	16	05082183	134,351
SVP	2	10	06	G 2	G 2	2,20	IE5	6	~	12,8	25	70	IP54	16	05082186	136,163
SVP	2	10	07	G 2	G 2	3,00	IE5	8	~	16,3	25	71	IP54	16	05082189	151,717
SVP	2	10	08	G 2	G 2	3,00	IE5	8	~	16,3	25	71	IP54	16	05082191	153,583
SVP	2	10	09	G 2	G 2	4,00	IE5	10	~	16,6	25	71	IP54	16	05082193	179,191
SVP	2	10	10	G 2	G 2	4,00	IE5	10	~	16,6	25	71	IP54	16	05082195	184,663
SVP	2	15	01	DN 65	DN 65	1,10	IE5	3,5	~	8,4	25	70	IP54	16	48245747	126,009
SVP	2	15	02	DN 65	DN 65	2,20	IE5	6	~	12,8	25	70	IP54	16	48245750	143,561
SVP	2	15	03	DN 65	DN 65	3,00	IE5	8	~	16,3	25	71	IP54	16	48245753	159,455
SVP	2	15	04	DN 65	DN 65	4,00	IE5	10	~	16,6	25	71	IP54	16	48245755	185,361
SVP	2	15	05	DN 65	DN 65	5,50	IE5	14	~	25,2	40	71	IP54	16	48245756	241,126
SVP	2	15	06	DN 65	DN 65	7,50	IE5	16	~	31,8	40	71	IP54	16	48245757	263,584
SVP	2	15	07	DN 65	DN 65	7,50	IE5	18	~	31,8	40	71	IP54	16	48245758	266,042
SVP	3	02	02	G 1 1/2	G 1 1/2	0,37	IE-	1,3	~	5,2	25	70	IP54	16	05082214	110,706
SVP	3	02	03	G 1 1/2	G 1 1/2	0,37	IE-	1,3	~	5,2	25	70	IP54	16	05082217	112,041
SVP	3	02	04	G 1 1/2	G 1 1/2	0,37	IE-	1,3	~	5,2	25	70	IP54	16	05082220	113,439
SVP	3	02	05	G 1 1/2	G 1 1/2	0,55	IE5	1,8	~	7	25	70	IP54	16	05082223	114,828
SVP	3	02	06	G 1 1/2	G 1 1/2	0,55	IE5	1,8	~	7	25	70	IP54	16	05082226	116,229
SVP	3	02	07	G 1 1/2	G 1 1/2	0,55	IE5	1,8	~	7	25	70	IP54	16	05082229	117,555
SVP	3	02	08	G 1 1/2	G 1 1/2	0,75	IE5	2,5	~	9,1	25	70	IP54	16	05082232	119,553
SVP	3	02	09	G 1 1/2	G 1 1/2	0,75	IE5	2,5	~	9,1	25	70	IP54	16	05082235	125,745
SVP	3	02	10	G 1 1/2	G 1 1/2	0,75	IE5	2,5	~	9,1	25	70	IP54	16	05082238	127,179
SVP	3	02	11	G 1 1/2	G 1 1/2	1,10	IE5	3,5	~	12,1	25	70	IP54	16	05082241	134,58
SVP	3	02	12	G 1 1/2	G 1 1/2	1,10	IE5	3,5	~	12,1	25	70	IP54	16	05082244	135,993
SVP	3	02	14	G 1 1/2	G 1 1/2	1,10	IE5	3,5	~	12,1	25	70	IP54	16	05082247	139,248
SVP	3	04	02	G 1 1/2	G 1 1/2	0,37	IE-	1,3	~	5,2	25	70	IP54	16	05082258	110,466
SVP	3	04	03	G 1 1/2	G 1 1/2	0,55	IE5	1,8	~	7	25	70	IP54	16	05082261	111,684
SVP	3	04	04	G 1 1/2	G 1 1/2	0,75	IE5	2,5	~	9,1	25	70	IP54	16	05082264	113,085
SVP	3	04	05	G 1 1/2	G 1 1/2	0,75	IE5	2,5	~	9,1	25	70	IP54	16	05082267	119,085
SVP	3	04	06	G 1 1/2	G 1 1/2	1,10	IE5	3,5	~	12,1	25	70	IP54	16	05082270	126,369
SVP	3	04	07	G 1 1/2	G 1 1/2	1,10	IE5	3,5	~	12,1	25	70	IP54	16	05082273	128,058
SVP	3	04	08	G 1 1/2	G 1 1/2	1,50	IE5	4,9	~	12,8	25	70	IP54	16	05082276	139,509
SVP	3	04	09	G 1 1/2	G 1 1/2	1,50	IE5	4,9	~	12,8	25	70	IP54	16	05082279	140,856
SVP	3	04	10	G 1 1/2	G 1 1/2	1,50	IE5	4,9	~	12,8	25	70	IP54	16	05082282	142,173
SVP	3	04	11	G 1 1/2	G 1 1/2	2,20	IE5	6	~	18,6	25	70	IP54	16	05082285	155,937
SVP	3	04	12	G 1 1/2	G 1 1/2	2,20	IE5	6	~	18,6	25	70	IP54	16	05082288	157,233
SVP	3	06	02	G 2	G 2	0,55	IE5	1,8	~	7	25	70	IP54	16	05082296	112,648



DeltaPrimo	Number of pumps	Movitec	Number of stages	DN1	DN2	P <sub>N</sub> [kW]	Efficiency class	I <sub>N</sub> [A]	Frequency of starts [x/h]	I <sub>min</sub> Overcurrent protection [A]	I <sub>max</sub> Overcurrent protection [A]	Sound pressure level [dB(A)]	Enclosure	PN	Mat. No.	[kg]
SVP	3	06	03	G 2	G 2	0,75	IE5	2,5	~	9,1	25	70	IP54	16	05082299	118,903
SVP	3	06	04	G 2	G 2	1,10	IE5	3,5	~	12,1	25	70	IP54	16	05082302	126,379
SVP	3	06	05	G 2	G 2	1,10	IE5	3,5	~	12,1	25	70	IP54	16	05082305	127,852
SVP	3	06	06	G 2	G 2	1,50	IE5	4,9	~	12,8	25	70	IP54	16	05082308	139,906
SVP	3	06	07	G 2	G 2	1,50	IE5	4,9	~	12,8	25	70	IP54	16	05082311	141,445
SVP	3	06	08	G 2	G 2	2,20	IE5	6	~	18,6	25	70	IP54	16	05082314	154,924
SVP	3	06	09	G 2	G 2	2,20	IE5	6	~	18,6	25	70	IP54	16	05082317	156,385
SVP	3	06	10	G 2	G 2	2,20	IE5	6	~	18,6	25	70	IP54	16	05082320	158,383
SVP	3	06	11	G 2	G 2	3,00	IE5	8	~	24	25	71	IP54	16	05082323	180,196
SVP	3	06	12	G 2	G 2	3,00	IE5	8	~	24	25	71	IP54	16	05082325	181,675
SVP	3	10	01	G 2	G 2	0,75	IE5	2,5	~	9,1	25	70	IP54	16	05082331	152,483
SVP	3	10	02	G 2	G 2	0,75	IE5	2,5	~	9,1	25	70	IP54	16	05082334	153,254
SVP	3	10	03	G 2	G 2	1,10	IE5	3,5	~	12,1	25	70	IP54	16	05082337	162,437
SVP	3	10	04	G 2	G 2	1,50	IE5	4,9	~	12,8	25	70	IP54	16	05082340	175,4
SVP	3	10	05	G 2	G 2	2,20	IE5	6	~	18,6	25	70	IP54	16	05082343	190,124
SVP	3	10	06	G 2	G 2	2,20	IE5	6	~	18,6	25	70	IP54	16	05082346	192,842
SVP	3	10	07	G 2	G 2	3,00	IE5	8	~	24	25	71	IP54	16	05082349	216,605
SVP	3	10	08	G 2	G 2	3,00	IE5	8	~	24	25	71	IP54	16	05082351	219,404
SVP	3	10	09	G 2	G 2	4,00	IE5	10	~	24,4	25	71	IP54	16	05082353	257,516
SVP	3	10	10	G 2	G 2	4,00	IE5	10	~	24,4	25	71	IP54	16	05082355	263,949
SVP	3	15	01	DN 65	DN 65	1,10	IE5	3,5	~	12,1	25	70	IP54	16	48245760	176,911
SVP	3	15	02	DN 65	DN 65	2,20	IE5	6	~	18,6	25	70	IP54	16	48245763	202,999
SVP	3	15	03	DN 65	DN 65	3,00	IE5	8	~	24	25	71	IP54	16	48245766	227,512
SVP	3	15	04	DN 65	DN 65	4,00	IE5	10	~	24,4	25	71	IP54	16	48245768	265,831
SVP	3	15	05	DN 65	DN 65	5,50	IE5	14	~	37,3	40	71	IP54	16	48245769	346,984
SVP	3	15	06	DN 65	DN 65	7,50	IE5	18	~	47,1	50	71	IP54	16	48245770	380,671
SVP	3	15	07	DN 65	DN 65	7,50	IE5	18	~	47,1	50	71	IP54	16	48245771	384,358
SVP	4	02	02	G 1 1/2	G 1 1/2	0,37	IE-	1,3	~	6,6	25	70	IP54	16	05082374	142,894
SVP	4	02	03	G 1 1/2	G 1 1/2	0,37	IE-	1,3	~	6,6	25	70	IP54	16	05082376	144,674
SVP	4	02	04	G 1 1/2	G 1 1/2	0,37	IE-	1,3	~	6,6	25	70	IP54	16	05082378	146,538
SVP	4	02	05	G 1 1/2	G 1 1/2	0,55	IE5	1,8	~	9	25	70	IP54	16	05082380	148,39
SVP	4	02	06	G 1 1/2	G 1 1/2	0,55	IE5	1,8	~	9	25	70	IP54	16	05082382	150,258
SVP	4	02	07	G 1 1/2	G 1 1/2	0,55	IE5	1,8	~	9	25	70	IP54	16	05082384	152,026
SVP	4	02	08	G 1 1/2	G 1 1/2	0,75	IE5	2,5	~	11,8	25	70	IP54	16	05082386	154,53
SVP	4	02	09	G 1 1/2	G 1 1/2	0,75	IE5	2,5	~	11,8	25	70	IP54	16	05082388	162,786
SVP	4	02	10	G 1 1/2	G 1 1/2	0,75	IE5	2,5	~	11,8	25	70	IP54	16	05082390	164,698
SVP	4	02	11	G 1 1/2	G 1 1/2	1,10	IE5	3,5	~	15,8	25	70	IP54	16	05082392	174,566
SVP	4	02	12	G 1 1/2	G 1 1/2	1,10	IE5	3,5	~	15,8	25	70	IP54	16	05082394	176,45
SVP	4	02	14	G 1 1/2	G 1 1/2	1,10	IE5	3,5	~	15,8	25	70	IP54	16	05082396	180,63
SVP	4	04	02	G 1 1/2	G 1 1/2	0,37	IE-	1,3	~	6,6	25	70	IP54	16	05082404	142,574
SVP	4	04	03	G 1 1/2	G 1 1/2	0,55	IE5	1,8	~	9	25	70	IP54	16	05082406	144,198
SVP	4	04	04	G 1 1/2	G 1 1/2	0,75	IE5	2,5	~	11,8	25	70	IP54	16	05082408	146,066
SVP	4	04	05	G 1 1/2	G 1 1/2	0,75	IE5	2,5	~	11,8	25	70	IP54	16	05082410	154,066
SVP	4	04	06	G 1 1/2	G 1 1/2	1,10	IE5	3,5	~	15,8	25	70	IP54	16	05082412	163,778
SVP	4	04	07	G 1 1/2	G 1 1/2	1,10	IE5	3,5	~	15,8	25	70	IP54	16	05082414	165,87
SVP	4	04	08	G 1 1/2	G 1 1/2	1,50	IE5	4,9	~	16,7	25	70	IP54	16	05082416	181,138
SVP	4	04	09	G 1 1/2	G 1 1/2	1,50	IE5	4,9	~	16,7	25	70	IP54	16	05082418	182,934
SVP	4	04	10	G 1 1/2	G 1 1/2	1,50	IE5	4,9	~	16,7	25	70	IP54	16	05082420	184,69
SVP	4	04	11	G 1 1/2	G 1 1/2	2,20	IE5	6	~	24,5	25	70	IP54	16	05082422	203,726
SVP	4	04	12	G 1 1/2	G 1 1/2	2,20	IE5	6	~	24,5	25	70	IP54	16	05082424	205,454
SVP	4	06	02	G 2	G 2	0,55	IE5	1,8	~	9	25	70	IP54	16	05082430	145,38
SVP	4	06	03	G 2	G 2	0,75	IE5	2,5	~	11,8	25	70	IP54	16	05082432	153,72

DeltaPrimo	Number of pumps	Movitec	Number of stages	DN1	DN2	P <sub>N</sub> [kW]	Efficiency class	I <sub>N</sub> [A]	Frequency of starts [x/h]	I <sub>min</sub> Overcurrent protection [A]	I <sub>max</sub> Overcurrent protection [A]	Sound pressure level [dB(A)]	Enclosure	PN	Mat. No.	[kg]
SVP	4	06	04	G 2	G 2	1,10	IE5	3,5	~	15,8	25	70	IP54	16	05082434	163,688
SVP	4	06	05	G 2	G 2	1,10	IE5	3,5	~	15,8	25	70	IP54	16	05082436	165,652
SVP	4	06	06	G 2	G 2	1,50	IE5	4,9	~	16,7	25	70	IP54	16	05082438	181,564
SVP	4	06	07	G 2	G 2	1,50	IE5	4,9	~	16,7	25	70	IP54	16	05082440	183,616
SVP	4	06	08	G 2	G 2	2,20	IE5	6	~	24,5	25	70	IP54	16	05082442	202,432
SVP	4	06	09	G 2	G 2	2,20	IE5	6	~	24,5	25	70	IP54	16	05082444	204,38
SVP	4	06	10	G 2	G 2	2,20	IE5	6	~	24,5	25	70	IP54	16	05082446	206,884
SVP	4	06	11	G 2	G 2	3,00	IE5	8	~	31,7	40	71	IP54	16	05082448	236,418
SVP	4	06	12	G 2	G 2	3,00	IE5	8	~	31,7	40	71	IP54	16	05082450	238,39
SVP	4	10	01	DN 65	DN 65	0,75	IE5	2,5	~	11,8	25	70	IP54	16	05082456	201,95
SVP	4	10	02	DN 65	DN 65	0,75	IE5	2,5	~	11,8	25	70	IP54	16	05082458	202,978
SVP	4	10	03	DN 65	DN 65	1,10	IE5	3,5	~	15,8	25	70	IP54	16	05082460	215,062
SVP	4	10	04	DN 65	DN 65	1,50	IE5	4,9	~	16,7	25	70	IP54	16	05082462	232,346
SVP	4	10	05	DN 65	DN 65	2,20	IE5	6	~	24,5	25	70	IP54	16	05082464	252,822
SVP	4	10	06	DN 65	DN 65	2,20	IE5	6	~	24,5	25	70	IP54	16	05082466	256,446
SVP	4	10	07	DN 65	DN 65	3,00	IE5	8	~	31,7	40	71	IP54	16	05082468	288,42
SVP	4	10	08	DN 65	DN 65	3,00	IE5	8	~	31,7	40	71	IP54	16	05082470	292,152
SVP	4	10	09	DN 65	DN 65	4,00	IE5	10	~	32,2	40	71	IP54	16	05082472	341,432
SVP	4	10	10	DN 65	DN 65	4,00	IE5	10	~	32,2	40	71	IP54	16	05082474	348,826
SVP	4	15	01	DN 100	DN 100	1,10	IE5	3,5	~	15,8	25	70	IP54	16	48245773	233,654
SVP	4	15	02	DN 100	DN 100	2,20	IE5	6	~	24,5	25	70	IP54	16	48245775	269,122
SVP	4	15	03	DN 100	DN 100	3,00	IE5	8	~	31,7	40	71	IP54	16	48245777	302,256
SVP	4	15	04	DN 100	DN 100	4,00	IE5	10	~	32,2	40	71	IP54	16	48245779	351,652
SVP	4	15	05	DN 100	DN 100	5,50	IE5	14	~	49,4	50	71	IP54	16	48245780	458,676
SVP	4	15	06	DN 100	DN 100	7,50	IE5	18	~	62,5	63	71	IP54	16	48245781	503,592
SVP	4	15	07	DN 100	DN 100	7,50	IE5	18	~	62,5	63	71	IP54	16	48245782	508,508

**DeltaPrimo SVP, inlet condition F**


**Fig. 7:** Inlet conditions, version F (flooded) = indirect connection (pressure booster system with break tank arranged on same level as pump)

Note: Break tank and float switch not included in standard scope of supply. Available as accessory.

SVP = variable speed pressure booster system with KSB SuPremE motor

3 × 400 V ± 10 %

**Table 11:** 50 Hz

DeltaPrimo	Number of pumps	Movitec	Number of stages	DN1	DN2	P <sub>N</sub> [kW]	Efficiency class	I <sub>N</sub> [A]	Frequency of starts [x/h]	I <sub>min</sub> Overcurrent protection [A]	I <sub>max</sub> Overcurrent protection [A]	Sound pressure level [dB(A)]	Enclosure	PN	Mat. No.	[kg]
SVP	2	02	02	G 1 1/2	DN 40	0,37	IE-	1,3	-	3,8	25	70	IP54	16	05166930	80,804
SVP	2	02	03	G 1 1/2	DN 40	0,37	IE-	1,3	-	3,8	25	70	IP54	16	05166933	81,694
SVP	2	02	04	G 1 1/2	DN 40	0,37	IE-	1,3	-	3,8	25	70	IP54	16	05166936	82,626
SVP	2	02	05	G 1 1/2	DN 40	0,55	IE5	1,8	-	5	25	70	IP54	16	05166939	83,552
SVP	2	02	06	G 1 1/2	DN 40	0,55	IE5	1,8	-	5	25	70	IP54	16	05166942	84,486
SVP	2	02	07	G 1 1/2	DN 40	0,55	IE5	1,8	-	5	25	70	IP54	16	05166945	85,37
SVP	2	02	08	G 1 1/2	DN 40	0,75	IE5	2,5	-	6,4	25	70	IP54	16	05166948	86,862
SVP	2	02	09	G 1 1/2	DN 40	0,75	IE5	2,5	-	6,4	25	70	IP54	16	05166951	90,99
SVP	2	02	10	G 1 1/2	DN 40	0,75	IE5	2,5	-	6,4	25	70	IP54	16	05166954	91,946
SVP	2	02	11	G 1 1/2	DN 40	1,10	IE5	3,5	-	8,4	25	70	IP54	16	05166957	96,88
SVP	2	02	12	G 1 1/2	DN 40	1,10	IE5	3,5	-	8,4	25	70	IP54	16	05166960	97,822
SVP	2	02	14	G 1 1/2	DN 40	1,10	IE5	3,5	-	8,4	25	70	IP54	16	05166963	100,152
SVP	2	02	16	G 1 1/2	DN 40	1,50	IE5	4,9	-	8,9	25	70	IP54	16	05166966	108,816
SVP	2	02	18	G 1 1/2	DN 40	1,50	IE5	4,9	-	8,9	25	70	IP54	16	05166969	110,674
SVP	2	04	02	G 1 1/2	DN 40	0,37	IE-	1,3	-	3,8	25	70	IP54	16	05166974	80,644
SVP	2	04	03	G 1 1/2	DN 40	0,55	IE5	1,8	-	5	25	70	IP54	16	05166977	81,456
SVP	2	04	04	G 1 1/2	DN 40	0,75	IE5	2,5	-	6,4	25	70	IP54	16	05166980	82,39
SVP	2	04	05	G 1 1/2	DN 40	0,75	IE5	2,5	-	6,4	25	70	IP54	16	05166983	86,39
SVP	2	04	06	G 1 1/2	DN 40	1,10	IE5	3,5	-	8,4	25	70	IP54	16	05166986	91,246
SVP	2	04	07	G 1 1/2	DN 40	1,10	IE5	3,5	-	8,4	25	70	IP54	16	05166989	92,532
SVP	2	04	08	G 1 1/2	DN 40	1,50	IE5	4,9	-	8,9	25	70	IP54	16	05166992	100,166
SVP	2	04	09	G 1 1/2	DN 40	1,50	IE5	4,9	-	8,9	25	70	IP54	16	05166995	101,064
SVP	2	04	10	G 1 1/2	DN 40	1,50	IE5	4,9	-	8,9	25	70	IP54	16	05166998	101,942
SVP	2	04	11	G 1 1/2	DN 40	2,20	IE5	6	-	12,8	25	70	IP54	16	05167001	111,278
SVP	2	04	12	G 1 1/2	DN 40	2,20	IE5	6	-	12,8	25	70	IP54	16	05167004	112,142

DeltaPrimo	Number of pumps	Movitec	Number of stages	DN1	DN2	P <sub>N</sub> [kW]	Efficiency class	I <sub>N</sub> [A]	Frequency of starts [x/h]	I <sub>min</sub> Overcurrent protection [A]	I <sub>max</sub> Overcurrent protection [A]	Sound pressure level [dB(A)]	Enclosure	PN	Mat. No.	[kg]
SVP	2	04	14	G 1 1/2	DN 40	2,20	IE5	6	-	12,8	25	70	IP54	16	05167007	113,836
SVP	2	04	16	G 1 1/2	DN 40	3,00	IE5	8	-	16,3	25	71	IP54	16	05167010	128,678
SVP	2	06	02	G 1 1/2	DN 40	0,55	IE5	1,8	-	5	25	70	IP54	16	05167012	80,752
SVP	2	06	03	G 1 1/2	DN 40	0,75	IE5	2,5	-	6,4	25	70	IP54	16	05167015	84,922
SVP	2	06	04	G 1 1/2	DN 40	1,10	IE5	3,5	-	8,4	25	70	IP54	16	05167018	89,906
SVP	2	06	05	G 1 1/2	DN 40	1,10	IE5	3,5	-	8,4	25	70	IP54	16	05167021	90,888
SVP	2	06	06	G 1 1/2	DN 40	1,50	IE5	4,9	-	8,9	25	70	IP54	16	05167024	99,084
SVP	2	06	07	G 1 1/2	DN 40	1,50	IE5	4,9	-	8,9	25	70	IP54	16	05167027	100,11
SVP	2	06	08	G 1 1/2	DN 40	2,20	IE5	6	-	12,8	25	70	IP54	16	05167030	109,096
SVP	2	06	09	G 1 1/2	DN 40	2,20	IE5	6	-	12,8	25	70	IP54	16	05167033	110,07
SVP	2	06	10	G 1 1/2	DN 40	2,20	IE5	6	-	12,8	25	70	IP54	16	05167036	111,562
SVP	2	06	11	G 1 1/2	DN 40	3,00	IE5	8	-	16,3	25	71	IP54	16	05167039	125,656
SVP	2	06	12	G 1 1/2	DN 40	3,00	IE5	8	-	16,3	25	71	IP54	16	05167041	126,642
SVP	2	06	14	G 1 1/2	DN 40	3,00	IE5	8	-	16,3	25	71	IP54	16	05167043	128,606
SVP	2	10	01	G 2	DN 50	0,75	IE5	2,5	-	6,4	25	70	IP54	16	05167047	108,312
SVP	2	10	02	G 2	DN 50	0,75	IE5	2,5	-	6,4	25	70	IP54	16	05167050	108,826
SVP	2	10	03	G 2	DN 50	1,10	IE5	3,5	-	8,4	25	70	IP54	16	05167053	115,108
SVP	2	10	04	G 2	DN 50	1,50	IE5	4,9	-	8,9	25	70	IP54	16	05167056	123,75
SVP	2	10	05	G 2	DN 50	2,20	IE5	6	-	12,8	25	70	IP54	16	05167059	133,566
SVP	2	10	06	G 2	DN 50	2,20	IE5	6	-	12,8	25	70	IP54	16	05167062	135,378
SVP	2	10	07	G 2	DN 50	3,00	IE5	8	-	16,3	25	71	IP54	16	05167065	150,932
SVP	2	10	08	G 2	DN 50	3,00	IE5	8	-	16,3	25	71	IP54	16	05167067	152,798
SVP	2	10	09	G 2	DN 50	4,00	IE5	10	-	16,6	25	71	IP54	16	05167069	178,406
SVP	2	10	10	G 2	DN 50	4,00	IE5	10	-	16,6	25	71	IP54	16	05167071	183,878
SVP	2	10	11	G 2	DN 50	4,00	IE5	10	-	16,6	25	71	IP54	16	05167073	185,796
SVP	2	10	13	G 2	DN 50	5,50	IE5	14	-	25,2	40	71	IP54	16	05167074	226,665
SVP	2	15	01	DN 65	DN 65	1,10	IE5	3,5	-	8,4	25	70	IP54	16	05168440	125,224
SVP	2	15	02	DN 65	DN 65	2,20	IE5	6	-	12,8	25	70	IP54	16	05168443	142,776
SVP	2	15	03	DN 65	DN 65	3,00	IE5	8	-	16,3	25	71	IP54	16	05168446	158,67
SVP	2	15	04	DN 65	DN 65	4,00	IE5	10	-	16,6	25	71	IP54	16	05168448	188,126
SVP	2	15	05	DN 65	DN 65	5,50	IE5	14	-	25,2	40	71	IP54	16	05168449	240,341
SVP	2	15	06	DN 65	DN 65	7,50	IE5	18	-	31,8	40	71	IP54	16	05168450	262,799
SVP	2	15	07	DN 65	DN 65	7,50	IE5	18	-	31,8	40	71	IP54	16	05168451	265,257
SVP	3	02	02	G 1 1/2	DN 40	0,37	IE-	1,3	-	5,2	25	70	IP54	16	05167076	109,921
SVP	3	02	03	G 1 1/2	DN 40	0,37	IE-	1,3	-	5,2	25	70	IP54	16	05167079	111,256
SVP	3	02	04	G 1 1/2	DN 40	0,37	IE-	1,3	-	5,2	25	70	IP54	16	05167082	112,654
SVP	3	02	05	G 1 1/2	DN 40	0,55	IE5	1,8	-	7	25	70	IP54	16	05167085	114,043
SVP	3	02	06	G 1 1/2	DN 40	0,55	IE5	1,8	-	7	25	70	IP54	16	05167088	115,444
SVP	3	02	07	G 1 1/2	DN 40	0,55	IE5	1,8	-	7	25	70	IP54	16	05167091	116,77
SVP	3	02	08	G 1 1/2	DN 40	0,75	IE5	2,5	-	9,1	25	70	IP54	16	05167094	118,768
SVP	3	02	09	G 1 1/2	DN 40	0,75	IE5	2,5	-	9,1	25	70	IP54	16	05167097	124,96
SVP	3	02	10	G 1 1/2	DN 40	0,75	IE5	2,5	-	9,1	25	70	IP54	16	05167100	126,394
SVP	3	02	11	G 1 1/2	DN 40	1,10	IE5	3,5	-	12,1	25	70	IP54	16	05167103	133,795
SVP	3	02	12	G 1 1/2	DN 40	1,10	IE5	3,5	-	12,1	25	70	IP54	16	05167106	135,208
SVP	3	02	14	G 1 1/2	DN 40	1,10	IE5	3,5	-	12,1	25	70	IP54	16	05167109	138,463
SVP	3	02	16	G 1 1/2	DN 40	1,50	IE5	4,9	-	12,8	25	70	IP54	16	05167112	151,459
SVP	3	02	18	G 1 1/2	DN 40	1,50	IE5	4,9	-	12,8	25	70	IP54	16	05167115	154,246
SVP	3	04	02	G 1 1/2	DN 40	0,37	IE-	1,3	-	5,2	25	70	IP54	16	05167120	109,681
SVP	3	04	03	G 1 1/2	DN 40	0,55	IE5	1,8	-	7	25	70	IP54	16	05167123	110,899
SVP	3	04	04	G 1 1/2	DN 40	0,75	IE5	2,5	-	9,1	25	70	IP54	16	05167126	112,3
SVP	3	04	05	G 1 1/2	DN 40	0,75	IE5	2,5	-	9,1	25	70	IP54	16	05167129	118,3
SVP	3	04	06	G 1 1/2	DN 40	1,10	IE5	3,5	-	12,1	25	70	IP54	16	05167132	125,584

DeltaPrimo	Number of pumps	Movitec	Number of stages	DN1	DN2	P <sub>N</sub> [kW]	Efficiency class	I <sub>N</sub> [A]	Frequency of starts [x/h]	I <sub>min</sub> Overcurrent protection [A]	I <sub>max</sub> Overcurrent protection [A]	Sound pressure level [dB(A)]	Enclosure	PN	Mat. No.	[kg]
SVP	3	04	07	G 1 1/2	DN 40	1,10	IE5	3,5	-	12,1	25	70	IP54	16	05167135	127,273
SVP	3	04	08	G 1 1/2	DN 40	1,50	IE5	4,9	-	12,8	25	70	IP54	16	05167138	138,724
SVP	3	04	09	G 1 1/2	DN 40	1,50	IE5	4,9	-	12,8	25	70	IP54	16	05167141	140,071
SVP	3	04	10	G 1 1/2	DN 40	1,50	IE5	4,9	-	12,8	25	70	IP54	16	05167144	141,388
SVP	3	04	11	G 1 1/2	DN 40	2,20	IE5	6	-	18,6	25	70	IP54	16	05167147	155,152
SVP	3	04	12	G 1 1/2	DN 40	2,20	IE5	6	-	18,6	25	70	IP54	16	05167150	156,448
SVP	3	04	14	G 1 1/2	DN 40	2,20	IE5	6	-	18,6	25	70	IP54	16	05167153	158,989
SVP	3	04	16	G 1 1/2	DN 40	3,00	IE5	8	-	24	25	71	IP54	16	05167156	181,924
SVP	3	06	02	G 2	DN 50	0,55	IE5	1,8	-	7	25	70	IP54	16	05167158	111,863
SVP	3	06	03	G 2	DN 50	0,75	IE5	2,5	-	9,1	25	70	IP54	16	05167161	118,118
SVP	3	06	04	G 2	DN 50	1,10	IE5	3,5	-	12,1	25	70	IP54	16	05167164	125,594
SVP	3	06	05	G 2	DN 50	1,10	IE5	3,5	-	12,1	25	70	IP54	16	05167167	127,067
SVP	3	06	06	G 2	DN 50	1,50	IE5	4,9	-	12,8	25	70	IP54	16	05167170	139,121
SVP	3	06	07	G 2	DN 50	1,50	IE5	4,9	-	12,8	25	70	IP54	16	05167173	140,66
SVP	3	06	08	G 2	DN 50	2,20	IE5	6	-	18,6	25	70	IP54	16	05167176	154,139
SVP	3	06	09	G 2	DN 50	2,20	IE5	6	-	18,6	25	70	IP54	16	05167179	155,6
SVP	3	06	10	G 2	DN 50	2,20	IE5	6	-	18,6	25	70	IP54	16	05167182	157,598
SVP	3	06	11	G 2	DN 50	3,00	IE5	8	-	24	25	71	IP54	16	05167185	179,411
SVP	3	06	12	G 2	DN 50	3,00	IE5	8	-	24	25	71	IP54	16	05167187	180,89
SVP	3	06	14	G 2	DN 50	3,00	IE5	8	-	24	25	71	IP54	16	05167189	183,836
SVP	3	10	01	G 2	DN 50	0,75	IE5	2,5	-	9,1	25	70	IP54	16	05167193	151,698
SVP	3	10	02	G 2	DN 50	0,75	IE5	2,5	-	9,1	25	70	IP54	16	05167196	152,469
SVP	3	10	03	G 2	DN 50	1,10	IE5	3,5	-	12,1	25	70	IP54	16	05167199	161,652
SVP	3	10	04	G 2	DN 50	1,50	IE5	4,9	-	12,8	25	70	IP54	16	05167202	174,615
SVP	3	10	05	G 2	DN 50	2,20	IE5	6	-	18,6	25	70	IP54	16	05167205	189,339
SVP	3	10	06	G 2	DN 50	2,20	IE5	6	-	18,6	25	70	IP54	16	05167208	192,057
SVP	3	10	07	G 2	DN 50	3,00	IE5	8	-	24	25	71	IP54	16	05167211	215,82
SVP	3	10	08	G 2	DN 50	3,00	IE5	8	-	24	25	71	IP54	16	05167213	218,619
SVP	3	10	09	G 2	DN 50	4,00	IE5	10	-	24,4	25	71	IP54	16	05167215	256,731
SVP	3	10	10	G 2	DN 50	4,00	IE5	10	-	24,4	25	71	IP54	16	05167217	263,164
SVP	3	10	11	G 2	DN 50	4,00	IE5	10	-	24,4	25	71	IP54	16	05167219	266,041
SVP	3	10	13	G 2	DN 50	5,50	IE5	14	-	37,3	40	71	IP54	16	05167220	326,625
SVP	3	15	01	DN 65	DN 65	1,10	IE5	3,5	-	12,1	25	70	IP54	16	05168453	176,126
SVP	3	15	02	DN 65	DN 65	2,20	IE5	6	-	18,6	25	70	IP54	16	05168456	202,214
SVP	3	15	03	DN 65	DN 65	3,00	IE5	8	-	24	25	71	IP54	16	05168459	226,727
SVP	3	15	04	DN 65	DN 65	4,00	IE5	10	-	24,4	25	71	IP54	16	05168461	268,596
SVP	3	15	05	DN 65	DN 65	5,50	IE5	14	-	37,3	40	71	IP54	16	05168462	346,199
SVP	3	15	06	DN 65	DN 65	7,50	IE5	18	-	47,1	50	71	IP54	16	05168463	379,886
SVP	3	15	07	DN 65	DN 65	7,50	IE5	18	-	47,1	50	71	IP54	16	05168464	383,573
SVP	4	02	02	G 1 1/2	DN 40	0,37	IE-	1,3	-	6,6	25	70	IP54	16	05167222	142,109
SVP	4	02	03	G 1 1/2	DN 40	0,37	IE-	1,3	-	6,6	25	70	IP54	16	05167224	143,889
SVP	4	02	04	G 1 1/2	DN 40	0,37	IE-	1,3	-	6,6	25	70	IP54	16	05167226	145,753
SVP	4	02	05	G 1 1/2	DN 40	0,55	IE5	1,8	-	9,0	25	70	IP54	16	05167228	147,605
SVP	4	02	06	G 1 1/2	DN 40	0,55	IE5	1,8	-	9,0	25	70	IP54	16	05167230	149,473
SVP	4	02	07	G 1 1/2	DN 40	0,55	IE5	1,8	-	9,0	25	70	IP54	16	05167232	151,241
SVP	4	02	08	G 1 1/2	DN 40	0,75	IE5	2,5	-	11,8	25	70	IP54	16	05167234	153,745
SVP	4	02	09	G 1 1/2	DN 40	0,75	IE5	2,5	-	11,8	25	70	IP54	16	05167236	162,001
SVP	4	02	10	G 1 1/2	DN 40	0,75	IE5	2,5	-	11,8	25	70	IP54	16	05167238	163,913
SVP	4	02	11	G 1 1/2	DN 40	1,10	IE5	3,5	-	15,8	25	70	IP54	16	05167240	173,781
SVP	4	02	12	G 1 1/2	DN 40	1,10	IE5	3,5	-	15,8	25	70	IP54	16	05167242	175,665
SVP	4	02	14	G 1 1/2	DN 40	1,10	IE5	3,5	-	15,8	25	70	IP54	16	05167244	179,845
SVP	4	02	16	G 1 1/2	DN 40	1,50	IE5	4,9	-	16,7	25	70	IP54	16	05167246	197,173

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DeltaPrimo	Number of pumps	Movitec	Number of stages	DN1	DN2	P <sub>N</sub> [kW]	Efficiency class	I <sub>N</sub> [A]	Frequency of starts [x/h]	I <sub>min</sub> Overcurrent protection [A]	I <sub>max</sub> Overcurrent protection [A]	Sound pressure level [dB(A)]	Enclosure	PN	Mat. No.	[kg]
SVP	4	02	18	G 1 1/2	DN 40	1,50	IE5	4,9	-	16,7	25	70	IP54	16	05167248	200,889
SVP	4	04	02	G 1 1/2	DN 40	0,37	IE-	1,3	-	6,6	25	70	IP54	16	05167252	141,789
SVP	4	04	03	G 1 1/2	DN 40	0,55	IE5	1,8	-	9,0	25	70	IP54	16	05167254	143,413
SVP	4	04	04	G 1 1/2	DN 40	0,75	IE5	2,5	-	11,8	25	70	IP54	16	05167256	145,281
SVP	4	04	05	G 1 1/2	DN 40	0,75	IE5	2,5	-	11,8	25	70	IP54	16	05167258	153,281
SVP	4	04	06	G 1 1/2	DN 40	1,10	IE5	3,5	-	15,8	25	70	IP54	16	05167260	162,993
SVP	4	04	07	G 1 1/2	DN 40	1,10	IE5	3,5	-	15,8	25	70	IP54	16	05167262	165,085
SVP	4	04	08	G 1 1/2	DN 40	1,50	IE5	4,9	-	16,7	25	70	IP54	16	05167264	180,353
SVP	4	04	09	G 1 1/2	DN 40	1,50	IE5	4,9	-	16,7	25	70	IP54	16	05167266	182,149
SVP	4	04	10	G 1 1/2	DN 40	1,50	IE5	4,9	-	16,7	25	70	IP54	16	05167268	183,905
SVP	4	04	11	G 1 1/2	DN 40	2,20	IE5	6	-	24,5	25	70	IP54	16	05167270	202,941
SVP	4	04	12	G 1 1/2	DN 40	2,20	IE5	6	-	24,5	25	70	IP54	16	05167272	204,669
SVP	4	04	14	G 1 1/2	DN 40	2,20	IE5	6	-	24,5	25	70	IP54	16	05167274	208,057
SVP	4	04	16	G 1 1/2	DN 40	3,00	IE5	8	-	31,7	40	71	IP54	16	05167276	239,087
SVP	4	06	02	G 2	DN 50	0,55	IE5	1,8	-	9,0	25	70	IP54	16	05167278	144,595
SVP	4	06	03	G 2	DN 50	0,75	IE5	2,5	-	11,8	25	70	IP54	16	05167280	152,935
SVP	4	06	04	G 2	DN 50	1,10	IE5	3,5	-	15,8	25	70	IP54	16	05167282	162,903
SVP	4	06	05	G 2	DN 50	1,10	IE5	3,5	-	15,8	25	70	IP54	16	05167284	164,867
SVP	4	06	06	G 2	DN 50	1,50	IE5	4,9	-	16,7	25	70	IP54	16	05167286	180,779
SVP	4	06	07	G 2	DN 50	1,50	IE5	4,9	-	16,7	25	70	IP54	16	05167288	182,831
SVP	4	06	08	G 2	DN 50	2,20	IE5	6	-	24,5	25	70	IP54	16	05167290	201,647
SVP	4	06	09	G 2	DN 50	2,20	IE5	6	-	24,5	25	70	IP54	16	05167292	203,595
SVP	4	06	10	G 2	DN 50	2,20	IE5	6	-	24,5	25	70	IP54	16	05167294	206,099
SVP	4	06	11	G 2	DN 50	3,00	IE5	8	-	31,7	40	71	IP54	16	05167296	235,633
SVP	4	06	12	G 2	DN 50	3,00	IE5	8	-	31,7	40	71	IP54	16	05167298	237,605
SVP	4	06	14	G 2	DN 50	3,00	IE5	8	-	31,7	40	71	IP54	16	05167300	241,533
SVP	4	10	01	DN 65	DN 65	0,75	IE5	2,5	-	11,8	25	70	IP54	16	05167304	201,165
SVP	4	10	02	DN 65	DN 65	0,75	IE5	2,5	-	11,8	25	70	IP54	16	05167306	202,193
SVP	4	10	03	DN 65	DN 65	1,10	IE5	3,5	-	15,8	25	70	IP54	16	05167308	214,277
SVP	4	10	04	DN 65	DN 65	1,50	IE5	4,9	-	16,7	25	70	IP54	16	05167310	231,561
SVP	4	10	05	DN 65	DN 65	2,20	IE5	6	-	24,5	25	70	IP54	16	05167312	252,037
SVP	4	10	06	DN 65	DN 65	2,20	IE5	6	-	24,5	25	70	IP54	16	05167314	255,661
SVP	4	10	07	DN 65	DN 65	3,00	IE5	8	-	31,7	40	71	IP54	16	05167316	287,635
SVP	4	10	08	DN 65	DN 65	3,00	IE5	8	-	31,7	40	71	IP54	16	05167318	291,367
SVP	4	10	09	DN 65	DN 65	4,00	IE5	10	-	32,2	40	71	IP54	16	05167320	340,647
SVP	4	10	10	DN 65	DN 65	4,00	IE5	10	-	32,2	40	71	IP54	16	05167322	348,041
SVP	4	10	11	DN 65	DN 65	4,00	IE5	10	-	32,2	40	71	IP54	16	05167324	351,877
SVP	4	10	13	DN 65	DN 65	5,50	IE5	14	-	49,4	50	71	IP54	16	05167325	432,659
SVP	4	15	01	DN 100	DN 100	1,10	IE5	3,5	-	15,8	25	70	IP54	16	05168466	232,869
SVP	4	15	02	DN 100	DN 100	2,20	IE5	6	-	24,5	25	70	IP54	16	05168468	268,337
SVP	4	15	03	DN 100	DN 100	3,00	IE5	8	-	31,7	40	71	IP54	16	05168470	301,471
SVP	4	15	04	DN 100	DN 100	4,00	IE5	10	-	32,2	40	71	IP54	16	05168472	354,417
SVP	4	15	05	DN 100	DN 100	5,50	IE5	14	-	49,4	50	71	IP54	16	05168473	457,891
SVP	4	15	06	DN 100	DN 100	7,50	IE5	18	-	62,5	63	71	IP54	16	05168474	502,807
SVP	4	15	07	DN 100	DN 100	7,50	IE5	18	-	62,5	63	71	IP54	16	05168475	507,723

## Selection information

### Selection example

#### Requirements:

Required duty point:

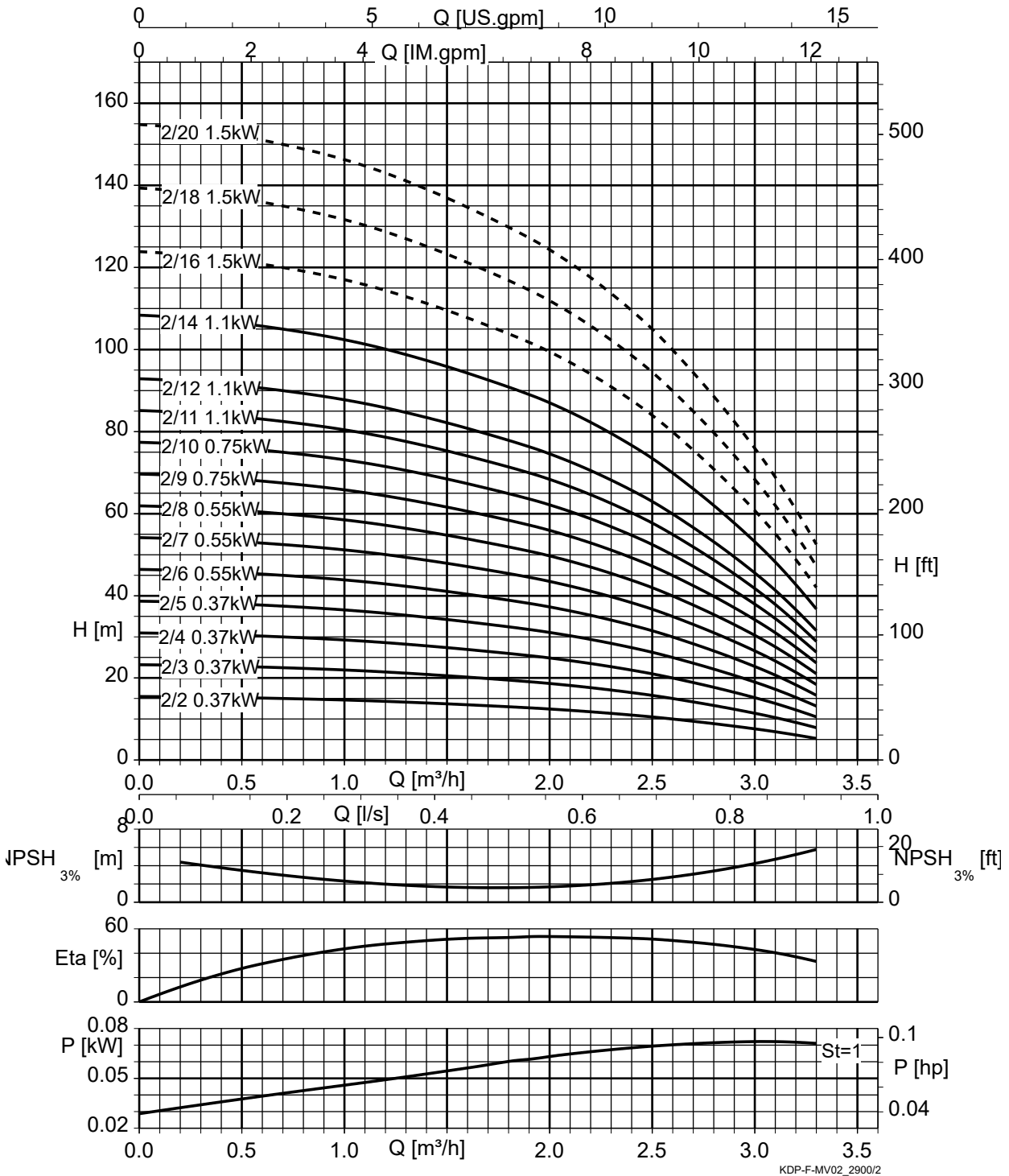
- 2 duty pumps and 1 stand-by pump
- Flow rate: 5 m<sup>3</sup>/h
- Head: 50 m
- Inlet pressure: 1 bar

#### Solution:

1. Subtract the inlet pressure of 1 bar (approx. 10 m) from the head.
  - ⇒ This results in a required head of 40 m.
2. Divide the flow rate required by the number of duty pumps. Transfer the values to the characteristic curves diagram to select the corresponding pump.
  - ⇒ This results in the selection of a DeltaPrimo F/VC/SVP 3/0605.

Characteristic curves

DeltaPrimo F, Movitec 02, n = 2900 rpm

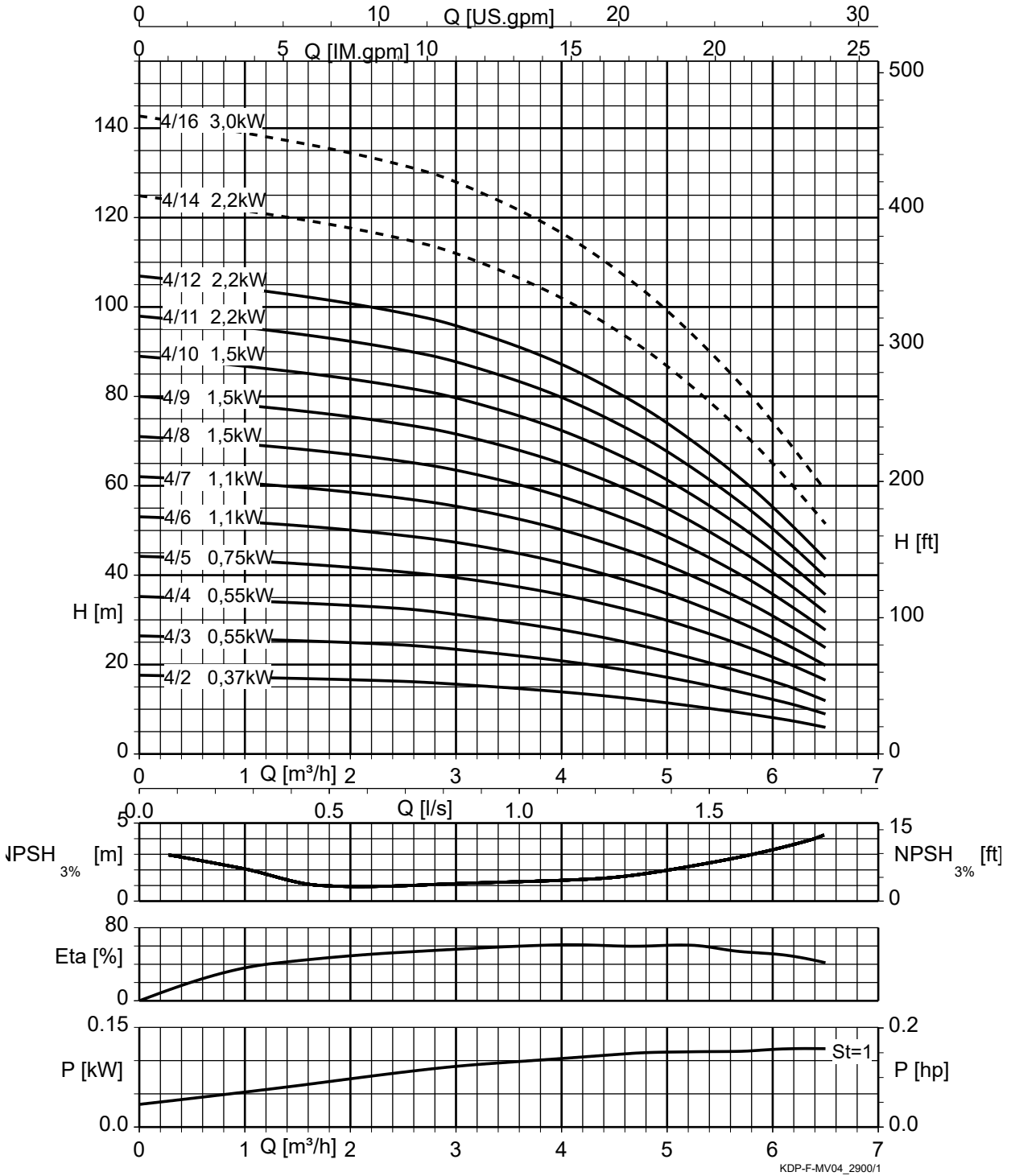


St = 1	P per stage
-----	For inlet condition F only

1983.511/10-EN

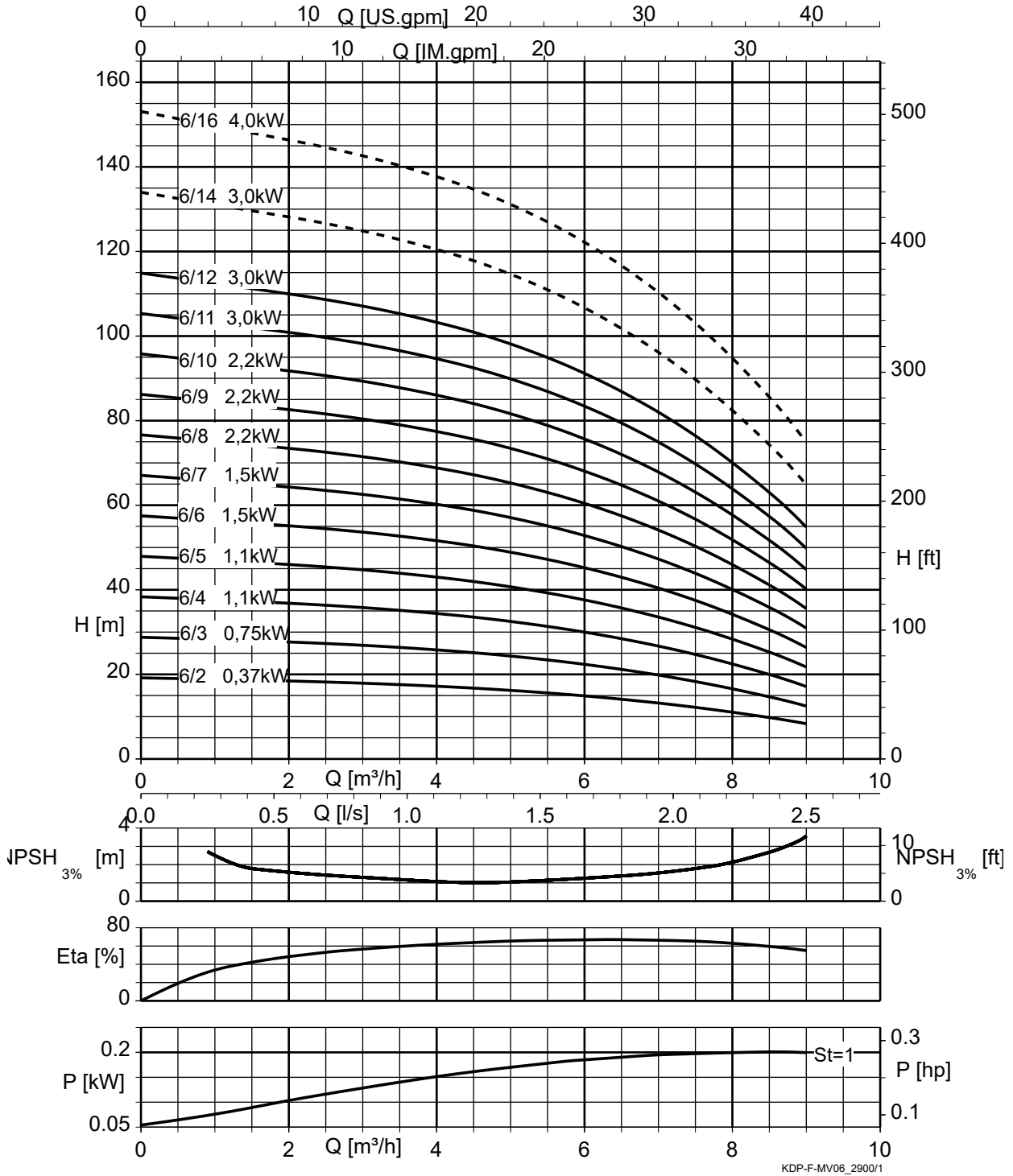


DeltaPrimo F, Movitec 04, n = 2900 rpm



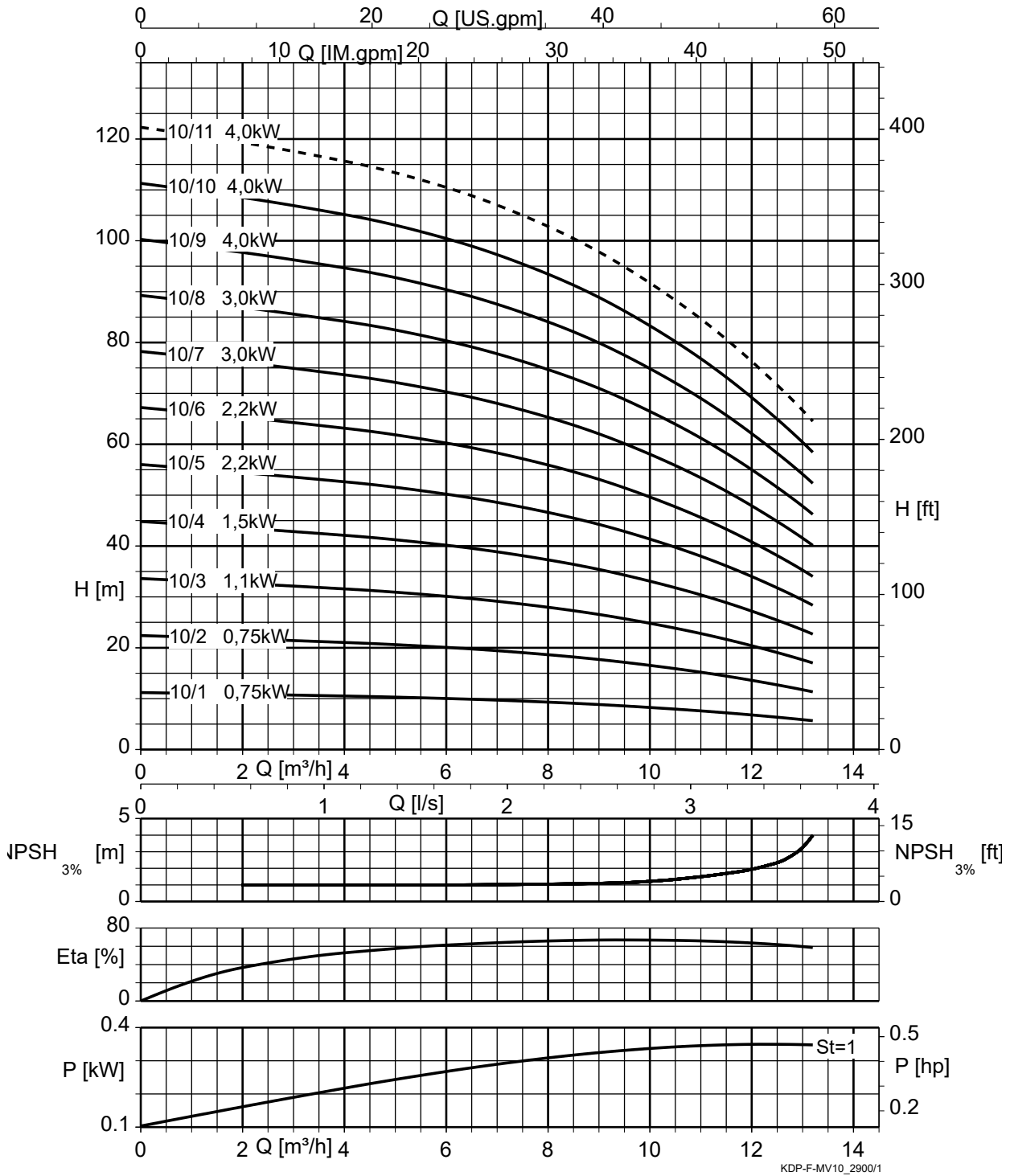
St = 1	P per stage
-----	For inlet condition F only

DeltaPrimo F, Movitec 06, n = 2900 rpm



St = 1	P per stage
-----	For inlet condition F only

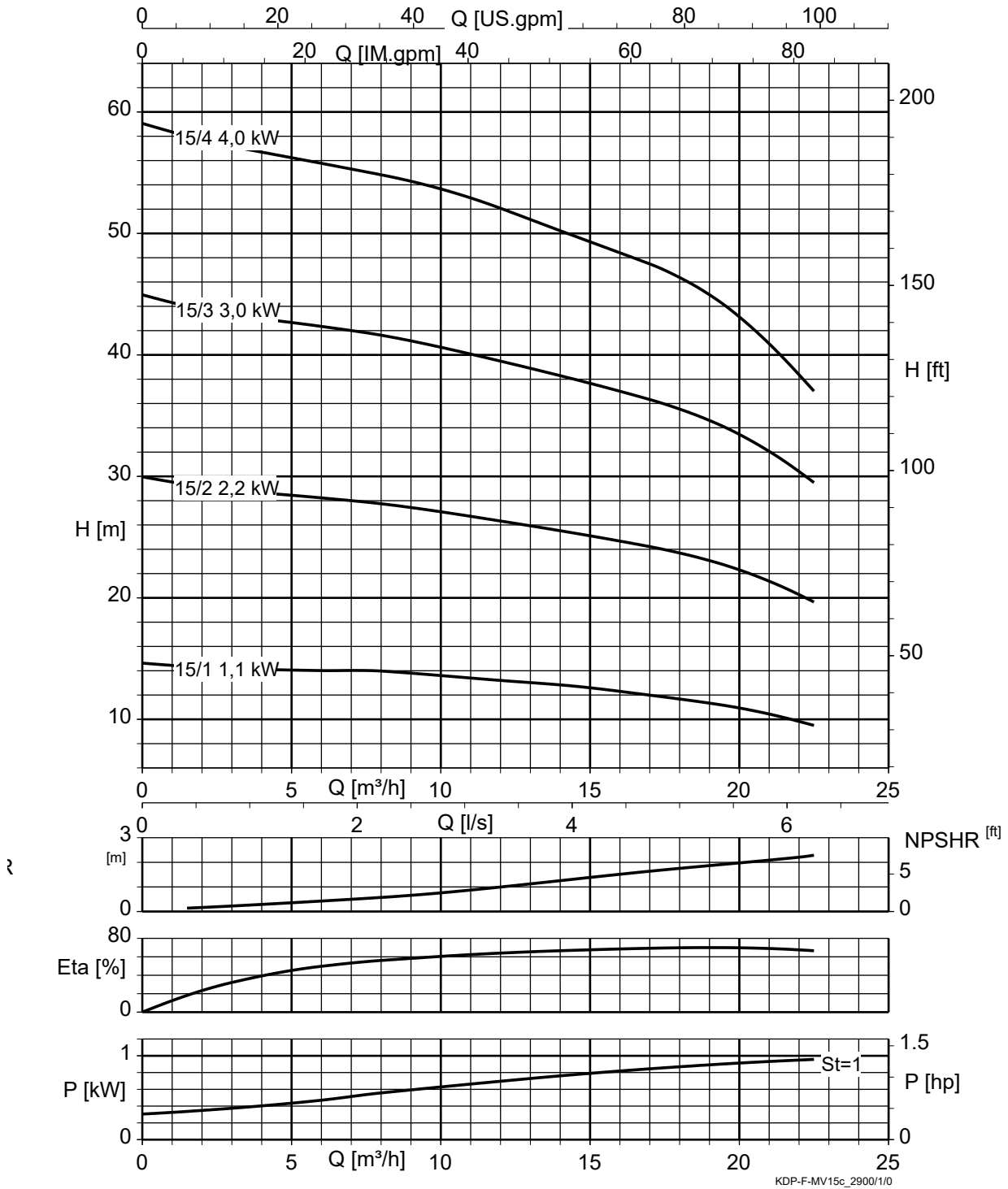
DeltaPrimo F, Movitec 10, n = 2900 rpm



St = 1 P per stage

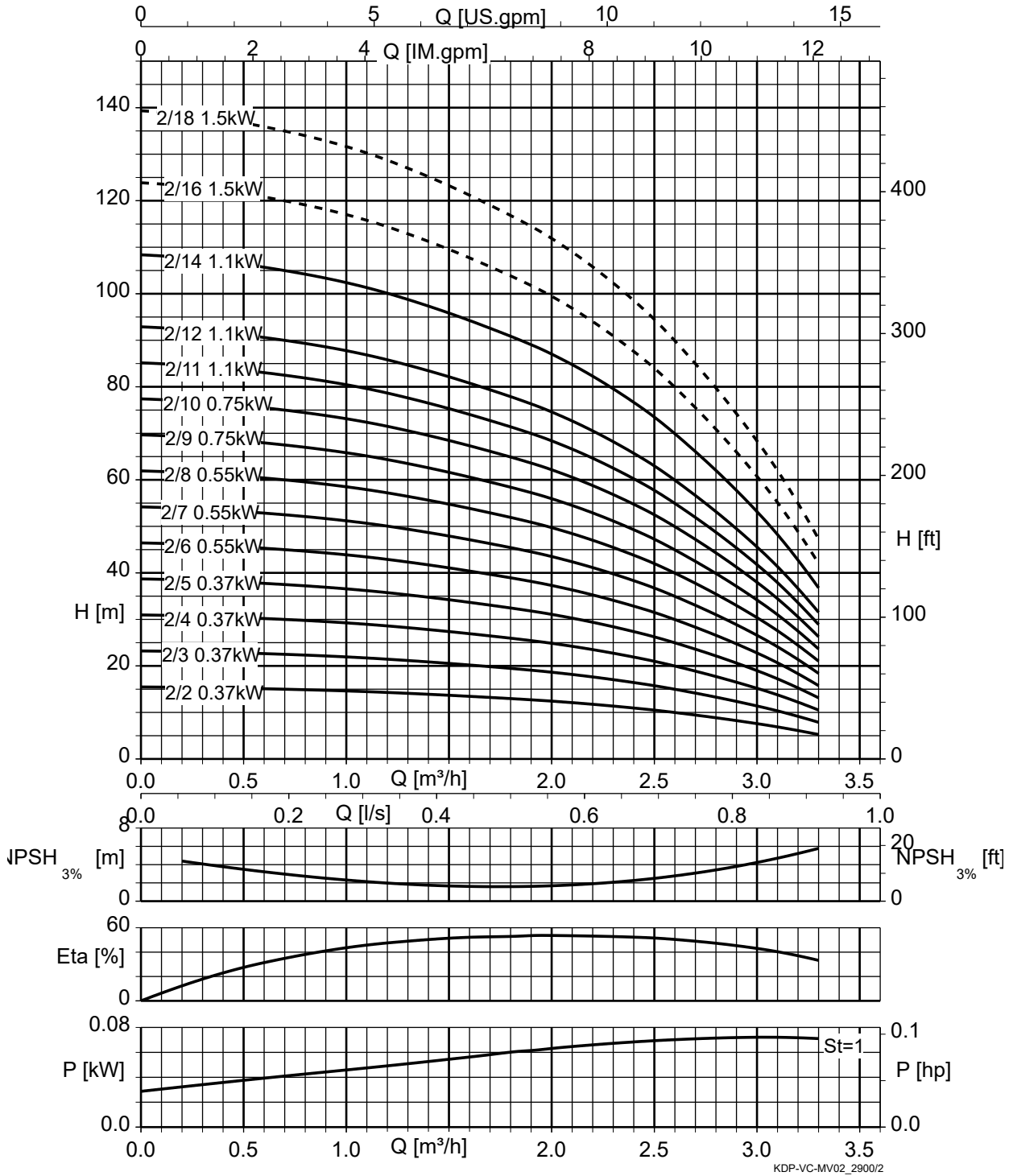
----- For inlet condition F only

DeltaPrimo F, Movitec 15, n = 2900 rpm



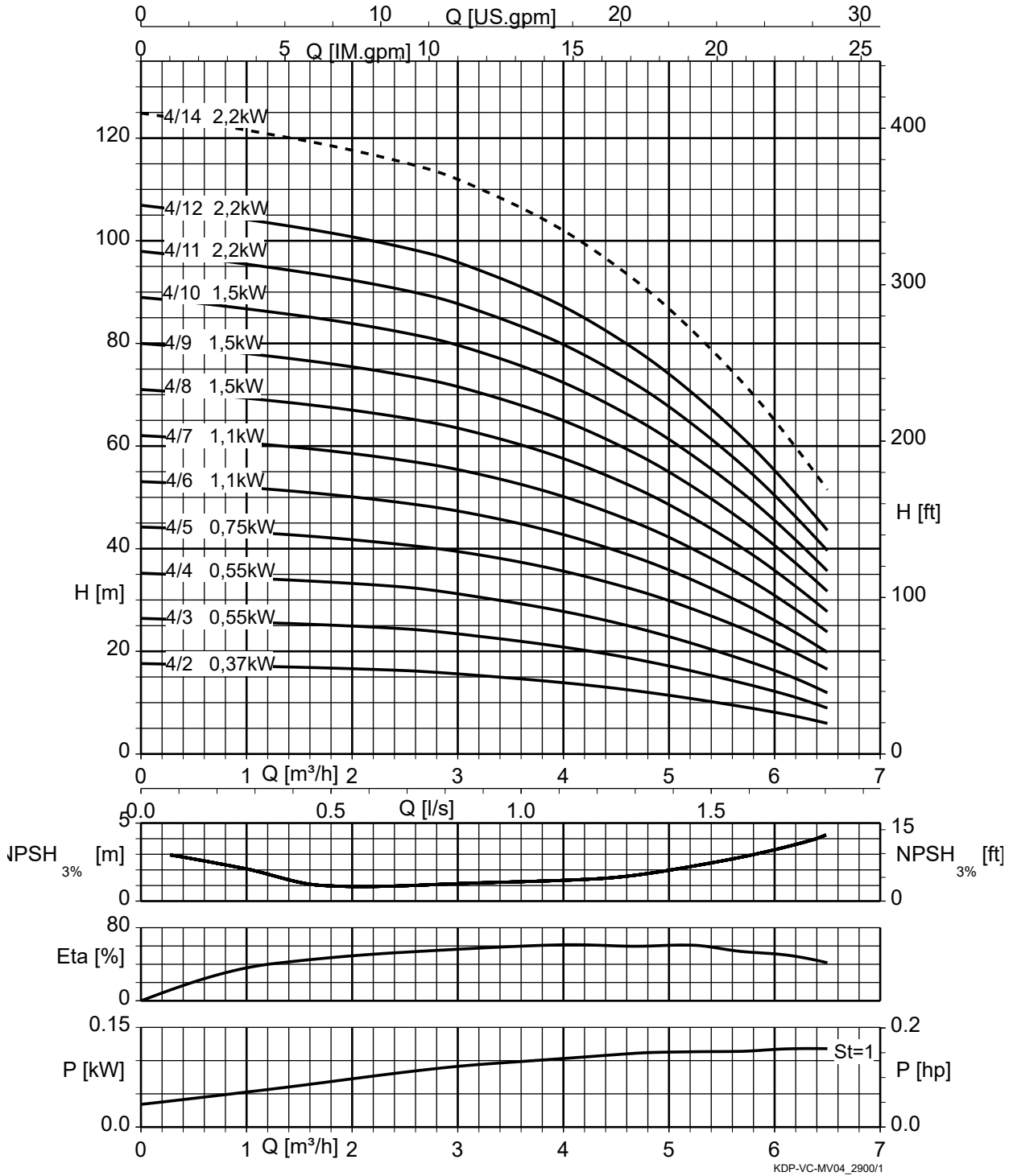
St = 1 | P per stage

DeltaPrimo VC, Movitec 02, n = 2900 rpm



St = 1	P per stage
-----	For inlet condition F only

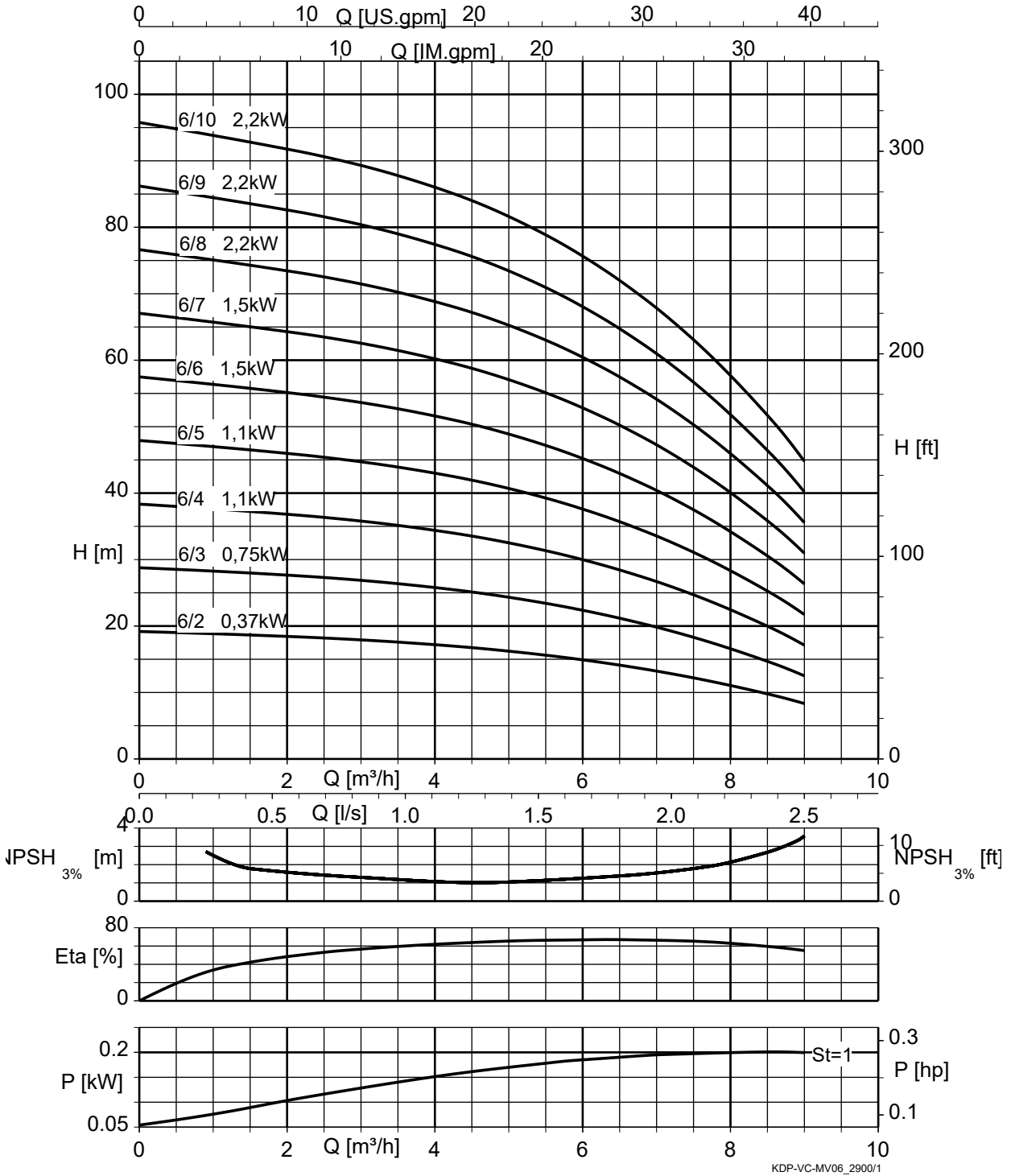
DeltaPrimo VC, Movitec 04, n = 2900 rpm



St = 1 P per stage

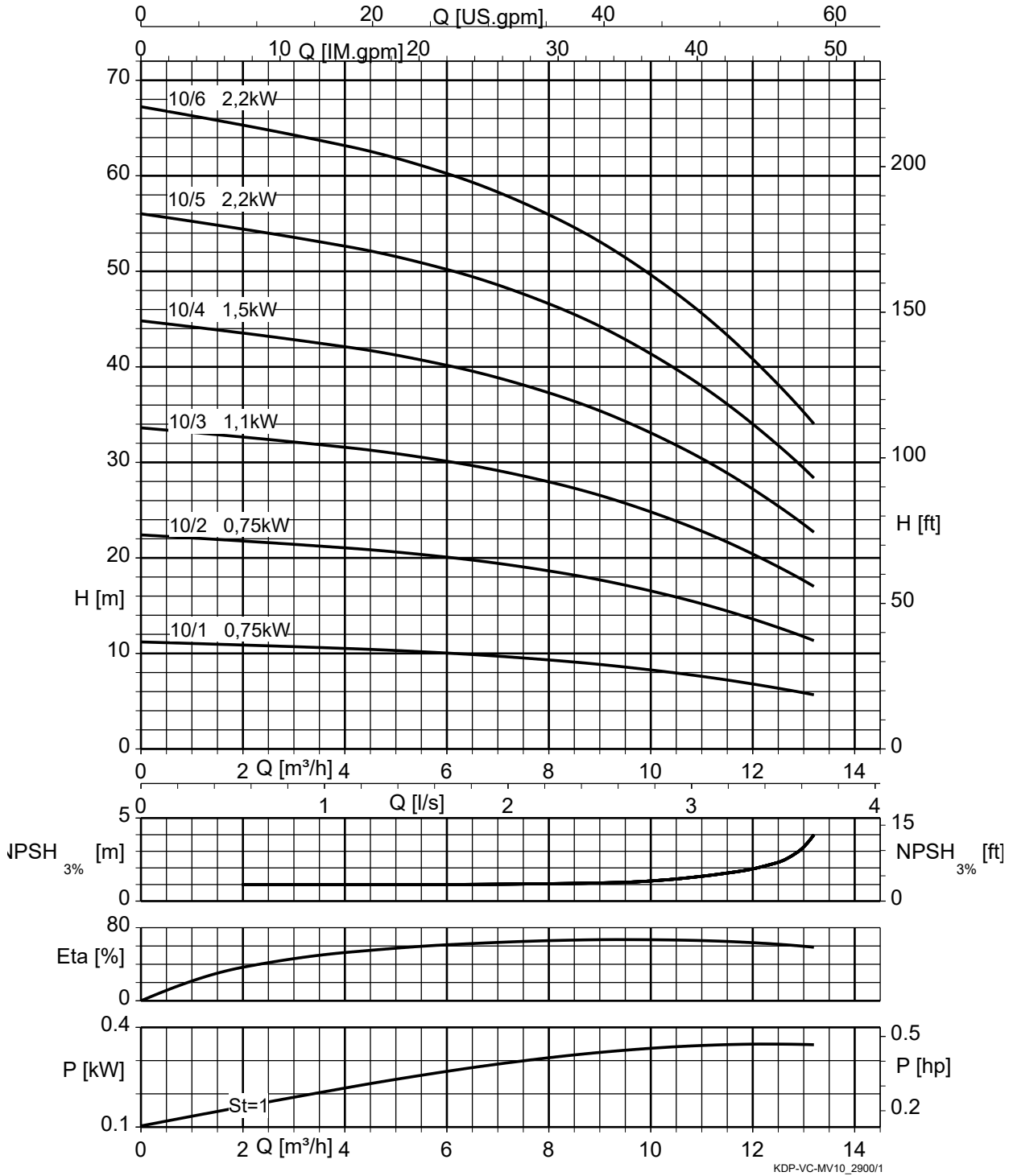
----- For inlet condition F only

DeltaPrimo VC, Movitec 06, n = 2900 rpm



St = 1 | P per stage

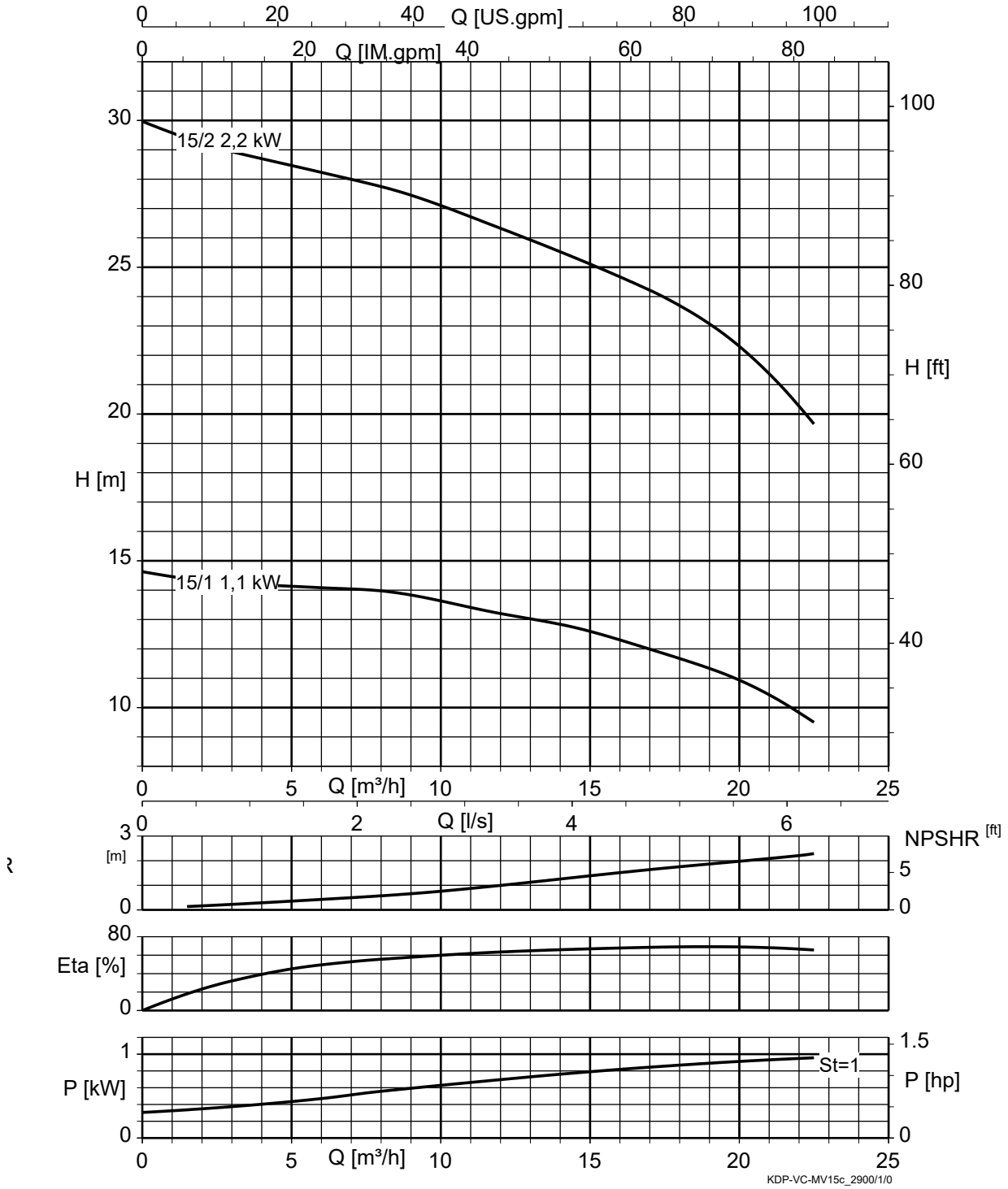
DeltaPrimo VC, Movitec 10, n = 2900 rpm



St = 1 | P per stage

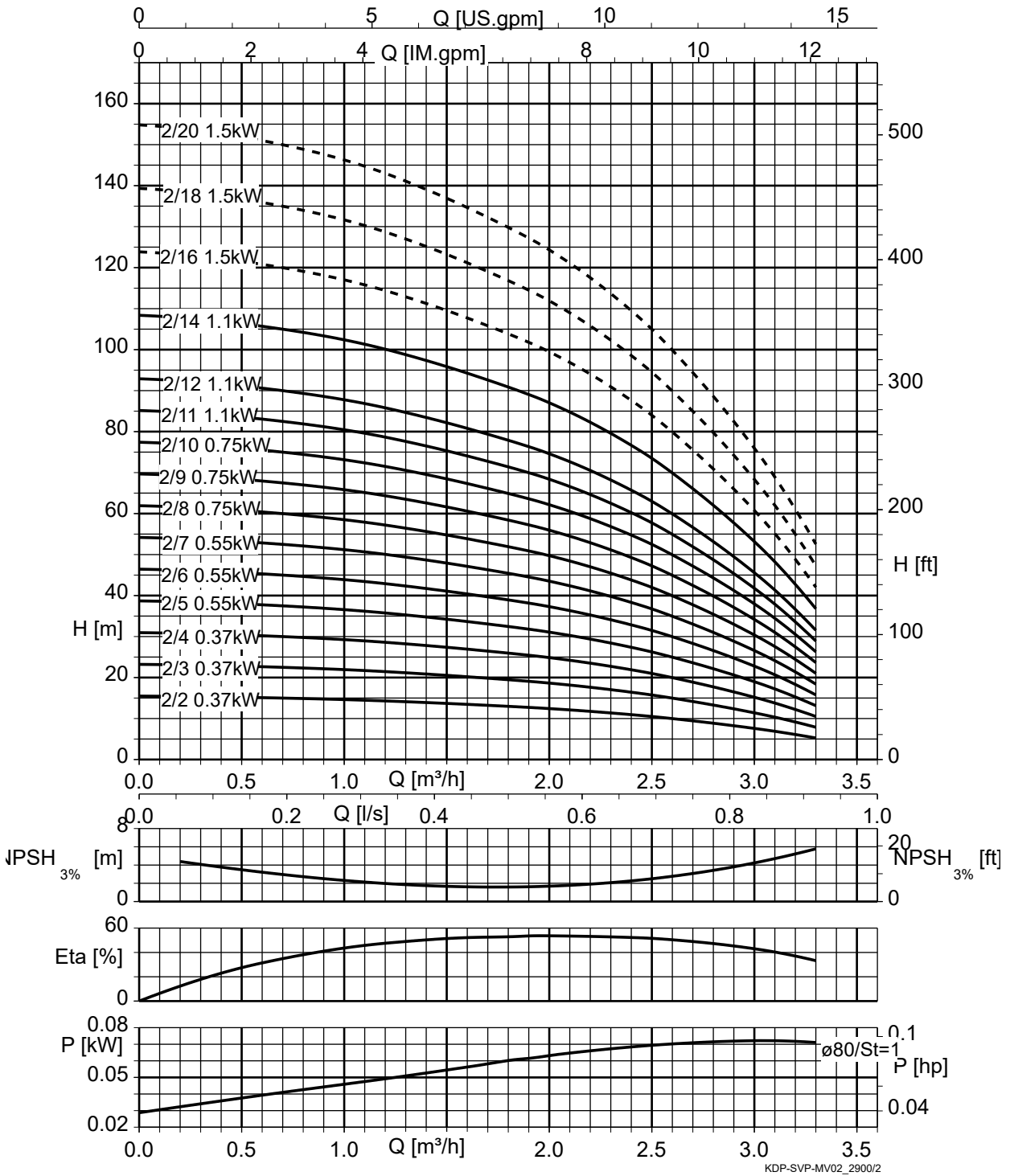


DeltaPrimo VC, Movitec 15, n = 2900 rpm



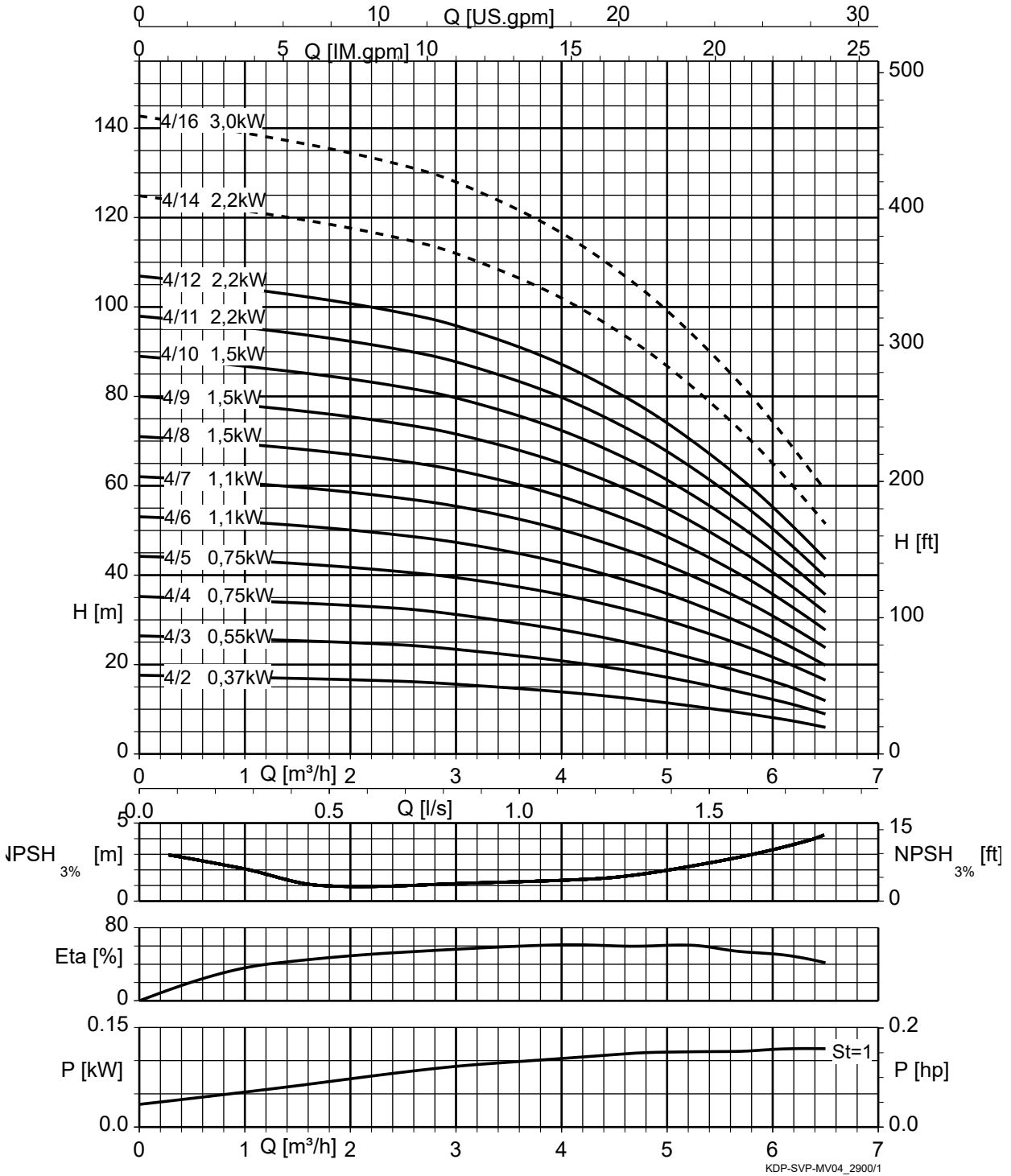
St = 1 | P per stage

DeltaPrimo SVP, Movitec 02, n = 2900 rpm



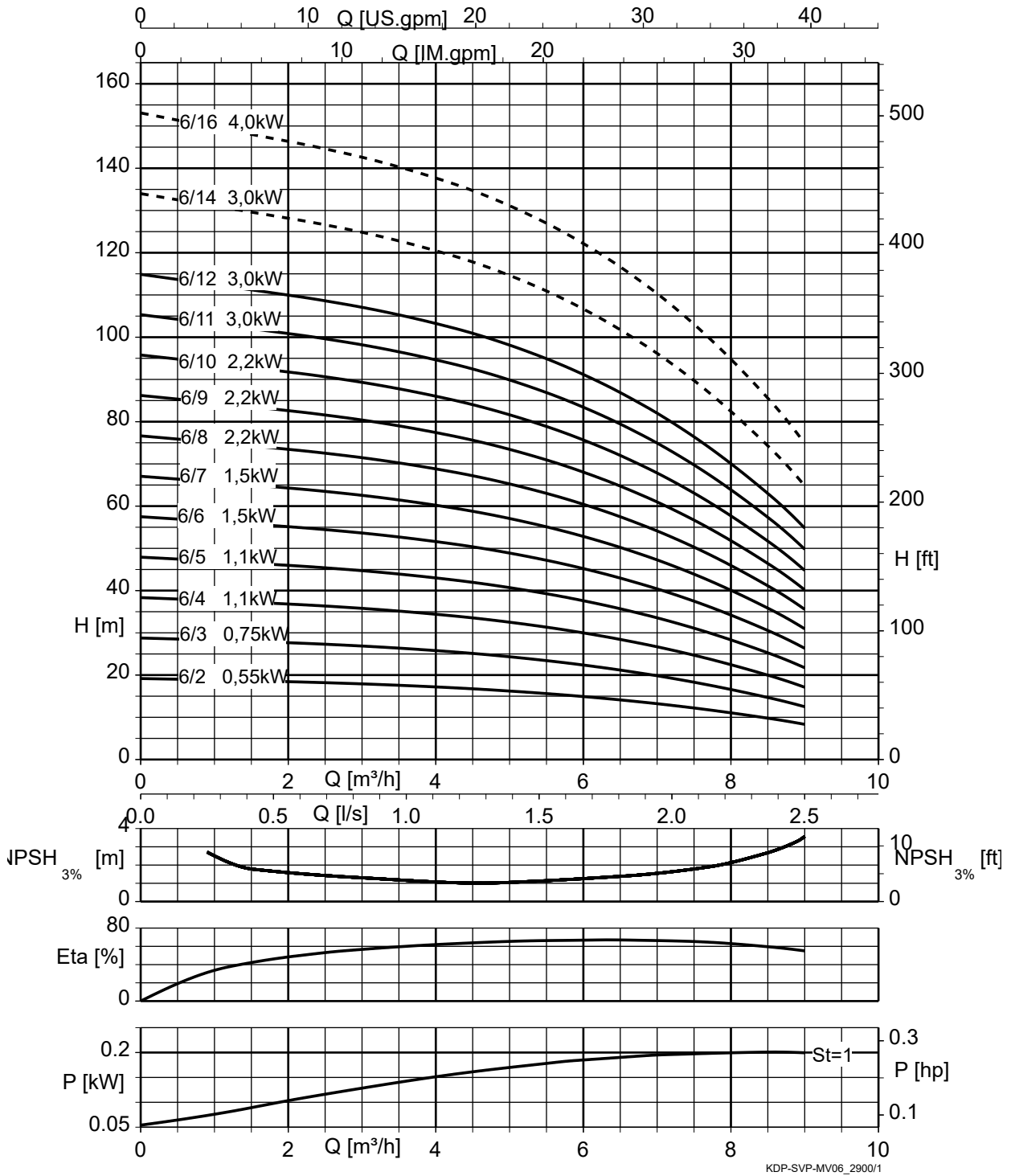
St = 1	P per stage
-----	For inlet condition F only

DeltaPrimo SVP, Movitec 04, n = 2900 rpm



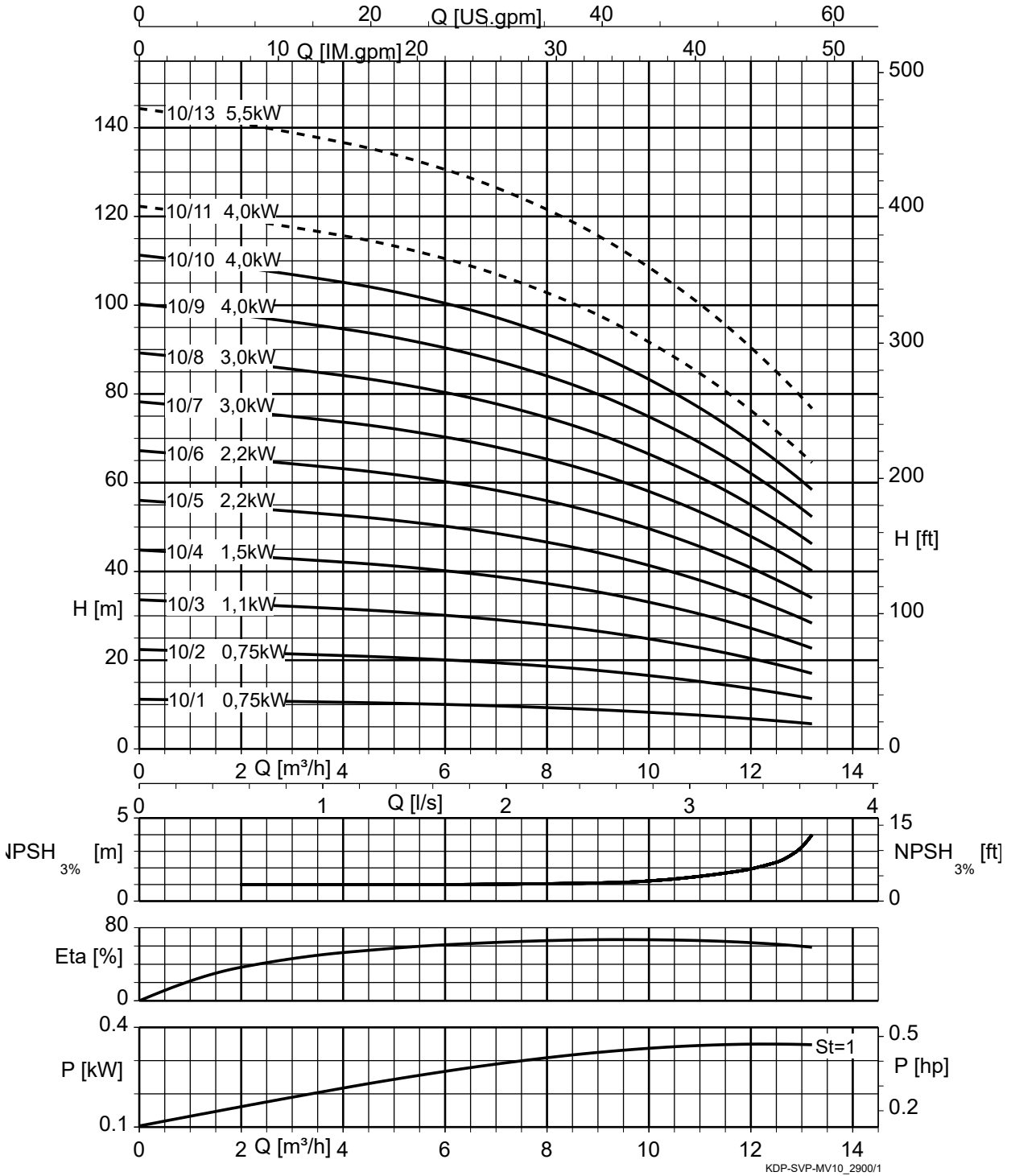
St = 1	P per stage
-----	For inlet condition F only

DeltaPrimo SVP, Movitec 06, n = 2900 rpm



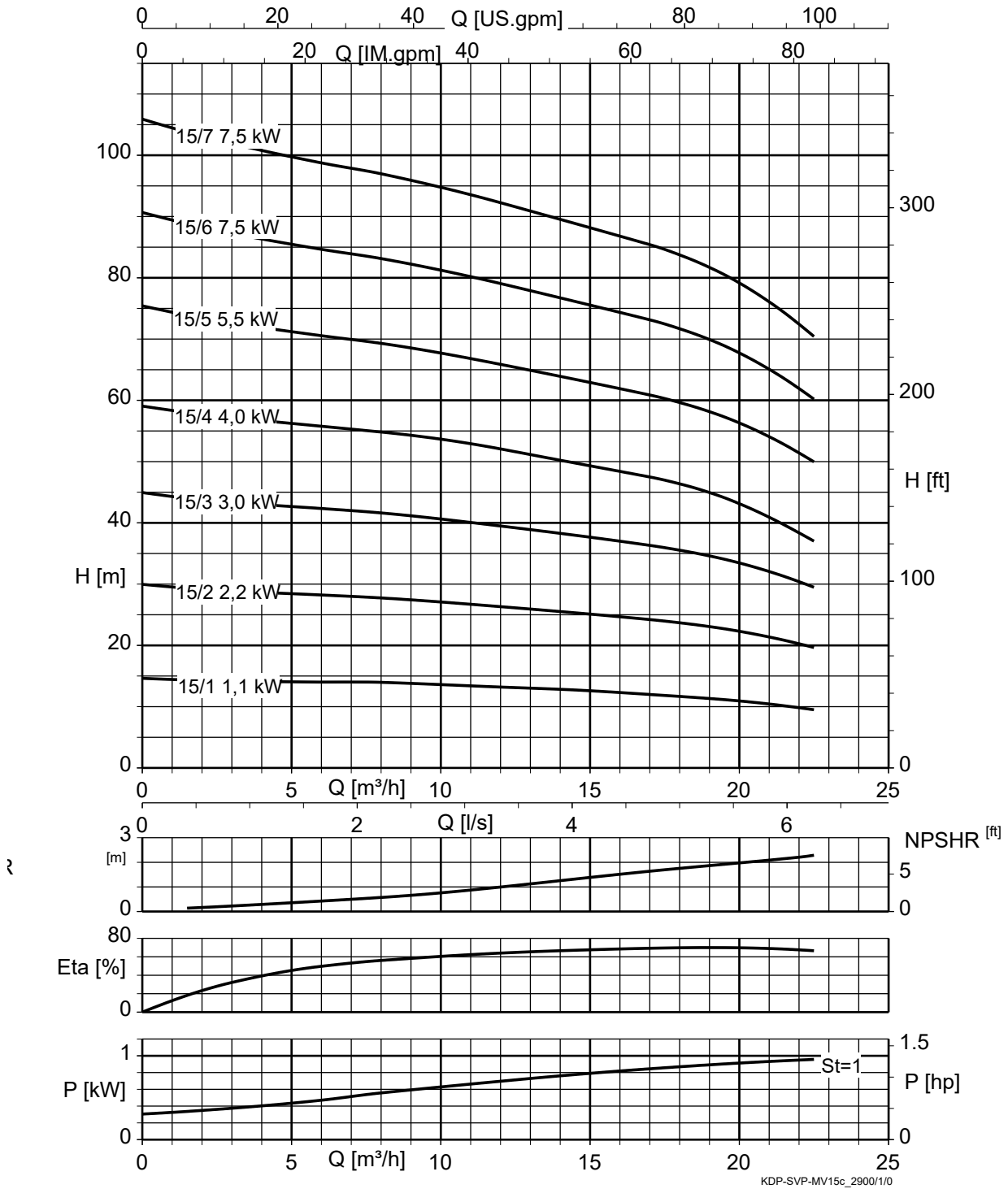
St = 1	P per stage
-----	For inlet condition F only

DeltaPrimo SVP, Movitec 10, n = 2900 rpm



St = 1	P per stage
-----	For inlet condition F only

DeltaPrimo SVP, Movitec 15, n = 2900 rpm



St = 1 | P per stage

Dimensions and connections

DeltaPrimo F 2, Movitec 02 / 04 / 06

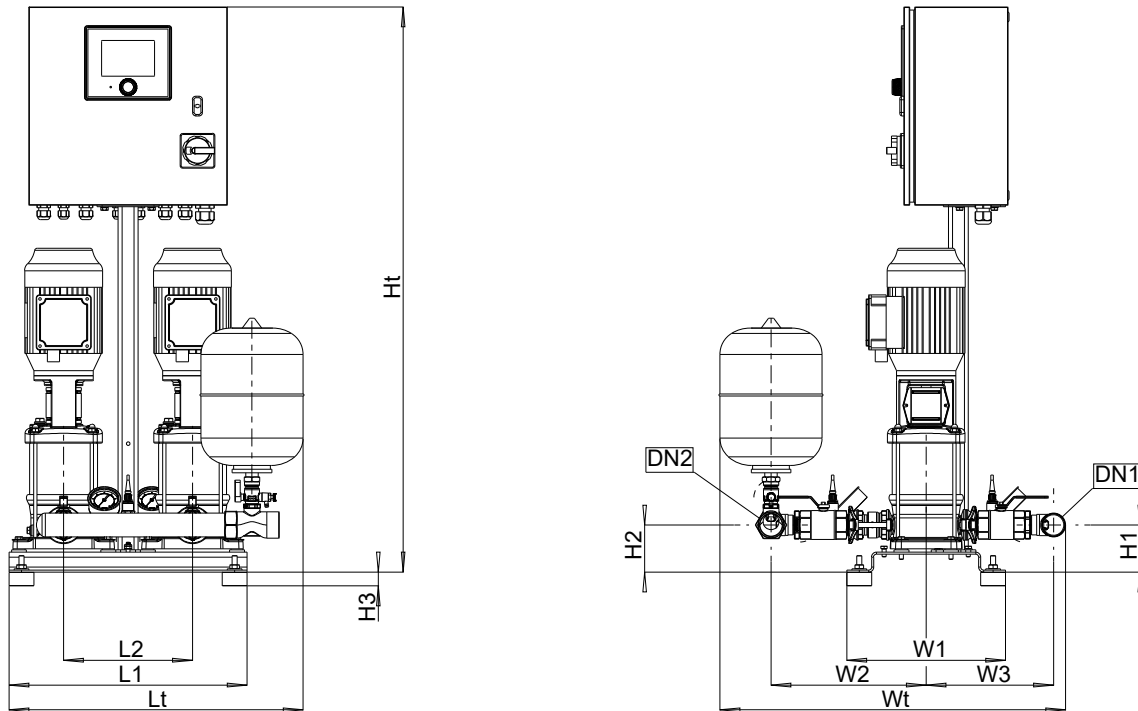


Fig. 8: Dimensions

Table 12: Dimensions [mm] and connections

Number of pumps	Movitec	Number of stages	DN1	DN2	L1	L2	Lt	H1	H2	H3	Ht	W1	W2	W3	Wt
2	02	02	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1140	320	291	235	653
2	02	03	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1140	320	291	235	653
2	02	04	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1140	320	291	235	653
2	02	05	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1140	320	291	235	653
2	02	06	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1140	320	291	235	653
2	02	07	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1140	320	291	235	653
2	02	08	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1290	320	291	235	653
2	02	09	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1290	320	291	235	653
2	02	10	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1290	320	291	235	653
2	02	11	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1290	320	291	235	653
2	02	12	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1290	320	291	235	653
2	02	14	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1440	320	291	235	653
2	04	02	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1140	320	291	235	653
2	04	03	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1140	320	291	235	653
2	04	04	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1140	320	291	235	653
2	04	05	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1140	320	291	235	653
2	04	06	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1140	320	291	235	653
2	04	07	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1290	320	291	235	653
2	04	08	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1290	320	291	235	653
2	04	09	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1290	320	291	235	653
2	04	10	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1290	320	291	235	653
2	04	11	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1440	320	291	235	653
2	04	12	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1440	320	291	235	653
2	06	02	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1140	320	305	249	681
2	06	03	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1140	320	305	249	681

Number of pumps	Movitec	Number of stages	DN1	DN2	L1	L2	Lt	H1	H2	H3	Ht	W1	W2	W3	Wt
2	06	04	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1140	320	305	249	681
2	06	05	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1140	320	305	249	681
2	06	06	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1290	320	305	249	681
2	06	07	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1290	320	305	249	681
2	06	08	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1290	320	305	249	681
2	06	09	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1290	320	305	249	681
2	06	10	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1440	320	305	249	681
2	06	11	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1440	320	305	249	681
2	06	12	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1440	320	305	249	681



DeltaPrimo F 2, Movitec 10

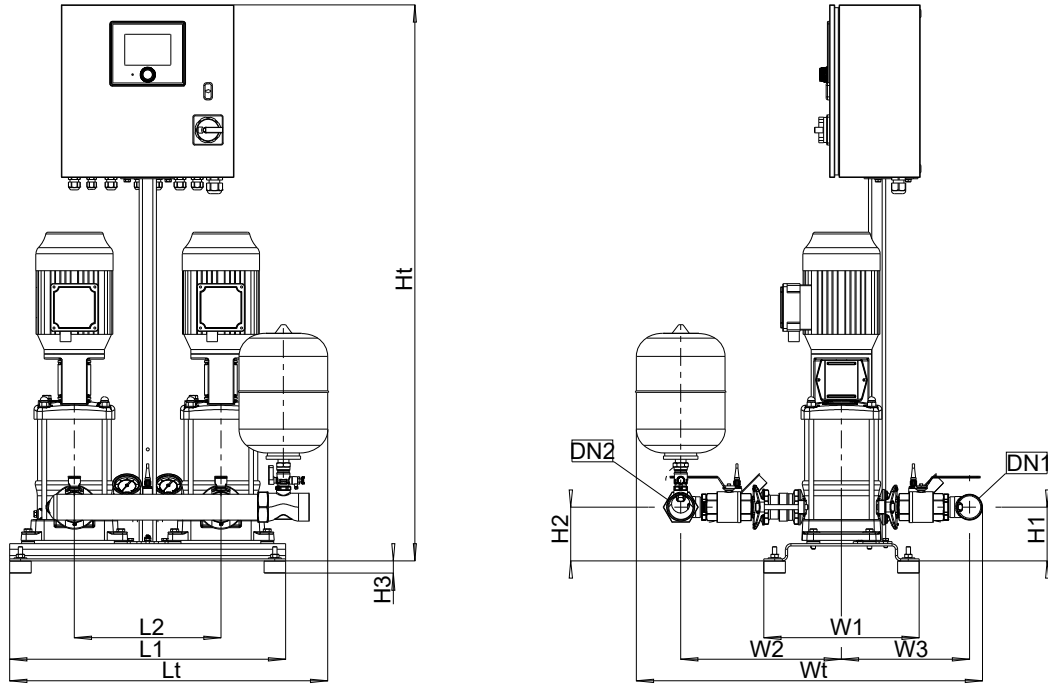


Fig. 9: Dimensions

Table 13: Dimensions [mm] and connections

Number of pumps	Movitec	Number of stages	DN1	DN2	L1	L2	Lt	H1	H2	H3	Ht	W1	W2	W3	Wt
2	10	01	G 2	G 2	640	340	739	125	125	28	1140	360	373	297	803
2	10	02	G 2	G 2	640	340	739	125	125	28	1140	360	373	297	803
2	10	03	G 2	G 2	640	340	739	125	125	28	1290	360	373	297	803
2	10	04	G 2	G 2	640	340	739	125	125	28	1290	360	373	297	803
2	10	05	G 2	G 2	640	340	739	125	125	28	1290	360	373	297	803
2	10	06	G 2	G 2	640	340	739	125	125	28	1440	360	373	297	803
2	10	07	G 2	G 2	640	340	739	125	125	28	1440	360	373	297	803
2	10	08	G 2	G 2	640	340	739	125	125	28	1440	360	373	297	803
2	10	09	G 2	G 2	640	340	739	125	125	28	1440	360	373	297	803
2	10	10	G 2	G 2	640	340	739	125	125	28	1690	360	373	297	803

DeltaPrimo F 2, Movitec 15

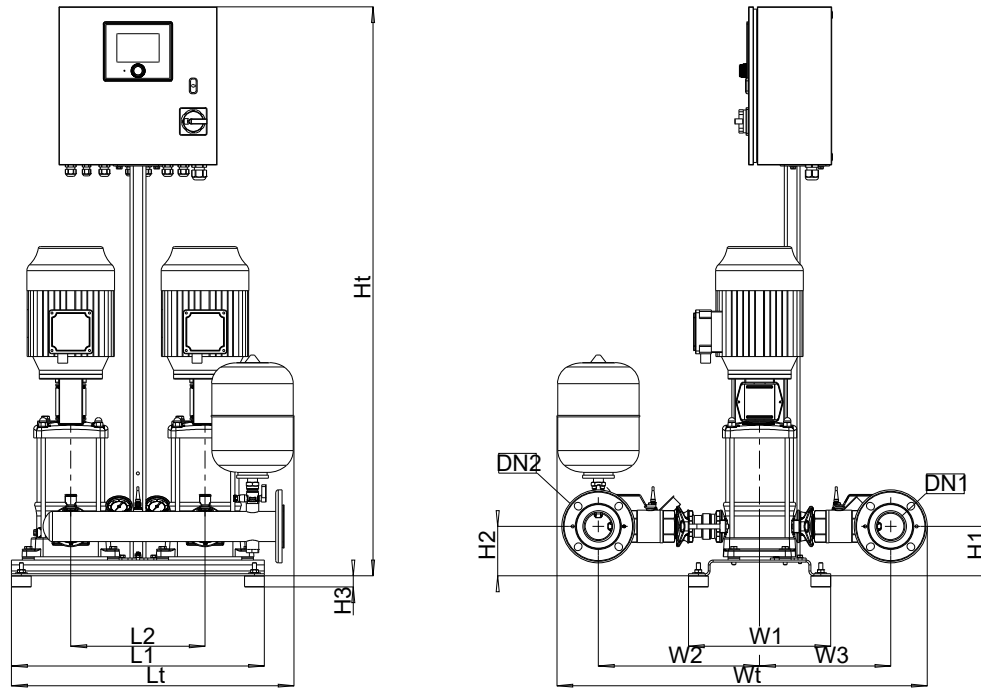


Fig. 10: Dimensions

Table 14: Dimensions [mm] and connections

Number of pumps	Movitec	Number of stages	DN1	DN2	L1	L2	Lt	H1	H2	H3	Ht	W1	W2	W3	Wt
2	15	01	DN 65	DN 65	640	340	715	125	125	28	1140	360	408	332	936
2	15	02	DN 65	DN 65	640	340	715	125	125	28	1290	360	408	332	936
2	15	03	DN 65	DN 65	640	340	715	125	125	28	1290	360	408	332	936
2	15	04	DN 65	DN 65	640	340	715	125	125	28	1290	360	408	332	936

DeltaPrimo F 3, Movitec 02 / 04 / 06

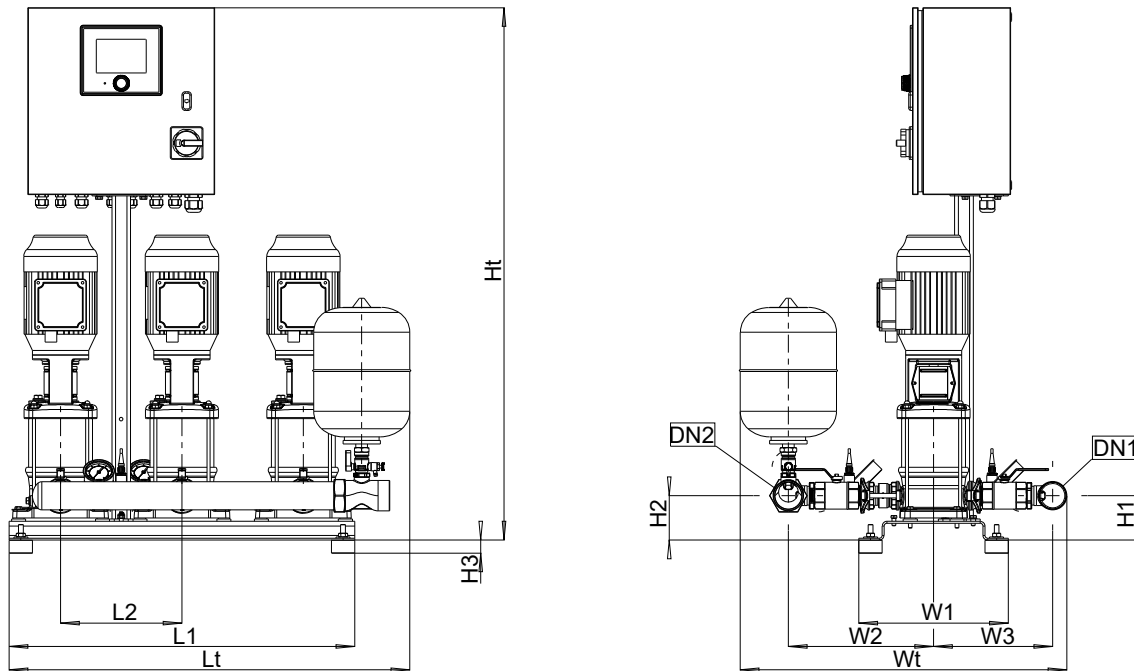


Fig. 11: Dimensions

Table 15: Dimensions [mm] and connections

Number of pumps	Movitec	Number of stages	DN1	DN2	L1	L2	Lt	H1	H2	H3	Ht	W1	W2	W3	Wt
3	02	02	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1140	320	291	235	653
3	02	03	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1140	320	291	235	653
3	02	04	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1140	320	291	235	653
3	02	05	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1140	320	291	235	653
3	02	06	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1140	320	291	235	653
3	02	07	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1140	320	291	235	653
3	02	08	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1290	320	291	235	653
3	02	09	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1290	320	291	235	653
3	02	10	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1290	320	291	235	653
3	02	11	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1290	320	291	235	653
3	02	12	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1290	320	291	235	653
3	02	14	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1440	320	291	235	653
3	04	02	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1140	320	291	235	653
3	04	03	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1140	320	291	235	653
3	04	04	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1140	320	291	235	653
3	04	05	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1140	320	291	235	653
3	04	06	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1140	320	291	235	653
3	04	07	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1290	320	291	235	653
3	04	08	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1290	320	291	235	653
3	04	09	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1290	320	291	235	653
3	04	10	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1290	320	291	235	653
3	04	11	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1440	320	291	235	653
3	04	12	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1440	320	291	235	653
3	06	02	G 2	G 2	740	260	859	95	95	28	1140	320	311	255	699
3	06	03	G 2	G 2	740	260	859	95	95	28	1140	320	311	255	699
3	06	04	G 2	G 2	740	260	859	95	95	28	1140	320	311	255	699
3	06	05	G 2	G 2	740	260	859	95	95	28	1140	320	311	255	699

Number of pumps	Movitec	Number of stages	DN1	DN2	L1	L2	Lt	H1	H2	H3	Ht	W1	W2	W3	Wt
3	06	06	G 2	G 2	740	260	859	95	95	28	1290	320	311	255	699
3	06	07	G 2	G 2	740	260	859	95	95	28	1290	320	311	255	699
3	06	08	G 2	G 2	740	260	859	95	95	28	1290	320	311	255	699
3	06	09	G 2	G 2	740	260	859	95	95	28	1290	320	311	255	699
3	06	10	G 2	G 2	740	260	859	95	95	28	1440	320	311	255	699
3	06	11	G 2	G 2	740	260	859	95	95	28	1440	320	311	255	699
3	06	12	G 2	G 2	740	260	859	95	95	28	1440	320	311	255	699

DeltaPrimo F 3, Movitec 10

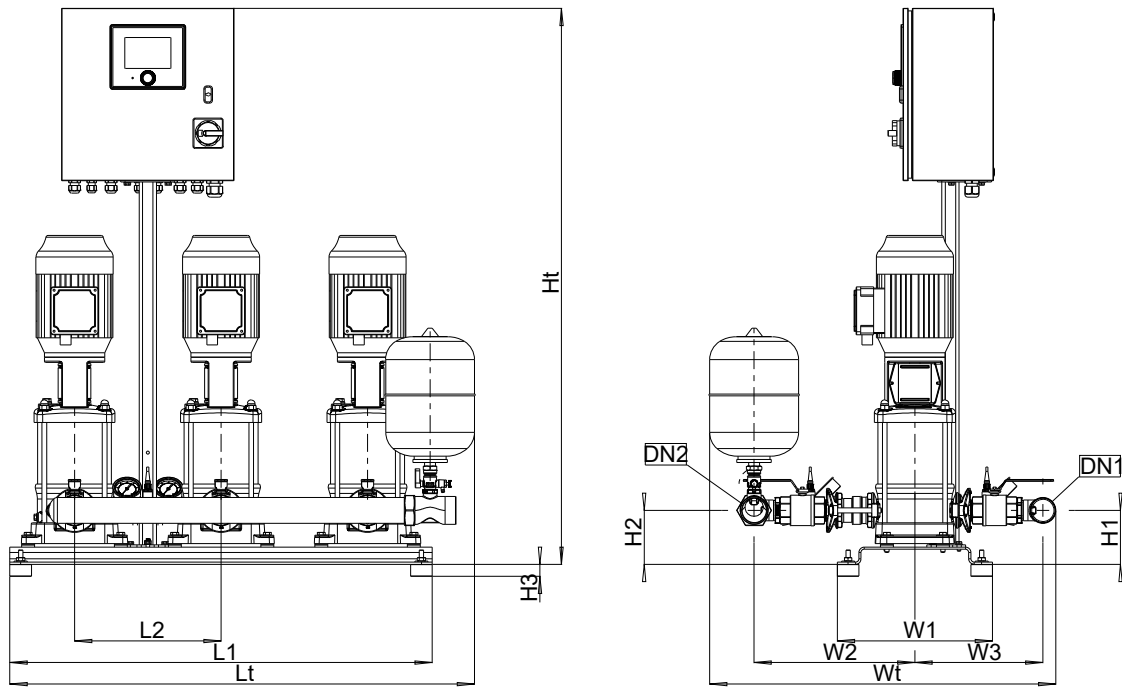


Fig. 12: Dimensions

Table 16: Dimensions [mm] and connections

Number of pumps	Movitec	Number of stages	DN1	DN2	L1	L2	Lt	H1	H2	H3	Ht	W1	W2	W3	Wt
3	10	01	G 2	G 2	980	340	1079	125	125	28	1140	360	373	297	803
3	10	02	G 2	G 2	980	340	1079	125	125	28	1140	360	373	297	803
3	10	03	G 2	G 2	980	340	1079	125	125	28	1290	360	373	297	803
3	10	04	G 2	G 2	980	340	1079	125	125	28	1290	360	373	297	803
3	10	05	G 2	G 2	980	340	1079	125	125	28	1290	360	373	297	803
3	10	06	G 2	G 2	980	340	1079	125	125	28	1440	360	373	297	803
3	10	07	G 2	G 2	980	340	1079	125	125	28	1440	360	373	297	803
3	10	08	G 2	G 2	980	340	1079	125	125	28	1440	360	373	297	803
3	10	09	G 2	G 2	980	340	1079	125	125	28	1440	360	373	297	803
3	10	10	G 2	G 2	980	340	1079	125	125	28	1690	360	373	297	803

DeltaPrimo F 3, Movitec 15

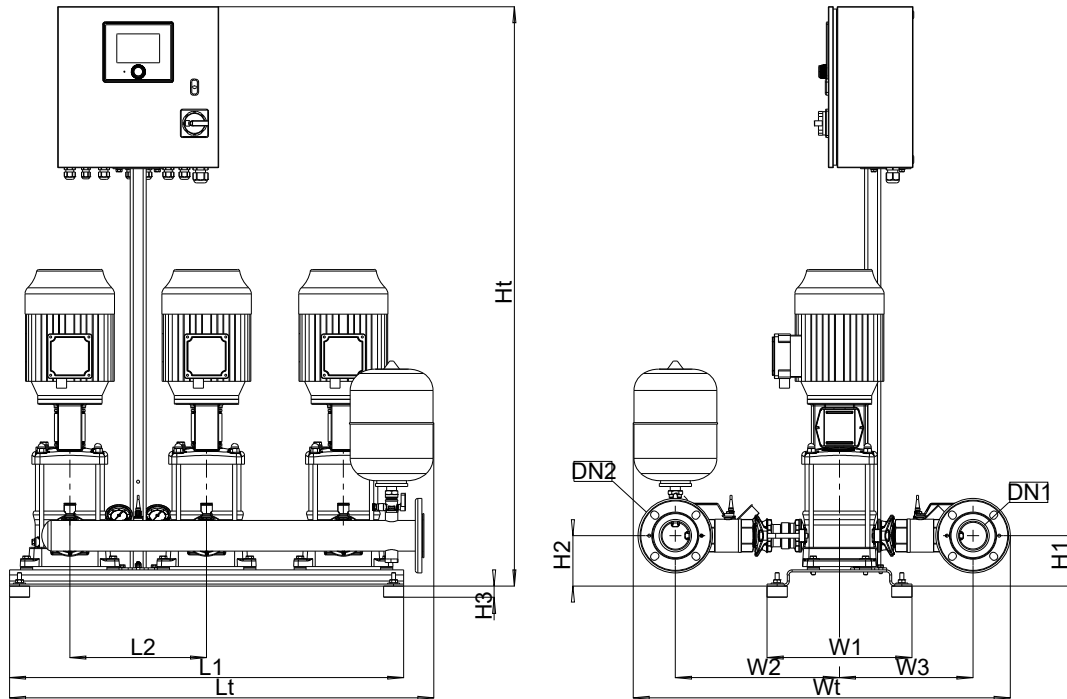


Fig. 13: Dimensions

Table 17: Dimensions [mm] and connections

Number of pumps	Movitec	Number of stages	DN1	DN2	L1	L2	Lt	H1	H2	H3	Ht	W1	W2	W3	Wt
3	15	01	DN 65	DN 65	980	340	1055	125	125	28	1140	360	408	332	936
3	15	02	DN 65	DN 65	980	340	1055	125	125	28	1290	360	408	332	936
3	15	03	DN 65	DN 65	980	340	1055	125	125	28	1290	360	408	332	936
3	15	04	DN 65	DN 65	980	340	1055	125	125	28	1290	360	408	332	936

DeltaPrimo F 4, Movitec 02 / 04 / 06

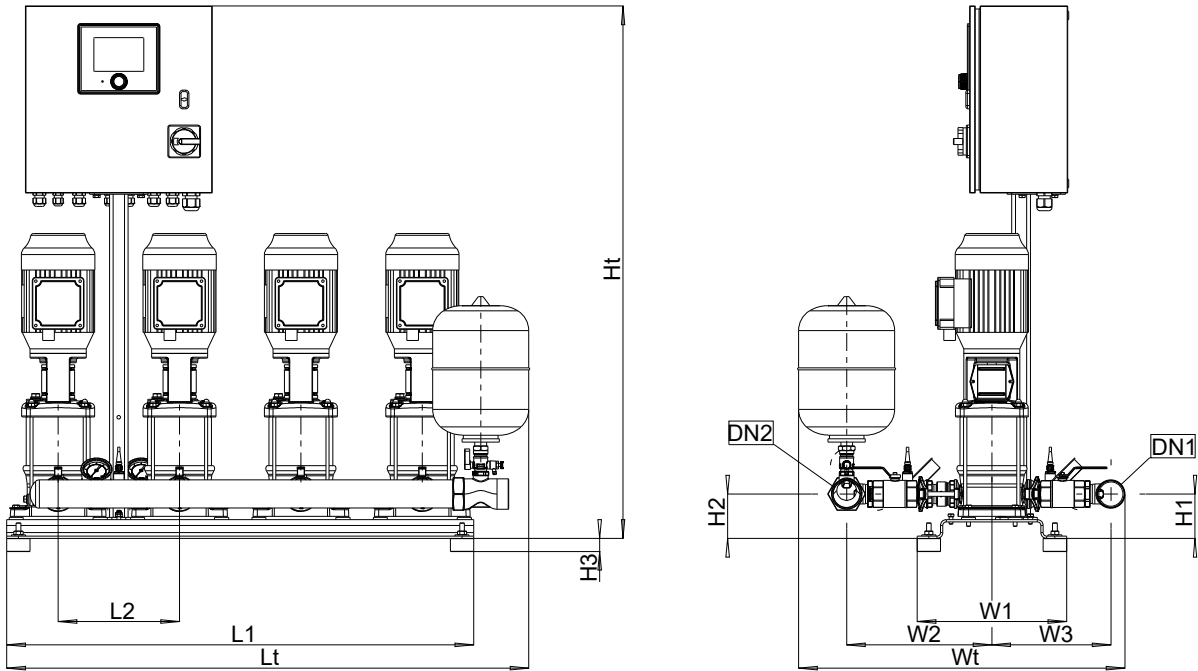


Fig. 14: Dimensions

Table 18: Dimensions [mm] and connections

Number of pumps	Movitec	Number of stages	DN1	DN2	L1	L2	Lt	H1	H2	H3	Ht	W1	W2	W3	Wt
4	02	02	G 1 1/2	G 1 1/2	1000	260	1114	95	95	28	1140	320	291	235	653
4	02	03	G 1 1/2	G 1 1/2	1000	260	1114	95	95	28	1140	320	291	235	653
4	02	04	G 1 1/2	G 1 1/2	1000	260	1114	95	95	28	1140	320	291	235	653
4	02	05	G 1 1/2	G 1 1/2	1000	260	1114	95	95	28	1140	320	291	235	653
4	02	06	G 1 1/2	G 1 1/2	1000	260	1114	95	95	28	1140	320	291	235	653
4	02	07	G 1 1/2	G 1 1/2	1000	260	1114	95	95	28	1140	320	291	235	653
4	02	08	G 1 1/2	G 1 1/2	1000	260	1114	95	95	28	1290	320	291	235	653
4	02	09	G 1 1/2	G 1 1/2	1000	260	1114	95	95	28	1290	320	291	235	653
4	02	10	G 1 1/2	G 1 1/2	1000	260	1114	95	95	28	1290	320	291	235	653
4	02	11	G 1 1/2	G 1 1/2	1000	260	1114	95	95	28	1290	320	291	235	653
4	02	12	G 1 1/2	G 1 1/2	1000	260	1114	95	95	28	1290	320	291	235	653
4	02	14	G 1 1/2	G 1 1/2	1000	260	1114	95	95	28	1440	320	291	235	653
4	04	02	G 1 1/2	G 1 1/2	1000	260	1114	95	95	28	1140	320	291	235	653
4	04	03	G 1 1/2	G 1 1/2	1000	260	1114	95	95	28	1140	320	291	235	653
4	04	04	G 1 1/2	G 1 1/2	1000	260	1114	95	95	28	1140	320	291	235	653
4	04	05	G 1 1/2	G 1 1/2	1000	260	1114	95	95	28	1140	320	291	235	653
4	04	06	G 1 1/2	G 1 1/2	1000	260	1114	95	95	28	1140	320	291	235	653
4	04	07	G 1 1/2	G 1 1/2	1000	260	1114	95	95	28	1290	320	291	235	653
4	04	08	G 1 1/2	G 1 1/2	1000	260	1114	95	95	28	1290	320	291	235	653
4	04	09	G 1 1/2	G 1 1/2	1000	260	1114	95	95	28	1290	320	291	235	653
4	04	10	G 1 1/2	G 1 1/2	1000	260	1114	95	95	28	1290	320	291	235	653
4	04	11	G 1 1/2	G 1 1/2	1000	260	1114	95	95	28	1440	320	291	235	653
4	04	12	G 1 1/2	G 1 1/2	1000	260	1114	95	95	28	1440	320	291	235	653
4	06	02	G 2	G 2	1000	260	1119	95	95	28	1140	320	311	255	699
4	06	03	G 2	G 2	1000	260	1119	95	95	28	1140	320	311	255	699
4	06	04	G 2	G 2	1000	260	1119	95	95	28	1140	320	311	255	699
4	06	05	G 2	G 2	1000	260	1119	95	95	28	1140	320	311	255	699

Number of pumps	Movitec	Number of stages	DN1	DN2	L1	L2	Lt	H1	H2	H3	Ht	W1	W2	W3	Wt
4	06	06	G 2	G 2	1000	260	1119	95	95	28	1290	320	311	255	699
4	06	07	G 2	G 2	1000	260	1119	95	95	28	1290	320	311	255	699
4	06	08	G 2	G 2	1000	260	1119	95	95	28	1290	320	311	255	699
4	06	09	G 2	G 2	1000	260	1119	95	95	28	1290	320	311	255	699
4	06	10	G 2	G 2	1000	260	1119	95	95	28	1440	320	311	255	699
4	06	11	G 2	G 2	1000	260	1119	95	95	28	1440	320	311	255	699
4	06	12	G 2	G 2	1000	260	1119	95	95	28	1440	320	311	255	699



DeltaPrimo F 4, Movitec 10

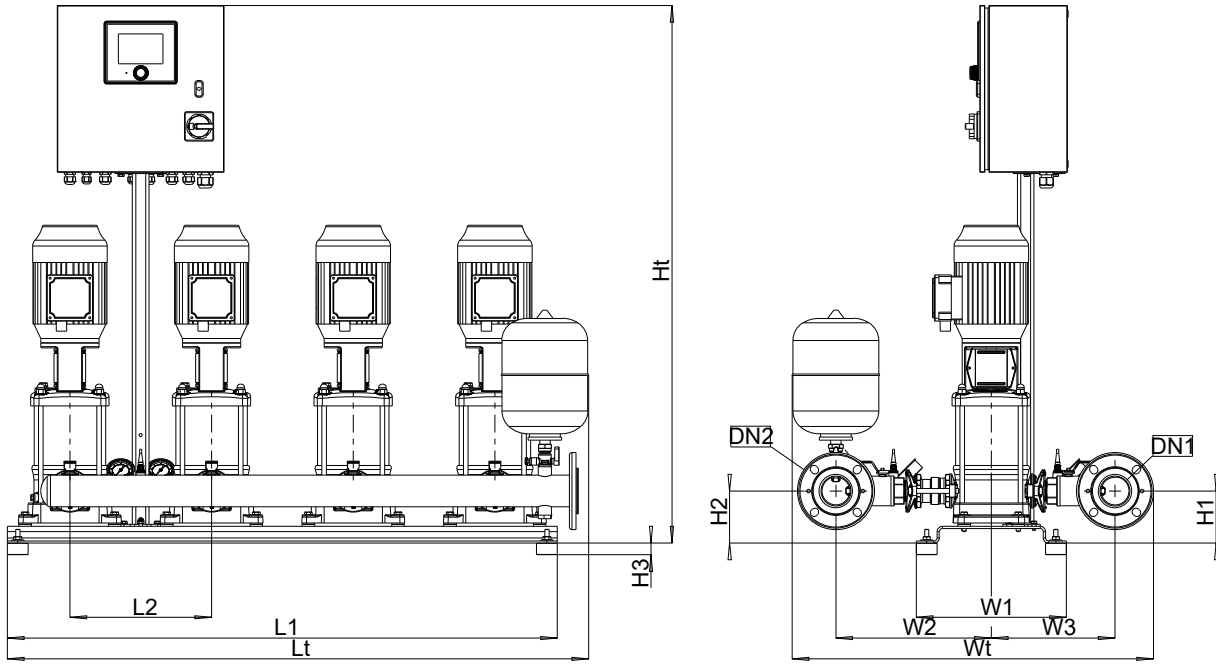


Fig. 15: Dimensions

Table 19: Dimensions [mm] and connections

Number of pumps	Movitec	Number of stages	DN1	DN2	L1	L2	Lt	H1	H2	H3	Ht	W1	W2	W3	Wt
4	10	01	DN 65	DN 65	1320	340	1395	125	125	28	1140	360	381	305	882
4	10	02	DN 65	DN 65	1320	340	1395	125	125	28	1140	360	381	305	882
4	10	03	DN 65	DN 65	1320	340	1395	125	125	28	1290	360	381	305	882
4	10	04	DN 65	DN 65	1320	340	1395	125	125	28	1290	360	381	305	882
4	10	05	DN 65	DN 65	1320	340	1395	125	125	28	1290	360	381	305	882
4	10	06	DN 65	DN 65	1320	340	1395	125	125	28	1440	360	381	305	882
4	10	07	DN 65	DN 65	1320	340	1395	125	125	28	1440	360	381	305	882
4	10	08	DN 65	DN 65	1320	340	1395	125	125	28	1440	360	381	305	882
4	10	09	DN 65	DN 65	1320	340	1395	125	125	28	1440	360	381	305	882
4	10	10	DN 65	DN 65	1320	340	1395	125	125	28	1690	360	381	305	882

DeltaPrimo F 4, Movitec 15

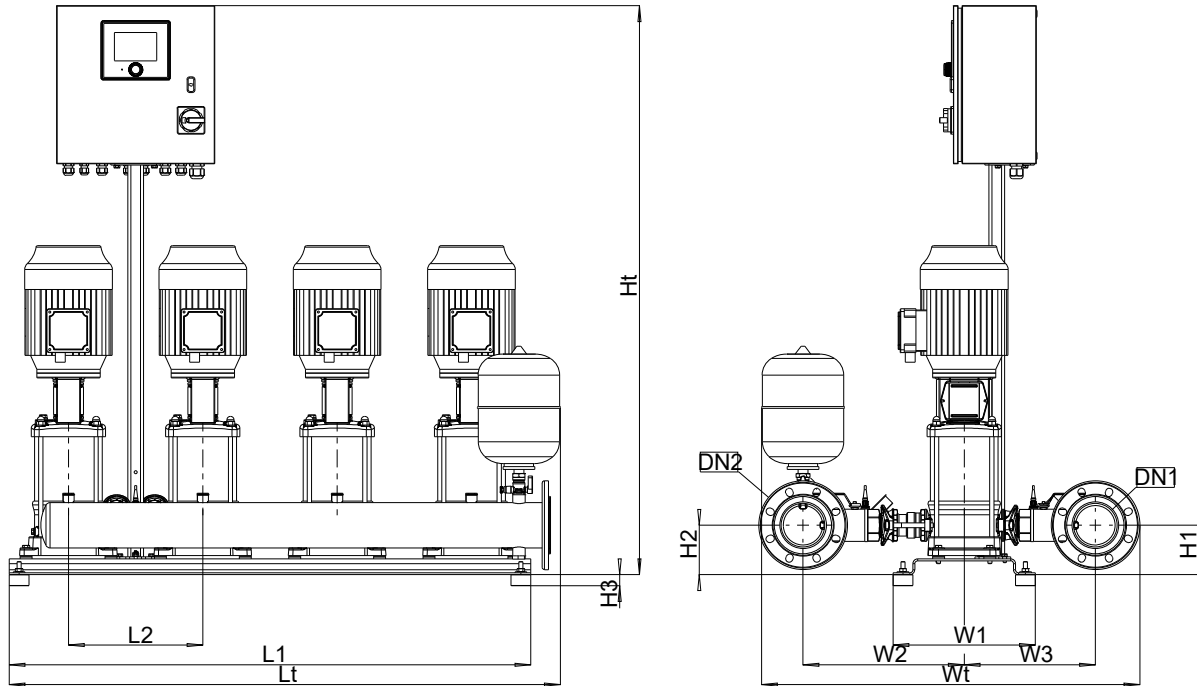


Fig. 16: Dimensions

Table 20: Dimensions [mm] and connections

Number of pumps	Movitec	Number of stages	DN1	DN2	L1	L2	Lt	H1	H2	H3	Ht	W1	W2	W3	Wt
4	15	01	DN 100	DN 100	1320	340	1395	125	125	28	1140	360	427	351	998
4	15	02	DN 100	DN 100	1320	340	1395	125	125	28	1290	360	427	351	998
4	15	03	DN 100	DN 100	1320	340	1395	125	125	28	1290	360	427	351	998
4	15	04	DN 100	DN 100	1320	340	1395	125	125	28	1290	360	427	351	998

DeltaPrimo VC 2, Movitec 02 / 04 / 06

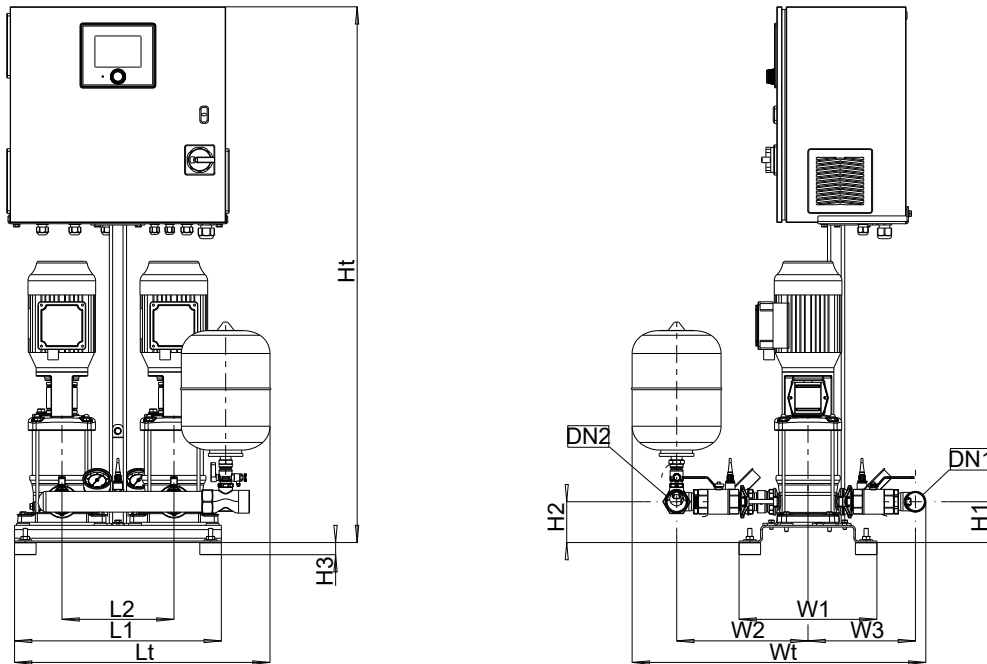


Fig. 17: Dimensions

Table 21: Dimensions [mm] and connections

Number of pumps	Movitec	Number of stages	DN1	DN2	L1	L2	Lt	H1	H2	H3	Ht	W1	W2	W3	Wt
2	02	02	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1243	320	291	235	653
2	02	03	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1243	320	291	235	653
2	02	04	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1243	320	291	235	653
2	02	05	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1243	320	291	235	653
2	02	06	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1243	320	291	235	653
2	02	07	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1243	320	291	235	653
2	02	08	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1393	320	291	235	653
2	02	09	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1393	320	291	235	653
2	02	10	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1393	320	291	235	653
2	02	11	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1393	320	291	235	653
2	02	12	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1393	320	291	235	653
2	02	14	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1543	320	291	235	653
2	04	02	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1243	320	291	235	653
2	04	03	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1243	320	291	235	653
2	04	04	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1243	320	291	235	653
2	04	05	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1243	320	291	235	653
2	04	06	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1243	320	291	235	653
2	04	07	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1393	320	291	235	653
2	04	08	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1393	320	291	235	653
2	04	09	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1393	320	291	235	653
2	04	10	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1393	320	291	235	653
2	04	11	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1543	320	291	235	653
2	04	12	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1543	320	291	235	653
2	06	02	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1243	320	305	249	681
2	06	03	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1243	320	305	249	681
2	06	04	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1243	320	305	249	681
2	06	05	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1243	320	305	249	681

Number of pumps	Movitec	Number of stages	DN1	DN2	L1	L2	Lt	H1	H2	H3	Ht	W1	W2	W3	Wt
2	06	06	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1393	320	305	249	681
2	06	07	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1393	320	305	249	681
2	06	08	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1393	320	305	249	681
2	06	09	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1393	320	305	249	681
2	06	10	G 1 1/2	G 1 1/2	480	260	594	95	95	28	1543	320	305	249	681

DeltaPrimo VC 2, Movitec 10

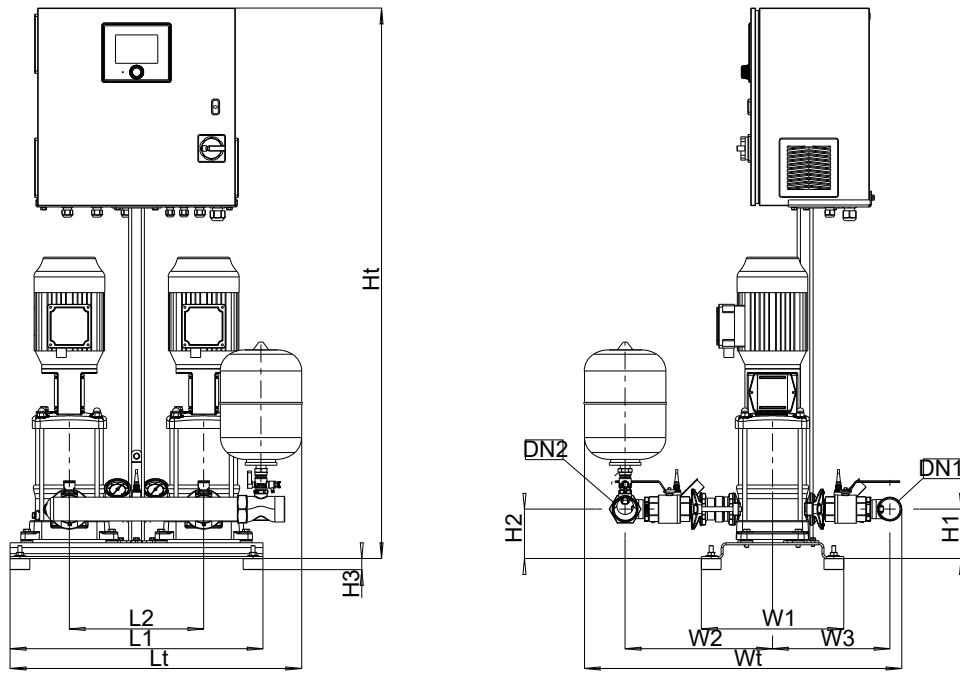


Fig. 18: Dimensions

Table 22: Dimensions [mm] and connections

Number of pumps	Movitec	Number of stages	DN1	DN2	L1	L2	Lt	H1	H2	H3	Ht	W1	W2	W3	Wt
2	10	01	G 2	G 2	640	340	739	125	125	28	1243	360	373	297	803
2	10	02	G 2	G 2	640	340	739	125	125	28	1243	360	373	297	803
2	10	03	G 2	G 2	640	340	739	125	125	28	1393	360	373	297	803
2	10	04	G 2	G 2	640	340	739	125	125	28	1393	360	373	297	803
2	10	05	G 2	G 2	640	340	739	125	125	28	1393	360	373	297	803
2	10	06	G 2	G 2	640	340	739	125	125	28	1543	360	373	297	803

DeltaPrimo VC 2, Movitec 15

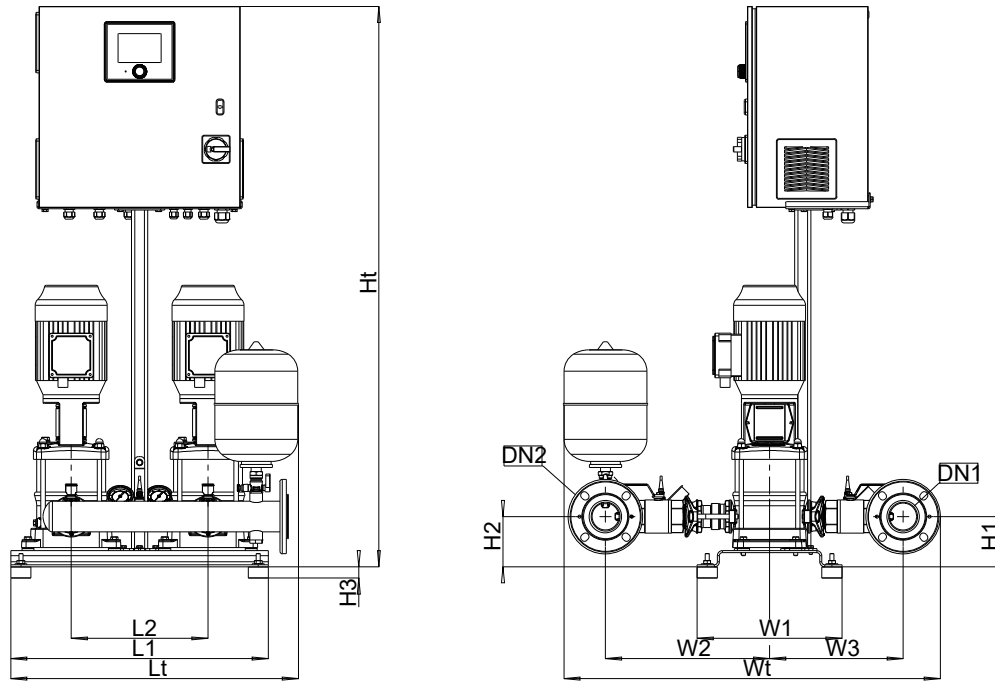


Fig. 19: Dimensions

Table 23: Dimensions [mm] and connections

Number of pumps	Movitec	Number of stages	DN1	DN2	L1	L2	Lt	H1	H2	H3	Ht	W1	W2	W3	Wt
2	15	01	DN 65	DN 65	640	340	715	125	125	28	1243	360	408	332	936
2	15	02	DN 65	DN 65	640	340	715	125	125	28	1393	360	408	332	936

DeltaPrimo VC 3, Movitec 02 / 04 / 06

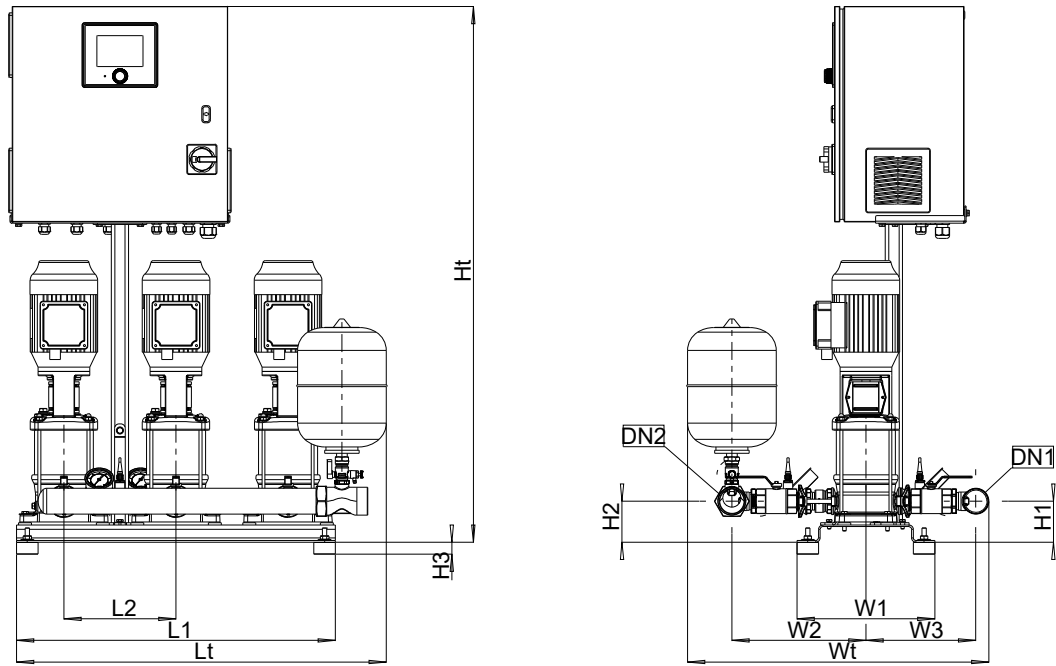


Fig. 20: Dimensions

Table 24: Dimensions [mm] and connections

Number of pumps	Movitec	Number of stages	DN1	DN2	L1	L2	Lt	H1	H2	H3	Ht	W1	W2	W3	Wt
3	02	02	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1243	320	291	235	653
3	02	03	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1243	320	291	235	653
3	02	04	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1243	320	291	235	653
3	02	05	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1243	320	291	235	653
3	02	06	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1243	320	291	235	653
3	02	07	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1243	320	291	235	653
3	02	08	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1393	320	291	235	653
3	02	09	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1393	320	291	235	653
3	02	10	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1393	320	291	235	653
3	02	11	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1393	320	291	235	653
3	02	12	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1393	320	291	235	653
3	02	14	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1543	320	291	235	653
3	04	02	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1243	320	291	235	653
3	04	03	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1243	320	291	235	653
3	04	04	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1243	320	291	235	653
3	04	05	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1243	320	291	235	653
3	04	06	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1243	320	291	235	653
3	04	07	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1393	320	291	235	653
3	04	08	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1393	320	291	235	653
3	04	09	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1393	320	291	235	653
3	04	10	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1393	320	291	235	653
3	04	11	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1543	320	291	235	653
3	04	12	G 1 1/2	G 1 1/2	740	260	854	95	95	28	1543	320	291	235	653
3	06	02	G 2	G 2	740	260	859	95	95	28	1243	320	311	255	699
3	06	03	G 2	G 2	740	260	859	95	95	28	1243	320	311	255	699
3	06	04	G 2	G 2	740	260	859	95	95	28	1243	320	311	255	699
3	06	05	G 2	G 2	740	260	859	95	95	28	1243	320	311	255	699

Number of pumps	Movitec	Number of stages	DN1	DN2	L1	L2	Lt	H1	H2	H3	Ht	W1	W2	W3	Wt
3	06	06	G 2	G 2	740	260	859	95	95	28	1393	320	311	255	699
3	06	07	G 2	G 2	740	260	859	95	95	28	1393	320	311	255	699
3	06	08	G 2	G 2	740	260	859	95	95	28	1393	320	311	255	699
3	06	09	G 2	G 2	740	260	859	95	95	28	1393	320	311	255	699
3	06	10	G 2	G 2	740	260	859	95	95	28	1543	320	311	255	699



DeltaPrimo VC 3, Movitec 10

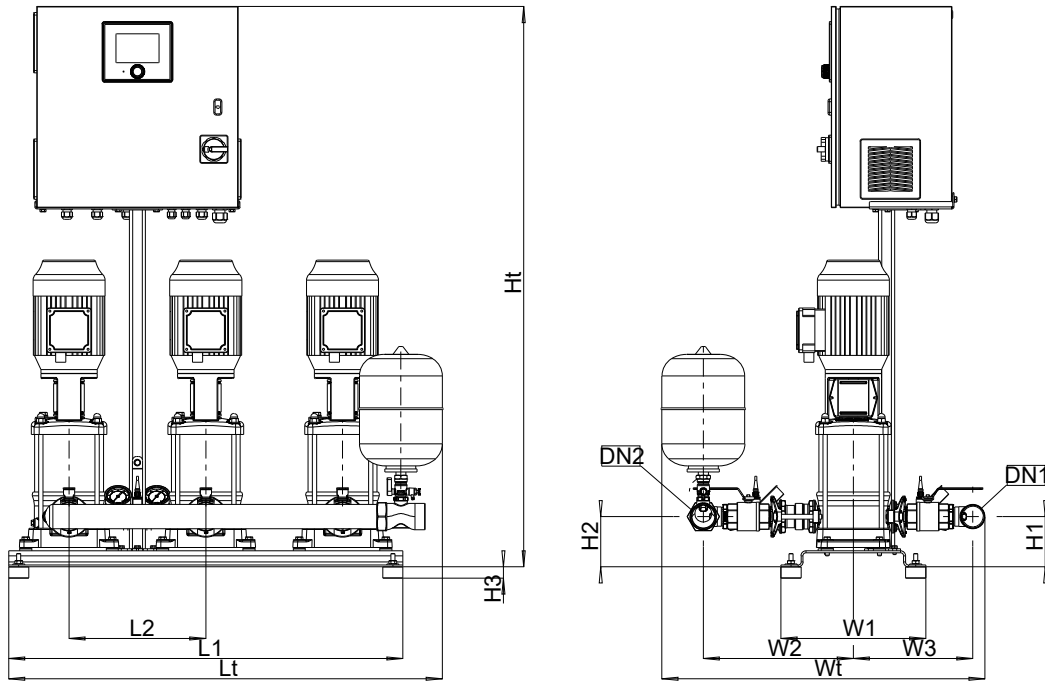


Fig. 21: Dimensions

Table 25: Dimensions [mm] and connections

Number of pumps	Movitec	Number of stages	DN1	DN2	L1	L2	Lt	H1	H2	H3	Ht	W1	W2	W3	Wt
3	10	01	G 2	G 2	980	340	1079	125	125	28	1243	360	373	297	803
3	10	02	G 2	G 2	980	340	1079	125	125	28	1243	360	373	297	803
3	10	03	G 2	G 2	980	340	1079	125	125	28	1393	360	373	297	803
3	10	04	G 2	G 2	980	340	1079	125	125	28	1393	360	373	297	803
3	10	05	G 2	G 2	980	340	1079	125	125	28	1393	360	373	297	803
3	10	06	G 2	G 2	980	340	1079	125	125	28	1543	360	373	297	803

DeltaPrimo VC 3, Movitec 15

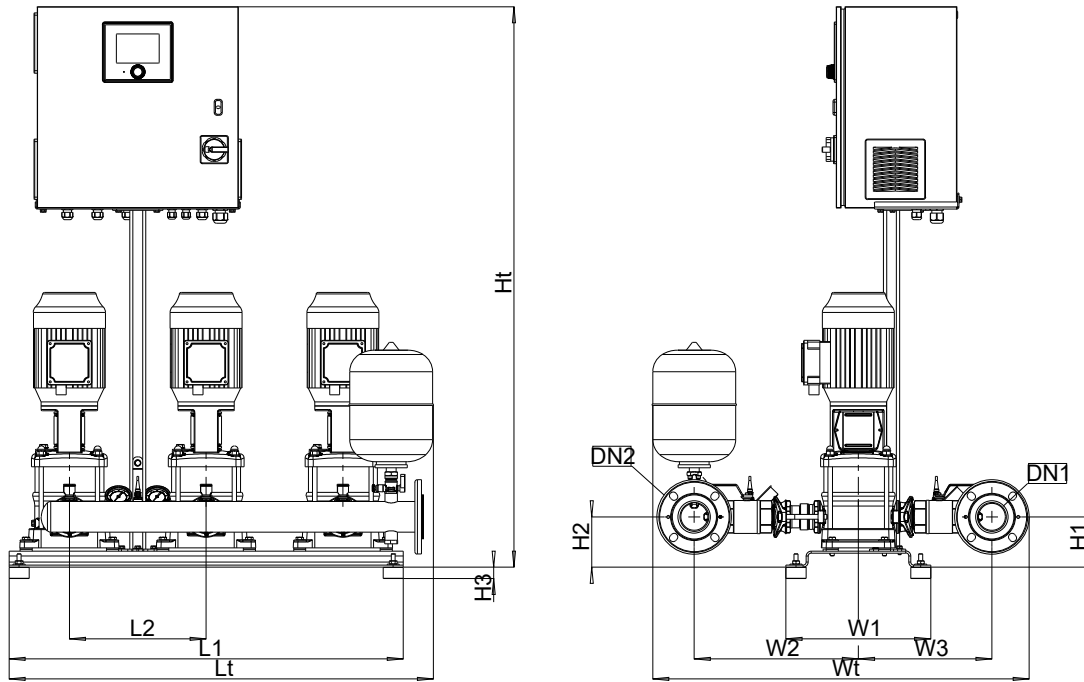


Fig. 22: Dimensions

Table 26: Dimensions [mm] and connections

Number of pumps	Movitec	Number of stages	DN1	DN2	L1	L2	Lt	H1	H2	H3	Ht	W1	W2	W3	Wt
3	15	01	DN 65	DN 65	980	340	1055	125	125	28	1243	360	408	332	936
3	15	02	DN 65	DN 65	980	340	1055	125	125	28	1393	360	408	332	936

DeltaPrimo SVP 2, Movitec 02 / 04 / 06

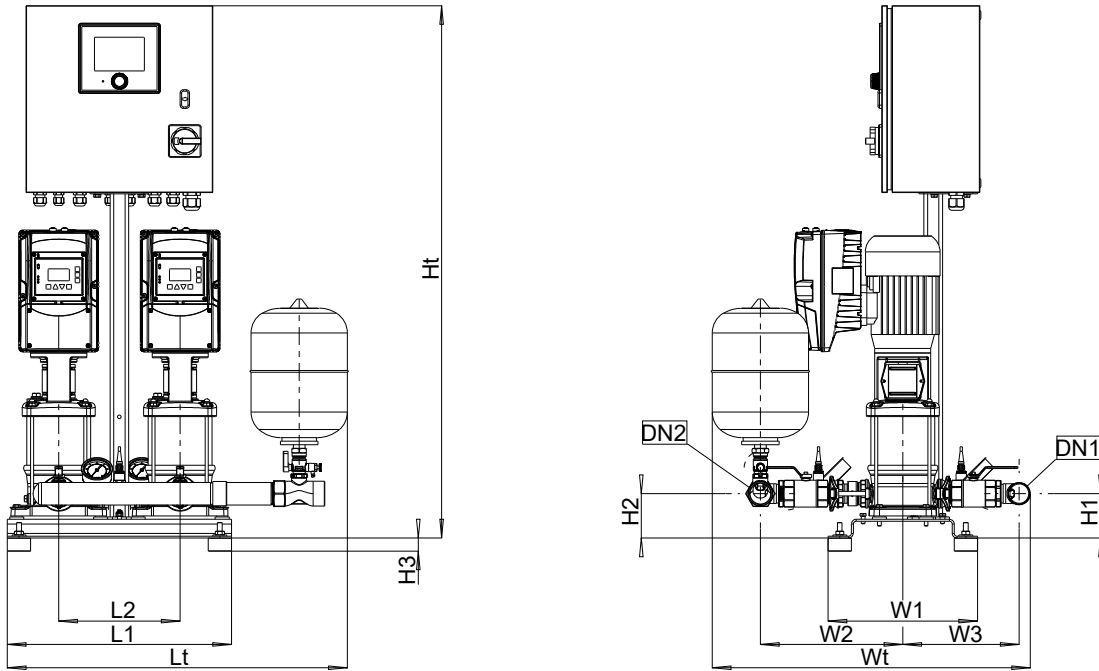


Fig. 23: Dimensions

Table 27: Dimensions [mm] and connections

Number of pumps	Movitec	Number of stages	DN1	DN2	L1	L2	Lt	H1	H2	H3	Ht	W1	W2	W3	Wt
2	02	02	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1140	320	291	235	653
2	02	03	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1140	320	291	235	653
2	02	04	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1140	320	291	235	653
2	02	05	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1140	320	291	235	653
2	02	06	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1140	320	291	235	653
2	02	07	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1140	320	291	235	653
2	02	08	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1290	320	291	235	653
2	02	09	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1290	320	291	235	653
2	02	10	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1290	320	291	235	653
2	02	11	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1290	320	291	235	653
2	02	12	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1290	320	291	235	653
2	02	14	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1440	320	291	235	653
2	04	02	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1140	320	291	235	653
2	04	03	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1140	320	291	235	653
2	04	04	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1140	320	291	235	653
2	04	05	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1140	320	291	235	653
2	04	06	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1140	320	291	235	653
2	04	07	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1290	320	291	235	653
2	04	08	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1290	320	291	235	653
2	04	09	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1290	320	291	235	653
2	04	10	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1290	320	291	235	653
2	04	11	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1440	320	291	235	653
2	04	12	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1440	320	291	235	653
2	06	02	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1140	320	305	249	681
2	06	03	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1140	320	305	249	681
2	06	04	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1140	320	305	249	681
2	06	05	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1140	320	305	249	681

Number of pumps	Movitec	Number of stages	DN1	DN2	L1	L2	Lt	H1	H2	H3	Ht	W1	W2	W3	Wt
2	06	06	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1290	320	305	249	681
2	06	07	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1290	320	305	249	681
2	06	08	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1290	320	305	249	681
2	06	09	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1290	320	305	249	681
2	06	10	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1440	320	305	249	681
2	06	11	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1440	320	305	249	681
2	06	12	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1440	320	305	249	681

DeltaPrimo SVP 2, Movitec 10

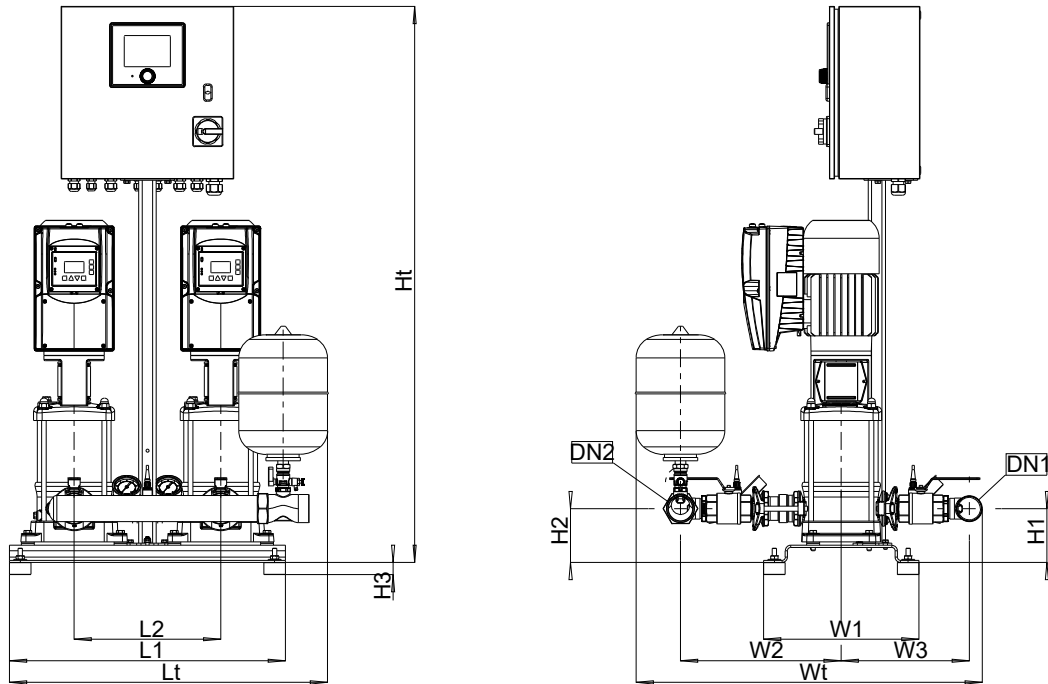


Fig. 24: Dimensions

Table 28: Dimensions [mm] and connections

Number of pumps	Movitec	Number of stages	DN1	DN2	L1	L2	Lt	H1	H2	H3	Ht	W1	W2	W3	Wt
2	10	01	G 2	G 2	640	340	739	125	125	28	1140	360	373	297	803
2	10	02	G 2	G 2	640	340	739	125	125	28	1140	360	373	297	803
2	10	03	G 2	G 2	640	340	739	125	125	28	1290	360	373	297	803
2	10	04	G 2	G 2	640	340	739	125	125	28	1290	360	373	297	803
2	10	05	G 2	G 2	640	340	739	125	125	28	1290	360	373	297	803
2	10	06	G 2	G 2	640	340	739	125	125	28	1290	360	373	297	803
2	10	07	G 2	G 2	640	340	739	125	125	28	1440	360	373	297	803
2	10	08	G 2	G 2	640	340	739	125	125	28	1440	360	373	297	803
2	10	09	G 2	G 2	640	340	739	125	125	28	1440	360	373	297	803
2	10	10	G 2	G 2	640	340	739	125	125	28	1690	360	373	297	803

DeltaPrimo SVP 2, Movitec 15

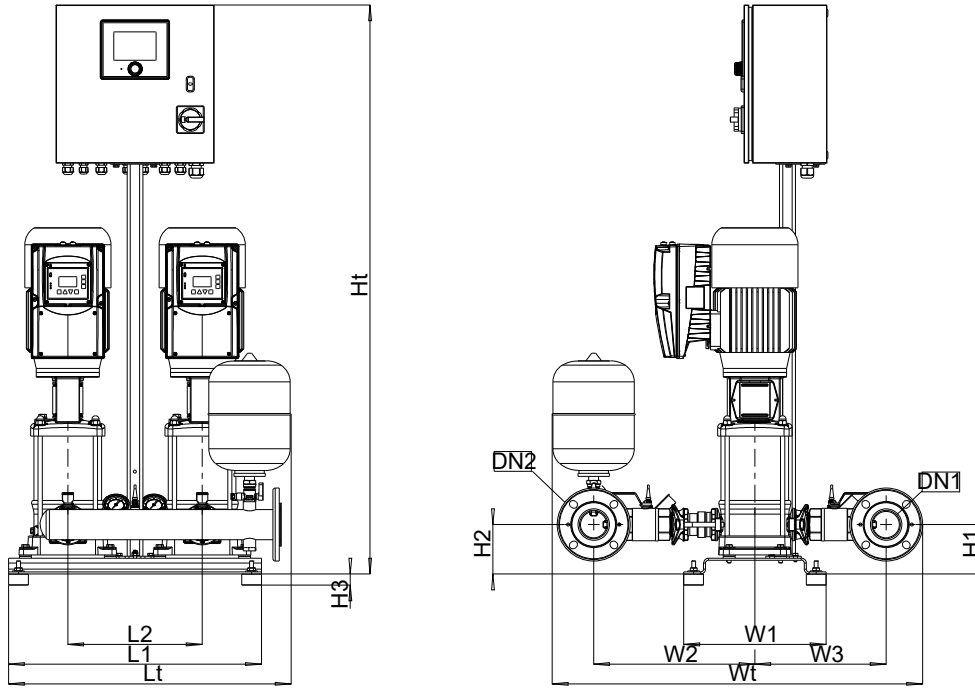


Fig. 25: Dimensions

Table 29: Dimensions [mm] and connections

Number of pumps	Movitec	Number of stages	DN1	DN2	L1	L2	Lt	H1	H2	H3	Ht	W1	W2	W3	Wt
2	15	01	DN 65	DN 65	640	340	715	125	125	28	1140	360	408	332	936
2	15	02	DN 65	DN 65	640	340	715	125	125	28	1290	360	408	332	936
2	15	03	DN 65	DN 65	640	340	715	125	125	28	1290	360	408	332	936
2	15	04	DN 65	DN 65	640	340	715	125	125	28	1290	360	408	332	936
2	15	05	DN 65	DN 65	640	340	715	125	125	28	1690	360	408	332	936
2	15	06	DN 65	DN 65	640	340	715	125	125	28	1690	360	408	332	936
2	15	07	DN 65	DN 65	640	340	715	125	125	28	1690	360	408	332	936

DeltaPrimo SVP 3, Movitec 02 / 04 / 06

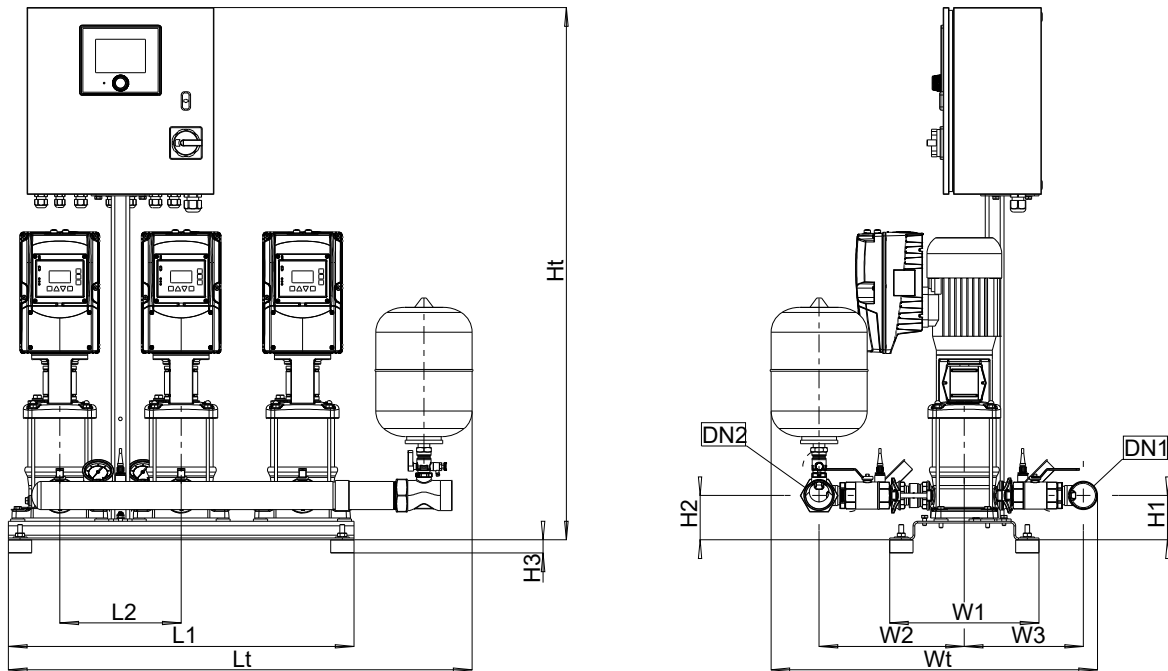


Fig. 26: Dimensions

Table 30: Dimensions [mm] and connections

Number of pumps	Movitec	Number of stages	DN1	DN2	L1	L2	Lt	H1	H2	H3	Ht	W1	W2	W3	Wt
3	02	02	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1140	320	291	235	653
3	02	03	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1140	320	291	235	653
3	02	04	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1140	320	291	235	653
3	02	05	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1140	320	291	235	653
3	02	06	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1140	320	291	235	653
3	02	07	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1140	320	291	235	653
3	02	08	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1290	320	291	235	653
3	02	09	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1290	320	291	235	653
3	02	10	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1290	320	291	235	653
3	02	11	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1290	320	291	235	653
3	02	12	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1290	320	291	235	653
3	02	14	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1440	320	291	235	653
3	04	02	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1140	320	291	235	653
3	04	03	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1140	320	291	235	653
3	04	04	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1140	320	291	235	653
3	04	05	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1140	320	291	235	653
3	04	06	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1140	320	291	235	653
3	04	07	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1290	320	291	235	653
3	04	08	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1290	320	291	235	653
3	04	09	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1290	320	291	235	653
3	04	10	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1290	320	291	235	653
3	04	11	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1440	320	291	235	653
3	04	12	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1440	320	291	235	653
3	06	02	G 2	G 2	740	260	989	95	95	28	1140	320	311	255	699
3	06	03	G 2	G 2	740	260	989	95	95	28	1140	320	311	255	699
3	06	04	G 2	G 2	740	260	989	95	95	28	1140	320	311	255	699
3	06	05	G 2	G 2	740	260	989	95	95	28	1140	320	311	255	699

Number of pumps	Movitec	Number of stages	DN1	DN2	L1	L2	Lt	H1	H2	H3	Ht	W1	W2	W3	Wt
3	06	06	G 2	G 2	740	260	989	95	95	28	1290	320	311	255	699
3	06	07	G 2	G 2	740	260	989	95	95	28	1290	320	311	255	699
3	06	08	G 2	G 2	740	260	989	95	95	28	1290	320	311	255	699
3	06	09	G 2	G 2	740	260	989	95	95	28	1290	320	311	255	699
3	06	10	G 2	G 2	740	260	989	95	95	28	1440	320	311	255	699
3	06	11	G 2	G 2	740	260	989	95	95	28	1440	320	311	255	699
3	06	12	G 2	G 2	740	260	989	95	95	28	1440	320	311	255	699



DeltaPrimo SVP 3, Movitec 10

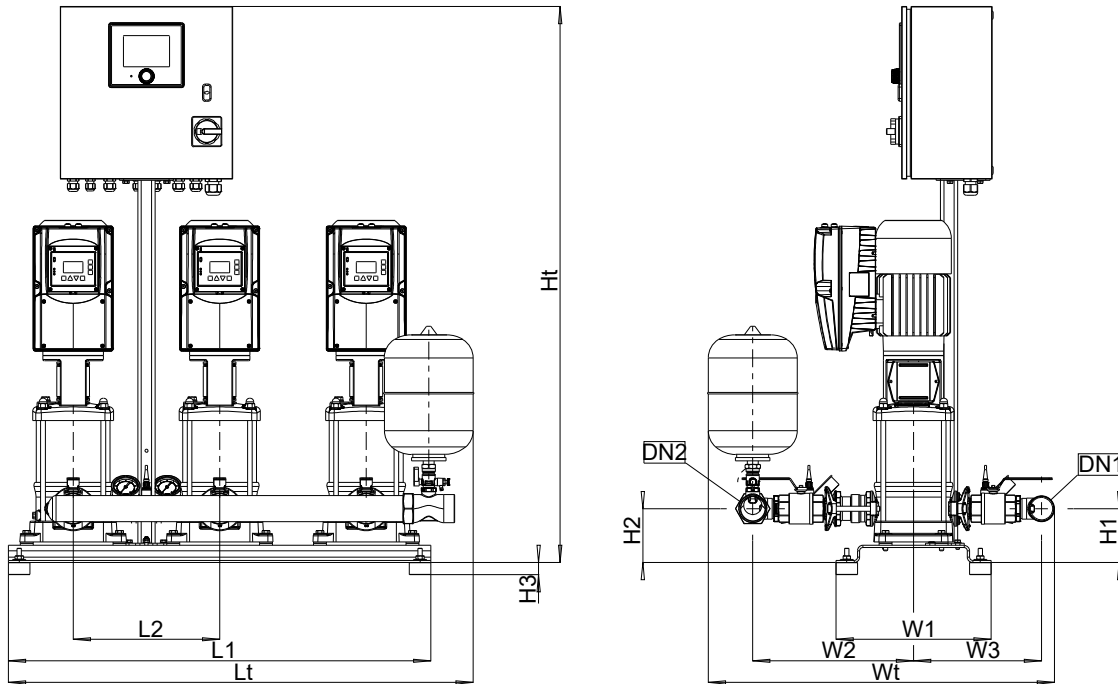


Fig. 27: Dimensions

Table 31: Dimensions [mm] and connections

Number of pumps	Movitec	Number of stages	DN1	DN2	L1	L2	Lt	H1	H2	H3	Ht	W1	W2	W3	Wt
3	10	01	G 2	G 2	980	340	1079	125	125	28	1140	360	373	297	803
3	10	02	G 2	G 2	980	340	1079	125	125	28	1140	360	373	297	803
3	10	03	G 2	G 2	980	340	1079	125	125	28	1290	360	373	297	803
3	10	04	G 2	G 2	980	340	1079	125	125	28	1290	360	373	297	803
3	10	05	G 2	G 2	980	340	1079	125	125	28	1290	360	373	297	803
3	10	06	G 2	G 2	980	340	1079	125	125	28	1290	360	373	297	803
3	10	07	G 2	G 2	980	340	1079	125	125	28	1440	360	373	297	803
3	10	08	G 2	G 2	980	340	1079	125	125	28	1440	360	373	297	803
3	10	09	G 2	G 2	980	340	1079	125	125	28	1440	360	373	297	803
3	10	10	G 2	G 2	980	340	1079	125	125	28	1690	360	373	297	803

DeltaPrimo SVP 3, Movitec 15

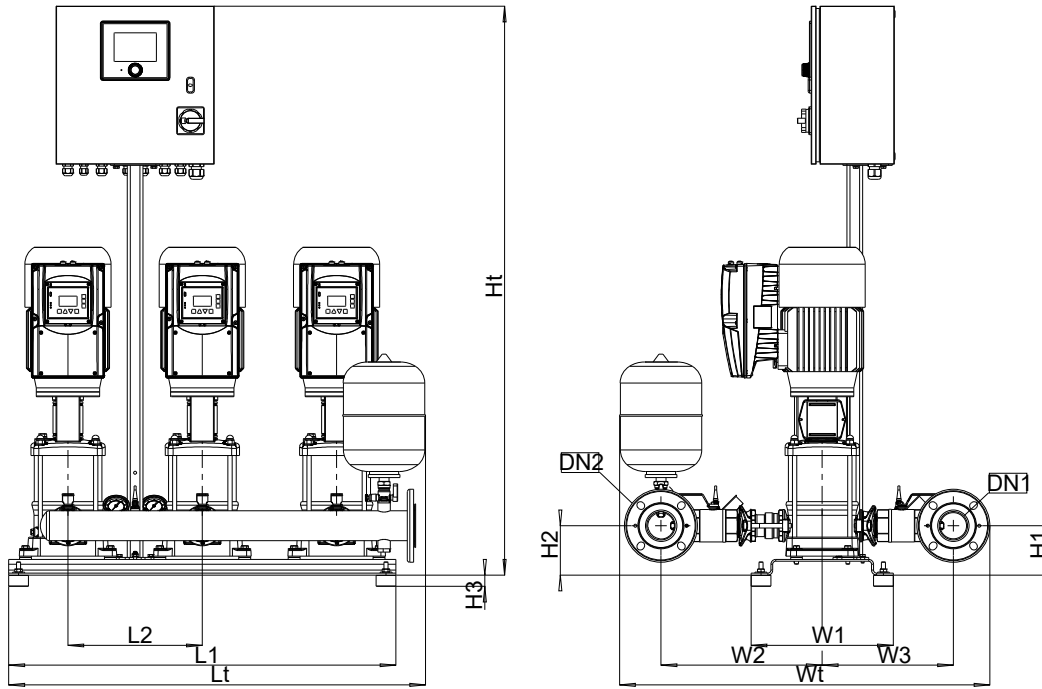


Fig. 28: Dimensions

Table 32: Dimensions [mm] and connections

Number of pumps	Movitec	Number of stages	DN1	DN2	L1	L2	Lt	H1	H2	H3	Ht	W1	W2	W3	Wt
3	15	01	DN 65	DN 65	980	340	1055	125	125	28	1140	360	408	332	936
3	15	02	DN 65	DN 65	980	340	1055	125	125	28	1290	360	408	332	936
3	15	03	DN 65	DN 65	980	340	1055	125	125	28	1290	360	408	332	936
3	15	04	DN 65	DN 65	980	340	1055	125	125	28	1290	360	408	332	936
3	15	05	DN 65	DN 65	980	340	1055	125	125	28	1690	360	408	332	936
3	15	06	DN 65	DN 65	980	340	1055	125	125	28	1690	360	408	332	936
3	15	07	DN 65	DN 65	980	340	1055	125	125	28	1690	360	408	332	936

DeltaPrimo SVP 4, Movitec 02 / 04 / 06

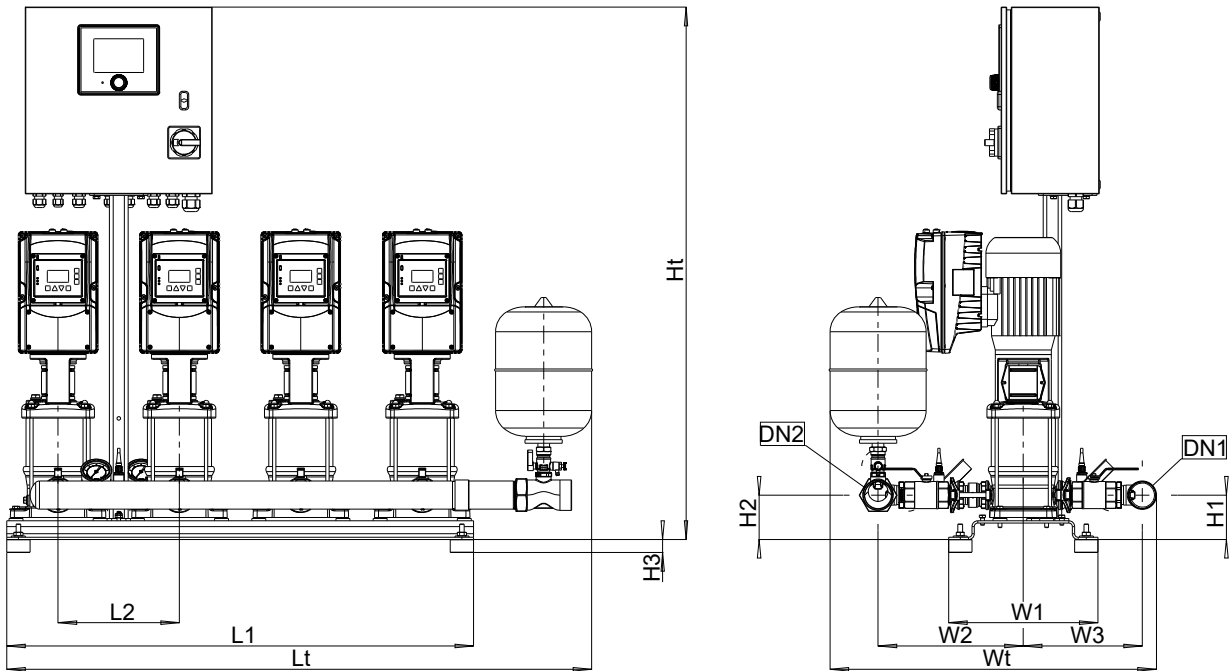


Fig. 29: Dimensions

Table 33: Dimensions [mm] and connections

Number of pumps	Movitec	Number of stages	DN1	DN2	L1	L2	Lt	H1	H2	H3	Ht	W1	W2	W3	Wt
4	02	02	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1140	320	291	235	653
4	02	03	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1140	320	291	235	653
4	02	04	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1140	320	291	235	653
4	02	05	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1140	320	291	235	653
4	02	06	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1140	320	291	235	653
4	02	07	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1140	320	291	235	653
4	02	08	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1290	320	291	235	653
4	02	09	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1290	320	291	235	653
4	02	10	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1290	320	291	235	653
4	02	11	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1290	320	291	235	653
4	02	12	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1290	320	291	235	653
4	02	14	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1440	320	291	235	653
4	04	02	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1140	320	291	235	653
4	04	03	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1140	320	291	235	653
4	04	04	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1140	320	291	235	653
4	04	05	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1140	320	291	235	653
4	04	06	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1140	320	291	235	653
4	04	07	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1290	320	291	235	653
4	04	08	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1290	320	291	235	653
4	04	09	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1290	320	291	235	653
4	04	10	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1290	320	291	235	653
4	04	11	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1440	320	291	235	653
4	04	12	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1440	320	291	235	653
4	06	02	G 2	G 2	1000	260	1249	95	95	28	1140	320	311	255	699
4	06	03	G 2	G 2	1000	260	1249	95	95	28	1140	320	311	255	699
4	06	04	G 2	G 2	1000	260	1249	95	95	28	1140	320	311	255	699
4	06	05	G 2	G 2	1000	260	1249	95	95	28	1140	320	311	255	699

Number of pumps	Movitec	Number of stages	DN1	DN2	L1	L2	Lt	H1	H2	H3	Ht	W1	W2	W3	Wt
4	06	06	G 2	G 2	1000	260	1249	95	95	28	1290	320	311	255	699
4	06	07	G 2	G 2	1000	260	1249	95	95	28	1290	320	311	255	699
4	06	08	G 2	G 2	1000	260	1249	95	95	28	1290	320	311	255	699
4	06	09	G 2	G 2	1000	260	1249	95	95	28	1290	320	311	255	699
4	06	10	G 2	G 2	1000	260	1249	95	95	28	1440	320	311	255	699
4	06	11	G 2	G 2	1000	260	1249	95	95	28	1440	320	311	255	699
4	06	12	G 2	G 2	1000	260	1249	95	95	28	1440	320	311	255	699

DeltaPrimo SVP 4, Movitec 10

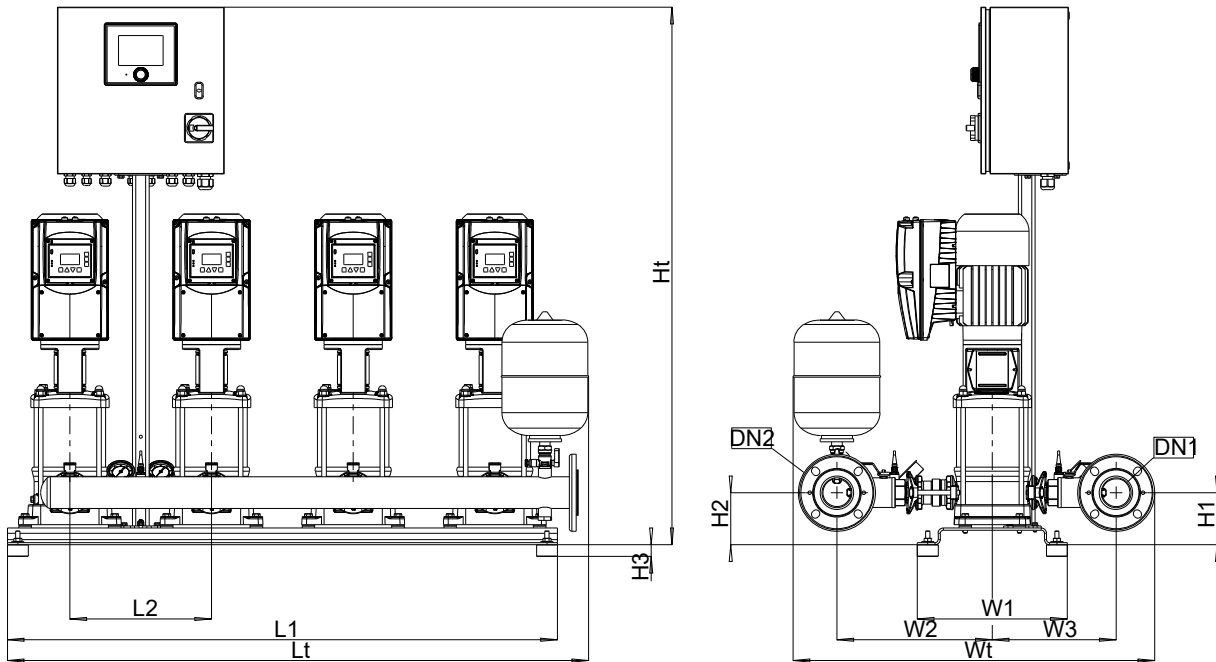


Fig. 30: Dimensions

Table 34: Dimensions [mm] and connections

Number of pumps	Movitec	Number of stages	DN1	DN2	L1	L2	Lt	H1	H2	H3	Ht	W1	W2	W3	Wt
4	10	01	DN 65	DN 65	1320	340	1395	125	125	28	1140	360	381	305	882
4	10	02	DN 65	DN 65	1320	340	1395	125	125	28	1140	360	381	305	882
4	10	03	DN 65	DN 65	1320	340	1395	125	125	28	1290	360	381	305	882
4	10	04	DN 65	DN 65	1320	340	1395	125	125	28	1290	360	381	305	882
4	10	05	DN 65	DN 65	1320	340	1395	125	125	28	1290	360	381	305	882
4	10	06	DN 65	DN 65	1320	340	1395	125	125	28	1290	360	381	305	882
4	10	07	DN 65	DN 65	1320	340	1395	125	125	28	1440	360	381	305	882
4	10	08	DN 65	DN 65	1320	340	1395	125	125	28	1440	360	381	305	882
4	10	09	DN 65	DN 65	1320	340	1395	125	125	28	1440	360	381	305	882
4	10	10	DN 65	DN 65	1320	340	1395	125	125	28	1690	360	381	305	882

DeltaPrimo SVP 4, Movitec 15

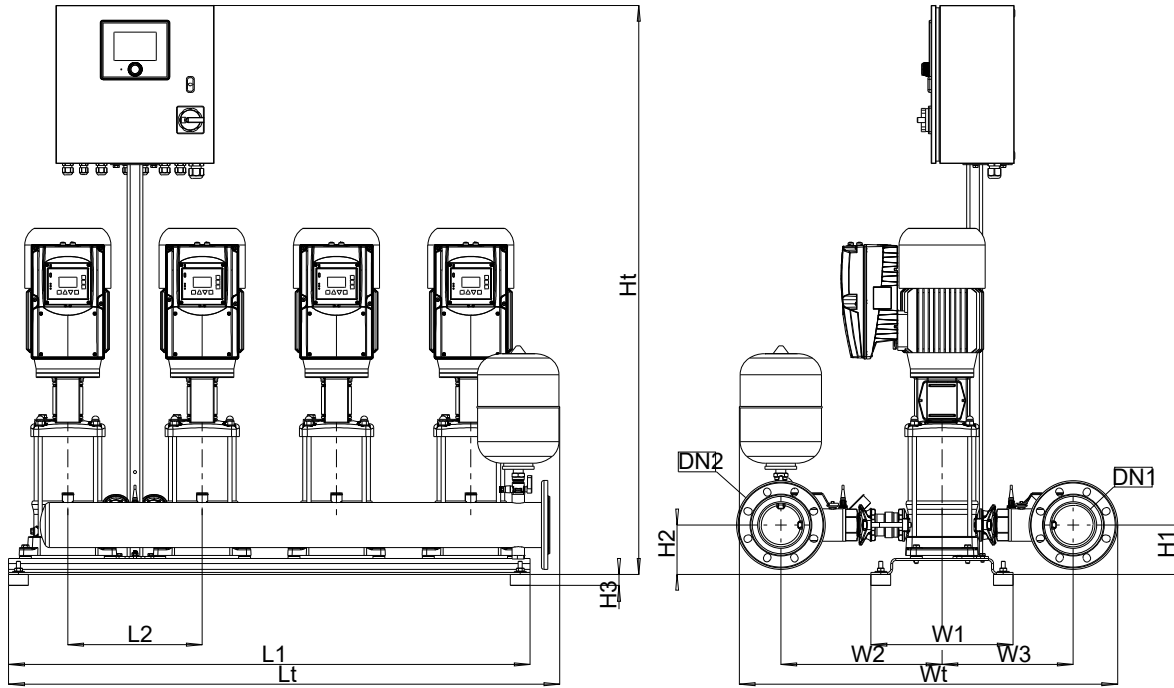


Fig. 31: Dimensions

Table 35: Dimensions [mm] and connections

Number of pumps	Movitec	Number of stages	DN1	DN2	L1	L2	Lt	H1	H2	H3	Ht	W1	W2	W3	Wt
4	15	01	DN 100	DN 100	1320	340	1395	125	125	28	1140	360	427	351	998
4	15	02	DN 100	DN 100	1320	340	1395	125	125	28	1290	360	427	351	998
4	15	03	DN 100	DN 100	1320	340	1395	125	125	28	1290	360	427	351	998
4	15	04	DN 100	DN 100	1320	340	1395	125	125	28	1290	360	427	351	998
4	15	05	DN 100	DN 100	1320	340	1395	125	125	28	1690	360	427	351	998
4	15	06	DN 100	DN 100	1320	340	1395	125	125	28	1690	360	427	351	998
4	15	07	DN 100	DN 100	1320	340	1395	125	125	28	1690	360	427	351	998

General assembly drawings/exploded views with list of components

DeltaPrimo F

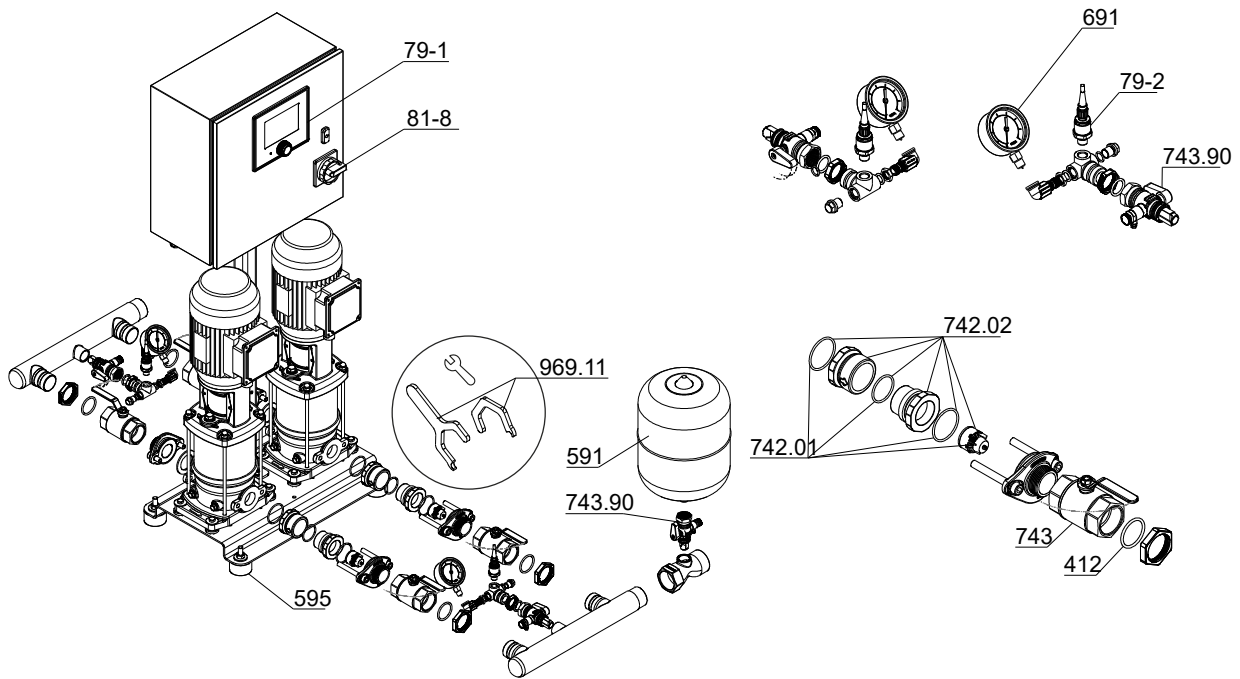


Fig. 32: DeltaPrimo F

Table 36: List of components

Part No.	Description	Part No.	Description
79-1	Automatic control unit	595	Anti-vibration pad
79-2	Measuring transducer	691	Pressure gauge
81-8	Kit-Master switch	742.01/02	Lift check valve
412	O-ring	743/743.90	Ball valve
591	Membrane-type accumulator	969.11	Tool

The individual parts of the pump set are shown in the product literature of the pump set.

DeltaPrimo VC

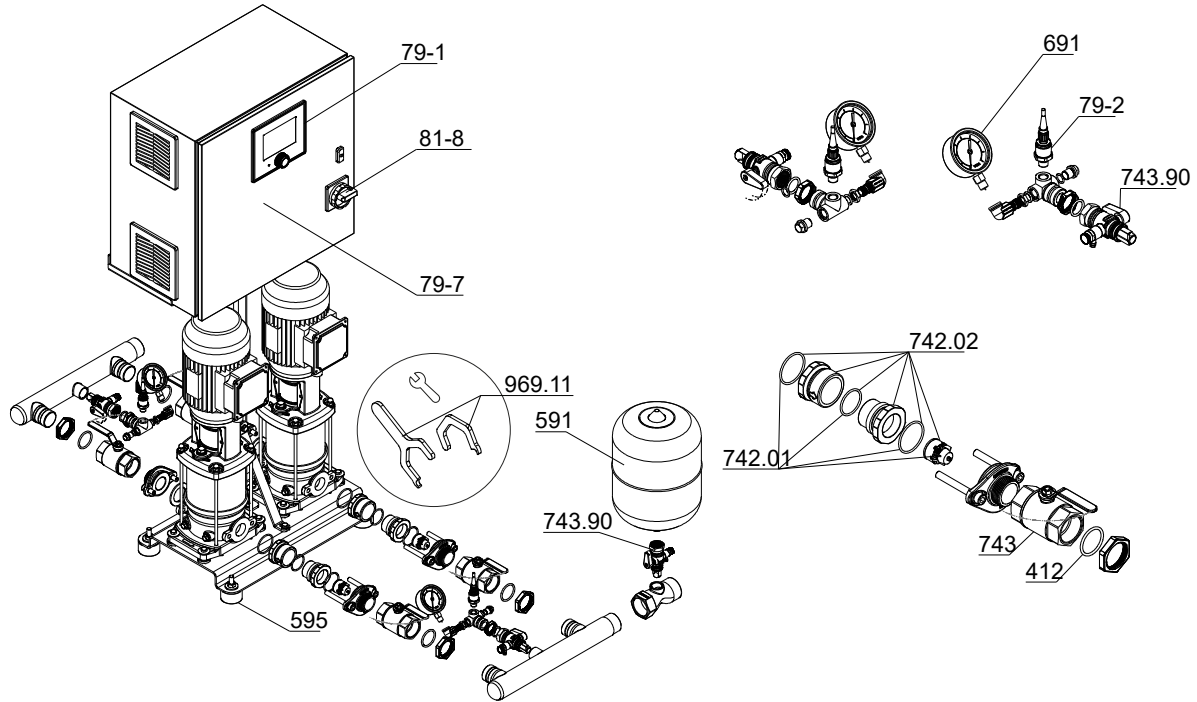


Fig. 33: DeltaPrimo VC

Table 37: List of components

Part No.	Description	Part No.	Description
79-1	Automatic control unit	595	Anti-vibration pad
79-2	Measuring transducer	691	Pressure gauge
79-7	Display for Danfoss frequency inverter (* in control cabinet, only for DeltaPrimo VC)	742.01/.02	Lift check valve
81-8	Kit-Master switch	743/743.90	Ball valve
412	O-ring	969.11	Tool
591	Membrane-type accumulator		

The individual parts of the pump set are shown in the product literature of the pump set.



DeltaPrimo SVP

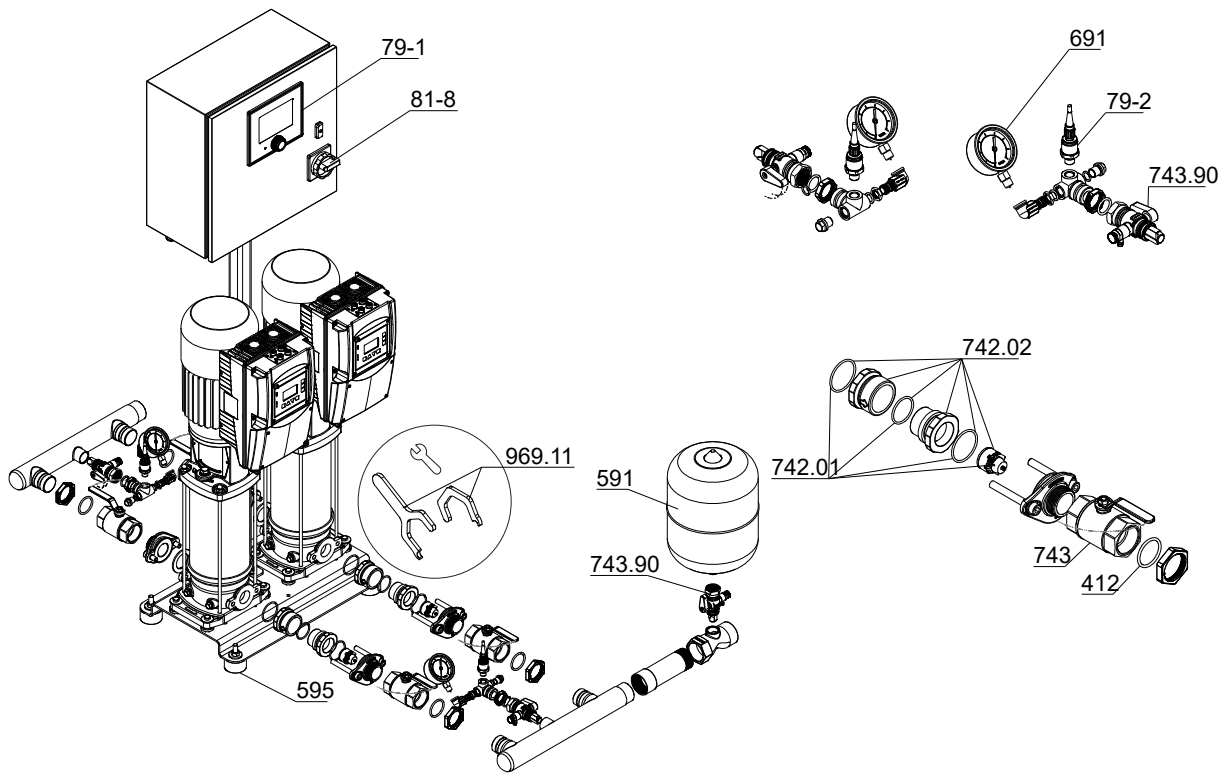


Fig. 34: DeltaPrimo SVP

Table 38: List of components

Part No.	Description	Part No.	Description
79-1	Automatic control unit	595	Anti-vibration pad
79-2	Measuring transducer	691	Pressure gauge
81-8	Kit-Master switch	742.01/02	Lift check valve
412	O-ring	743/743.90	Ball valve
591	Membrane-type accumulator	969.11	Tool

The individual parts of the pump set are shown in the product literature of the pump set.

**Accessories**

See the separate type series booklet Accessories for Pressure Booster Systems 1954.5.

## Glossary

### IE3

Efficiency class to IEC 60034-30: 3 = Premium Efficiency  
(IE = International Efficiency)

### IE5

Efficiency class to IEC TS 60034-30-2:2016 = Ultra  
Premium Efficiency (IE = International Efficiency)

### Mat. No.

This identification number is composed of an 8-digit  
numerical code that uniquely identifies a product  
entered in SAP.





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