

Pressure Booster System

DeltaBasic

DeltaBasic MVP
DeltaBasic SVP

Type Series Booklet



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Type Series Booklet DeltaBasic

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Building Services: Water Supply

Pressure Booster Systems

DeltaBasic



DeltaBasic SVP

DeltaBasic MVP

Main applications

- Pressure boosting

Fluids handled

- Drinking water
- Service water
- Cooling water
- Fluids not chemically or mechanically aggressive to the materials

Operating data

Table 1: Operating properties

Characteristic		Value	
		MVP	SVP
Flow rate	Q [m³/h]	≤ 66	≤ 88
	Q [l/s]	≤ 18,3	≤ 24,4
Head	H [m]	≤ 108	≤ 134
Fluid temperature	T _{min.} [°C]	≥ 0	≥ 0
	T _{max.} [°C]	≤ +60	≤ +60
Operating pressure	p [bar]	≤ 16	≤ 16
Max. inlet pressure	p _{inl} [bar]	≤ 8	≤ 8
Motor rating	P [kW]	2,20	7,50

Design details

Design

- Fully automatic pressure booster system
- Variable speed operation
- Baseplate-mounted
- Membrane-type accumulator (direct-flow) to DIN 4807-5 on the discharge side, approved for drinking water, with shut-off element and drain valve.

- 2 (MVP / SVP) / 3 (MVP / SVP) / 4 (SVP) vertical high-pressure pumps with variable speed control
- Hydraulic components made of stainless steel / brass
- Check valve per pump
- Pressure gauge
- Integrated dry running protection
- Pressure transmitter on the discharge side
- Anti-vibration pads per system
- Discharge-side gate valve per pump
- Suction side ball valve or shut-off butterfly valve per pump
- Suction-side manifold and discharge-side manifold made of stainless steel

Installation

- Stationary dry installation

Drive

- Electric motor
- Enclosure IP55

MVP:

- Efficiency class IE3 to IEC 60034-30

SVP:

- Efficiency class IE5 to IEC 60034-30

Automation

- One frequency inverter per pump

SVP:

- Display on each frequency inverter
- Fault message signalling contact per pump
- Operation signalling contact per pump

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
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 ¹⁾
	S	2 trimmed L-version impellers ¹⁾

¹ L-version impeller = design for low NPSH values

Position	Code	Description
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
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	BoosterControl Advanced
	2	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: Design DeltaBasic SVP / MVP

1	Control cabinet	4	Membrane-type accumulator
2	Pump	5	Manifold
3	Frequency inverter	6	Baseplate

Design

The fully automatic pressure booster system is equipped with two, three or four (SVP) vertical high-pressure pumps (2) (all of which are speed-controlled) for pumping the fluid handled to the consumer installations in the set pressure range.

Function

Two, three or four (SVP) pumps (2) are controlled and monitored by motor-mounted frequency inverters.

As the demand increases or decreases, 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.

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; the actual pressure is measured by an analog pressure transmitter.

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.

The use of variable speed pumps reduces wear as well as the frequency of pump starts in parallel operation. If a duty pump fails, the next pump is started up immediately. A fault is output, which can be reported via volt-free contacts (e.g. to the control station).

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

As standard, one of the pumps is on stand-by. The control system defines each of the pumps as stand-by pump in alternation. This prevents stagnation of water in any of the pumps. Via a parameter in the control system the stand-by pump function can be disabled in order to operate the system without stand-by function.

The pressure booster system is designed with integrated dry running protection.

The electrical connection cabinet contains digital contacts for a lack-of-water display.

DeltaBasic:

During commissioning and after every power failure, the pressure booster system fills the piping system slowly to prevent any damage to the piping by surge pressure.

Materials

Table 4: Overview of available materials

Part No. (⇒ Page 44)	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

- Energy-efficient operation and constant pressure ensured by speed control of all pumps.
- Suitable for drinking water; manufactured under stringent hygienic conditions
- Easy and fast commissioning of ready-to-connect, pre-assembled and tested system
- Corrosion resistance provided by powder-coated materials and stainless steel
- Integral dry running protection for reliable operation

SVP:

- Prevention of damage to the piping through pipe priming/filling function on version 3~400 V
- Remote monitoring of the system through connection to building management system

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>.

Selection information

Selection example

Requirements:

Required duty point:

- 2 duty pumps and 1 stand-by pump
- Flow rate: 10 m³/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 DeltaBasic SVP/MVP 3/0605.

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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Technical data

DeltaBasic MVP, inlet condition M

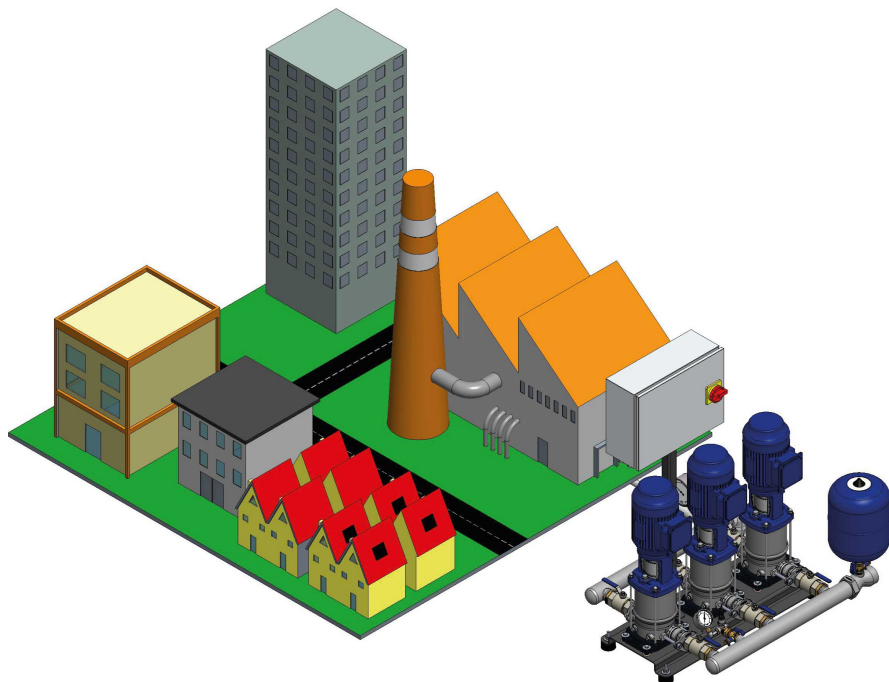


Fig. 2: Inlet conditions, version M (mains) = direct connection (inlet side of pressure booster system connected to the municipal water supply)

MVP = variable speed pressure booster system

3 × 400 V + N ± 10 %

Dry running protection = pressure switch

Table 6: 50 Hz

DeltaBasic	Number of pumps	Movitec	Number of stages	DN1	DN2	P _N [kW]	Efficiency class	I _N [A]	Frequency of starts [x/h]	I _{min} Overcurrent protection [A]	I _{max} Overcurrent protection [A]	Sound pressure level [dB(A)]	Enclosure	PN	Mat. No.	[kg]
MVP	2	02	02	G 1 1/2	G 1 1/2	0,37	IE2	4,5	50	7,8	25	60	IP55	16	48281304	73,046
MVP	2	02	03	G 1 1/2	G 1 1/2	0,37	IE2	4,5	50	7,8	25	60	IP55	16	48281305	73,936
MVP	2	02	04	G 1 1/2	G 1 1/2	0,37	IE2	4,5	50	7,8	25	60	IP55	16	48281306	74,868
MVP	2	02	05	G 1 1/2	G 1 1/2	0,37	IE2	4,5	50	7,8	25	60	IP55	16	48278511	75,794
MVP	2	02	06	G 1 1/2	G 1 1/2	0,55	IE2	4,5	50	7,8	25	60	IP55	16	48281307	79,728
MVP	2	02	07	G 1 1/2	G 1 1/2	0,55	IE2	4,5	50	7,8	25	60	IP55	16	48281308	80,616
MVP	2	02	08	G 1 1/2	G 1 1/2	0,55	IE2	4,5	50	7,8	25	60	IP55	16	48278512	82,024
MVP	2	02	09	G 1 1/2	G 1 1/2	0,75	IE3	7	180	13	25	55	IP55	16	48281309	86,856
MVP	2	02	10	G 1 1/2	G 1 1/2	0,75	IE3	7	180	13	25	55	IP55	16	48278513	87,812
MVP	2	02	11	G 1 1/2	G 1 1/2	1,10	IE3	7	180	13	25	55	IP55	16	48281310	93,346
MVP	2	02	12	G 1 1/2	G 1 1/2	1,10	IE3	7	180	13	25	55	IP55	16	48281311	94,288
MVP	2	02	14	G 1 1/2	G 1 1/2	1,10	IE3	7	180	13	25	55	IP55	16	48278514	96,628
MVP	2	04	02	G 1 1/2	G 1 1/2	0,37	IE2	4,5	50	7,8	25	60	IP55	16	48278515	72,886
MVP	2	04	03	G 1 1/2	G 1 1/2	0,55	IE2	4,5	50	7,8	25	60	IP55	16	48281315	76,698
MVP	2	04	04	G 1 1/2	G 1 1/2	0,55	IE2	4,5	50	7,8	25	60	IP55	16	48278516	77,552
MVP	2	04	05	G 1 1/2	G 1 1/2	0,75	IE3	7	180	13	25	55	IP55	16	48278517	82,256
MVP	2	04	06	G 1 1/2	G 1 1/2	1,10	IE3	7	180	13	25	55	IP55	16	48281316	87,712
MVP	2	04	07	G 1 1/2	G 1 1/2	1,10	IE3	7	180	13	25	55	IP55	16	48278518	89,002
MVP	2	04	08	G 1 1/2	G 1 1/2	1,50	IE3	11	50	19,1	25	55	IP55	16	48281317	99,58
MVP	2	04	09	G 1 1/2	G 1 1/2	1,50	IE3	11	50	19,1	25	55	IP55	16	48281318	100,478
MVP	2	04	10	G 1 1/2	G 1 1/2	1,50	IE3	11	50	19,1	25	55	IP55	16	48278519	101,356
MVP	2	04	11	G 1 1/2	G 1 1/2	2,20 (2,00)	IE3	11	30	19,1	25	55	IP55	16	48281319	111,292

DeltaBasic	Number of pumps	Movitec	Number of stages	DN1	DN2	P _N [kW]	Efficiency class	I _N [A]	Frequency of starts [x/h]	I _{min} Overcurrent protection [A]	I _{max} Overcurrent protection [A]	Sound pressure level [dB(A)]	Enclosure	PN	Mat. No.	[kg]
MVP	2	04	12	G 1 1/2	G 1 1/2	2,20 (2,00)	IE3	11	30	19,1	25	55	IP55	16	48281320	112,156
MVP	2	06	02	G 1 1/2	G 1 1/2	0,37	IE2	4,5	50	7,8	25	60	IP55	16	48278520	72,994
MVP	2	06	03	G 1 1/2	G 1 1/2	0,75	IE3	7	180	13	25	55	IP55	16	48278521	80,788
MVP	2	06	04	G 1 1/2	G 1 1/2	1,10	IE3	7	180	13	25	55	IP55	16	48281321	86,372
MVP	2	06	05	G 1 1/2	G 1 1/2	1,10	IE3	7	180	13	25	55	IP55	16	48278522	87,354
MVP	2	06	06	G 1 1/2	G 1 1/2	1,50	IE3	11	50	19,1	25	55	IP55	16	48281322	98,498
MVP	2	06	07	G 1 1/2	G 1 1/2	1,50	IE3	11	50	19,1	25	55	IP55	16	48281323	99,524
MVP	2	06	08	G 1 1/2	G 1 1/2	2,20 (2,00)	IE3	11	30	19,1	25	55	IP55	16	48281324	109,11
MVP	2	06	09	G 1 1/2	G 1 1/2	2,20 (2,00)	IE3	11	30	19,1	25	55	IP55	16	48281325	110,084
MVP	2	10	01	G 2	G 2	0,75	IE3	7	180	13	25	55	IP55	16	48281326	104,178
MVP	2	10	02	G 2	G 2	0,75	IE3	7	180	13	25	55	IP55	16	48278525	104,692
MVP	2	10	03	G 2	G 2	1,10	IE3	7	180	13	25	55	IP55	16	48278526	111,574
MVP	2	10	04	G 2	G 2	1,50	IE3	11	50	19,1	25	55	IP55	16	48278527	123,164
MVP	2	10	05	G 2	G 2	2,20 (2,00)	IE3	11	30	19,1	25	55	IP55	16	48281327	133,58
MVP	2	15	01	DN 65	DN 65	1,10	IE3	7	180	13	25	55	IP55	16	48245721	117,116
MVP	2	15	02	DN 65	DN 65	2,20 (2,00)	IE3	11	30	19,1	25	55	IP55	16	48245723	136,676
MVP	3	02	02	G 1 1/2	G 1 1/2	0,37	IE2	4,5	50	7,8	25	60	IP55	16	48281533	98,868
MVP	3	02	03	G 1 1/2	G 1 1/2	0,37	IE2	4,5	50	7,8	25	60	IP55	16	48281534	100,203
MVP	3	02	04	G 1 1/2	G 1 1/2	0,37	IE2	4,5	50	7,8	25	60	IP55	16	48281535	101,601
MVP	3	02	05	G 1 1/2	G 1 1/2	0,37	IE2	4,5	50	7,8	25	60	IP55	16	48278528	102,99
MVP	3	02	06	G 1 1/2	G 1 1/2	0,55	IE2	4,5	50	7,8	25	60	IP55	16	48281536	108,891
MVP	3	02	07	G 1 1/2	G 1 1/2	0,55	IE2	4,5	50	7,8	25	60	IP55	16	48281537	110,223
MVP	3	02	08	G 1 1/2	G 1 1/2	0,55	IE2	4,5	50	7,8	25	60	IP55	16	48278529	112,095
MVP	3	02	09	G 1 1/2	G 1 1/2	0,75	IE3	7	180	13	25	55	IP55	16	48281538	119,343
MVP	3	02	10	G 1 1/2	G 1 1/2	0,75	IE3	7	180	13	25	55	IP55	16	48278530	120,777
MVP	3	02	11	G 1 1/2	G 1 1/2	1,10	IE3	7	180	13	25	55	IP55	16	48281539	129,078
MVP	3	02	12	G 1 1/2	G 1 1/2	1,10	IE3	7	180	13	25	55	IP55	16	48281540	130,491
MVP	3	02	14	G 1 1/2	G 1 1/2	1,10	IE3	7	180	13	25	55	IP55	16	48278531	133,761
MVP	3	04	02	G 1 1/2	G 1 1/2	0,37	IE2	4,5	50	7,8	25	60	IP55	16	48278532	98,628
MVP	3	04	03	G 1 1/2	G 1 1/2	0,55	IE2	4,5	50	7,8	25	60	IP55	16	48281544	104,346
MVP	3	04	04	G 1 1/2	G 1 1/2	0,55	IE2	4,5	50	7,8	25	60	IP55	16	48278533	105,627
MVP	3	04	05	G 1 1/2	G 1 1/2	0,75	IE3	7	180	13	25	55	IP55	16	48278534	112,683
MVP	3	04	06	G 1 1/2	G 1 1/2	1,10	IE3	7	180	13	25	55	IP55	16	48281545	120,867
MVP	3	04	07	G 1 1/2	G 1 1/2	1,10	IE3	7	180	13	25	55	IP55	16	48278535	122,562
MVP	3	04	08	G 1 1/2	G 1 1/2	1,50	IE3	11	50	19,1	25	55	IP55	16	48281546	138,429
MVP	3	04	09	G 1 1/2	G 1 1/2	1,50	IE3	11	50	19,1	25	55	IP55	16	48281547	139,776
MVP	3	04	10	G 1 1/2	G 1 1/2	1,50	IE3	11	50	19,1	25	55	IP55	16	48278536	141,093
MVP	3	04	11	G 1 1/2	G 1 1/2	2,20 (2,00)	IE3	11	30	19,1	25	55	IP55	16	48281548	155,757
MVP	3	04	12	G 1 1/2	G 1 1/2	2,20 (2,00)	IE3	11	30	19,1	25	55	IP55	16	48281549	157,053
MVP	3	06	02	G 2	G 2	0,37	IE2	4,5	50	7,8	25	60	IP55	16	48278537	100,81
MVP	3	06	03	G 2	G 2	0,75	IE3	7	180	13	25	55	IP55	16	48278538	112,501
MVP	3	06	04	G 2	G 2	1,10	IE3	7	180	13	25	55	IP55	16	48281550	120,877
MVP	3	06	05	G 2	G 2	1,10	IE3	7	180	13	25	55	IP55	16	48278539	122,35
MVP	3	06	06	G 2	G 2	1,50	IE3	11	50	19,1	25	55	IP55	16	48281551	138,826
MVP	3	06	07	G 2	G 2	1,50	IE3	11	50	19,1	25	55	IP55	16	48278540	140,365
MVP	3	06	08	G 2	G 2	2,20 (2,00)	IE3	11	30	19,1	25	55	IP55	16	48281552	154,744
MVP	3	06	09	G 2	G 2	2,20 (2,00)	IE3	11	30	19,1	25	55	IP55	16	48281553	156,205
MVP	3	10	01	G 2	G 2	0,75	IE3	7	180	13	25	55	IP55	16	48281554	146,081
MVP	3	10	02	G 2	G 2	0,75	IE3	7	180	13	25	55	IP55	16	48278542	146,852
MVP	3	10	03	G 2	G 2	1,10	IE3	7	180	13	25	55	IP55	16	48278543	156,935
MVP	3	10	04	G 2	G 2	1,50	IE3	11	50	19,1	25	55	IP55	16	48278544	174,32

1983.531/11-EN

DeltaBasic	Number of pumps	Movitec	Number of stages	DN1	DN2	P _N [kW]	Efficiency class	I _N [A]	Frequency of starts [x/h]	I _{min} Overcurrent protection [A]	I _{max} Overcurrent protection [A]	Sound pressure level [dB(A)]	Enclosure	PN	Mat. No.	[kg]
MVP	3	10	05	G 2	G 2	2,20 (2,00)	IE3	11	30	19,1	25	55	IP55	16	48281555	189,944
MVP	3	15	01	DN 65	DN 65	1,10	IE3	7	180	13	25	55	IP55	16	48245730	164,548
MVP	3	15	02	DN 65	DN 65	2,20 (2,00)	IE3	11	30	19,1	25	55	IP55	16	48245732	193,648

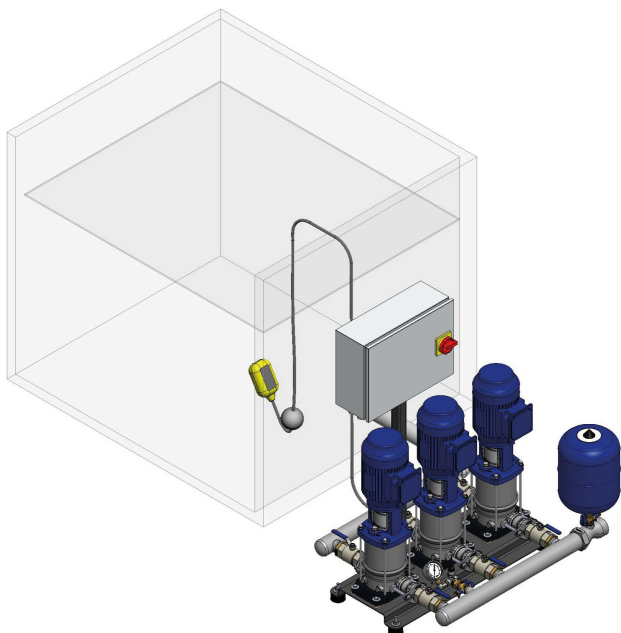
DeltaBasic MVP, inlet condition F


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.

MVP = variable speed pressure booster system

3 × 400 V + N ± 10 %

Table 7: 50 Hz

DeltaBasic	Number of pumps	Movitec	Number of stages	DN1	DN2	P _N [kW]	Efficiency class	I _N [A]	Frequency of starts [x/h]	I _{min} Overcurrent protection [A]	I _{max} Overcurrent protection [A]	Sound pressure level [dB(A)]	Enclosure	PN	Mat. No.	[kg]
MVP	2	02	02	G 1 1/2	DN 40	0,37	IE2	4,5	50	4,5	25	60	IP55	16	05166572	72,06
MVP	2	02	03	G 1 1/2	DN 40	0,37	IE2	4,5	50	4,5	25	60	IP55	16	05166574	72,95
MVP	2	02	04	G 1 1/2	DN 40	0,37	IE2	4,5	50	4,5	25	60	IP55	16	05166576	73,882
MVP	2	02	05	G 1 1/2	DN 40	0,37	IE2	4,5	50	4,5	25	60	IP55	16	05166578	74,808
MVP	2	02	06	G 1 1/2	DN 40	0,55	IE2	4,5	50	4,5	25	60	IP55	16	05166580	78,742
MVP	2	02	07	G 1 1/2	DN 40	0,55	IE2	4,5	50	4,5	25	60	IP55	16	05166582	79,63
MVP	2	02	08	G 1 1/2	DN 40	0,55	IE2	4,5	50	4,5	25	60	IP55	16	05166584	81,038
MVP	2	02	09	G 1 1/2	DN 40	0,75	IE3	7	180	7	25	55	IP55	16	05166586	85,87
MVP	2	02	10	G 1 1/2	DN 40	0,75	IE3	7	180	7	25	55	IP55	16	05166588	86,826
MVP	2	02	11	G 1 1/2	DN 40	1,10	IE3	7	180	7	25	55	IP55	16	05166590	92,36
MVP	2	02	12	G 1 1/2	DN 40	1,10	IE3	7	180	7	25	55	IP55	16	05166592	93,302
MVP	2	02	14	G 1 1/2	DN 40	1,10	IE3	7	180	7	25	55	IP55	16	05166594	95,642
MVP	2	02	16	G 1 1/2	DN 40	1,50	IE3	11	50	11	25	55	IP55	16	05166596	107,244
MVP	2	02	18	G 1 1/2	DN 40	1,50	IE3	11	50	11	25	55	IP55	16	05166598	109,102
MVP	2	04	02	G 1 1/2	DN 40	0,37	IE2	4,5	50	4,5	25	60	IP55	16	05166602	71,9
MVP	2	04	03	G 1 1/2	DN 40	0,55	IE2	4,5	50	4,5	25	60	IP55	16	05166604	75,712
MVP	2	04	04	G 1 1/2	DN 40	0,55	IE2	4,5	50	4,5	25	60	IP55	16	05166606	76,566
MVP	2	04	05	G 1 1/2	DN 40	0,75	IE3	7	180	7	25	55	IP55	16	05166608	81,27
MVP	2	04	06	G 1 1/2	DN 40	1,10	IE3	7	180	7	25	55	IP55	16	05166610	86,726
MVP	2	04	07	G 1 1/2	DN 40	1,10	IE3	7	180	7	25	55	IP55	16	05166612	88,016
MVP	2	04	08	G 1 1/2	DN 40	1,50	IE3	11	50	11	25	55	IP55	16	05166614	98,594
MVP	2	04	09	G 1 1/2	DN 40	1,50	IE3	11	50	11	25	55	IP55	16	05166616	99,492
MVP	2	04	10	G 1 1/2	DN 40	1,50	IE3	11	50	11	25	55	IP55	16	05166618	100,37
MVP	2	04	11	G 1 1/2	DN 40	2,20 (2,00)	IE3	11	30	11	25	55	IP55	16	05166620	110,306
MVP	2	04	12	G 1 1/2	DN 40	2,20 (2,00)	IE3	11	30	11	25	55	IP55	16	05166622	111,17
MVP	2	06	02	G 1 1/2	DN 40	0,37	IE2	4,5	50	4,5	25	60	IP55	16	05166626	72,008

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DeltaBasic	Number of pumps	Movitec	Number of stages	DN1	DN2	P _N [kW]	Efficiency class	I _N [A]	Frequency of starts [x/h]	I _{min} Overcurrent protection [A]	I _{max} Overcurrent protection [A]	Sound pressure level [dB(A)]	Enclosure	PN	Mat. No.	[kg]
MVP	2	06	03	G 1 1/2	DN 40	0,75	IE3	7	180	7	25	55	IP55	16	05166628	79,802
MVP	2	06	04	G 1 1/2	DN 40	1,10	IE3	7	180	7	25	55	IP55	16	05166630	85,386
MVP	2	06	05	G 1 1/2	DN 40	1,10	IE3	7	180	7	25	55	IP55	16	05166632	86,368
MVP	2	06	06	G 1 1/2	DN 40	1,50	IE3	11	50	11	25	55	IP55	16	05166634	97,512
MVP	2	06	07	G 1 1/2	DN 40	1,50	IE3	11	50	11	25	55	IP55	16	05166636	98,538
MVP	2	06	08	G 1 1/2	DN 40	2,20 (2,00)	IE3	11	30	11	25	55	IP55	16	05166638	108,124
MVP	2	06	09	G 1 1/2	DN 40	2,20 (2,00)	IE3	11	30	11	25	55	IP55	16	05166640	109,098
MVP	2	10	01	G 2	DN 50	0,75	IE3	7	180	7	25	55	IP55	16	05166647	103,192
MVP	2	10	02	G 2	DN 50	0,75	IE3	7	180	7	25	55	IP55	16	05166649	103,706
MVP	2	10	03	G 2	DN 50	1,10	IE3	7	180	7	25	55	IP55	16	05166651	110,588
MVP	2	10	04	G 2	DN 50	1,50	IE3	11	50	11	25	55	IP55	16	05166653	122,178
MVP	2	10	05	G 2	DN 50	2,20 (2,00)	IE3	11	30	11	25	55	IP55	16	05166655	132,594
MVP	2	15	01	DN 65	DN 65	1,10	IE3	7	180	4,5	25	55	IP55	16	05168414	116,13
MVP	2	15	02	DN 65	DN 65	2,20 (2,00)	IE3	11	30	4,5	25	55	IP55	16	05168416	135,69
MVP	3	02	02	G 1 1/2	DN 40	0,37	IE2	4,5	50	4,5	25	60	IP55	16	05166664	97,882
MVP	3	02	03	G 1 1/2	DN 40	0,37	IE2	4,5	50	4,5	25	60	IP55	16	05166666	99,217
MVP	3	02	04	G 1 1/2	DN 40	0,37	IE2	4,5	50	4,5	25	60	IP55	16	05166668	100,615
MVP	3	02	05	G 1 1/2	DN 40	0,37	IE2	4,5	50	4,5	25	60	IP55	16	05166670	102,004
MVP	3	02	06	G 1 1/2	DN 40	0,55	IE2	4,5	50	4,5	25	60	IP55	16	05166672	107,905
MVP	3	02	07	G 1 1/2	DN 40	0,55	IE2	4,5	50	4,5	25	60	IP55	16	05166674	109,237
MVP	3	02	08	G 1 1/2	DN 40	0,55	IE2	4,5	50	4,5	25	60	IP55	16	05166676	111,109
MVP	3	02	09	G 1 1/2	DN 40	0,75	IE3	7	180	7	25	55	IP55	16	05166678	118,357
MVP	3	02	10	G 1 1/2	DN 40	0,75	IE3	7	180	7	25	55	IP55	16	05166680	119,791
MVP	3	02	11	G 1 1/2	DN 40	1,10	IE3	7	180	7	25	55	IP55	16	05166682	128,092
MVP	3	02	12	G 1 1/2	DN 40	1,10	IE3	7	180	7	25	55	IP55	16	05166684	129,505
MVP	3	02	14	G 1 1/2	DN 40	1,10	IE3	7	180	7	25	55	IP55	16	05166686	132,775
MVP	3	02	16	G 1 1/2	DN 40	1,50	IE3	11	50	11	25	55	IP55	16	05166688	150,178
MVP	3	02	18	G 1 1/2	DN 40	1,50	IE3	11	50	11	25	55	IP55	16	05166690	152,965
MVP	3	04	02	G 1 1/2	DN 40	0,37	IE2	4,5	50	4,5	25	60	IP55	16	05166694	97,642
MVP	3	04	03	G 1 1/2	DN 40	0,55	IE2	4,5	50	4,5	25	60	IP55	16	05166696	103,36
MVP	3	04	04	G 1 1/2	DN 40	0,55	IE2	4,5	50	4,5	25	60	IP55	16	05166698	104,641
MVP	3	04	05	G 1 1/2	DN 40	0,75	IE3	7	180	7	25	55	IP55	16	05166700	111,697
MVP	3	04	06	G 1 1/2	DN 40	1,10	IE3	7	180	7	25	55	IP55	16	05166702	119,881
MVP	3	04	07	G 1 1/2	DN 40	1,10	IE3	7	180	7	25	55	IP55	16	05166704	121,576
MVP	3	04	08	G 1 1/2	DN 40	1,50	IE3	11	50	11	25	55	IP55	16	05166706	137,443
MVP	3	04	09	G 1 1/2	DN 40	1,50	IE3	11	50	11	25	55	IP55	16	05166708	138,79
MVP	3	04	10	G 1 1/2	DN 40	1,50	IE3	11	50	11	25	55	IP55	16	05166710	140,107
MVP	3	04	11	G 1 1/2	DN 40	2,20 (2,00)	IE3	11	30	11	25	55	IP55	16	05166712	154,771
MVP	3	04	12	G 1 1/2	DN 40	2,20 (2,00)	IE3	11	30	11	25	55	IP55	16	05166714	156,067
MVP	3	06	02	G 2	DN 50	0,37	IE2	4,5	50	4,5	25	60	IP55	16	05166718	99,824
MVP	3	06	03	G 2	DN 50	0,75	IE3	7	180	7	25	55	IP55	16	05166720	111,515
MVP	3	06	04	G 2	DN 50	1,10	IE3	7	180	7	25	55	IP55	16	05166722	119,891
MVP	3	06	05	G 2	DN 50	1,10	IE3	7	180	7	25	55	IP55	16	05166724	121,364
MVP	3	06	06	G 2	DN 50	1,50	IE3	11	50	11	25	55	IP55	16	05166726	137,84
MVP	3	06	07	G 2	DN 50	1,50	IE3	11	50	11	25	55	IP55	16	05166728	139,379
MVP	3	06	08	G 2	DN 50	2,20 (2,00)	IE3	11	30	11	25	55	IP55	16	05166730	153,758
MVP	3	06	09	G 2	DN 50	2,20 (2,00)	IE3	11	30	11	25	55	IP55	16	05166732	155,219
MVP	3	10	01	G 2	DN 50	0,75	IE3	7	180	7	25	55	IP55	16	05166739	145,095
MVP	3	10	02	G 2	DN 50	0,75	IE3	7	180	7	25	55	IP55	16	05166741	145,866
MVP	3	10	03	G 2	DN 50	1,10	IE3	7	180	7	25	55	IP55	16	05166743	155,949
MVP	3	10	04	G 2	DN 50	1,50	IE3	11	50	11	25	55	IP55	16	05166745	173,334

DeltaBasic	Number of pumps	Movitec	Number of stages	DN1	DN2	P _N [kW]	Efficiency class	I _N [A]	Frequency of starts [x/h]	I _{min} Overcurrent protection [A]	I _{max} Overcurrent protection [A]	Sound pressure level [dB(A)]	Enclosure	PN	Mat. No.	[kg]
MVP	3	10	05	G 2	DN 50	2,20 (2,00)	IE3	11	30	11	25	55	IP55	16	05166747	188,958
MVP	3	15	01	DN 65	DN 65	1,10	IE3	7	180	1,8	25	55	IP55	16	05168423	163,562
MVP	3	15	02	DN 65	DN 65	2,20 (2,00)	IE3	11	30	1,8	25	55	IP55	16	05168425	192,662

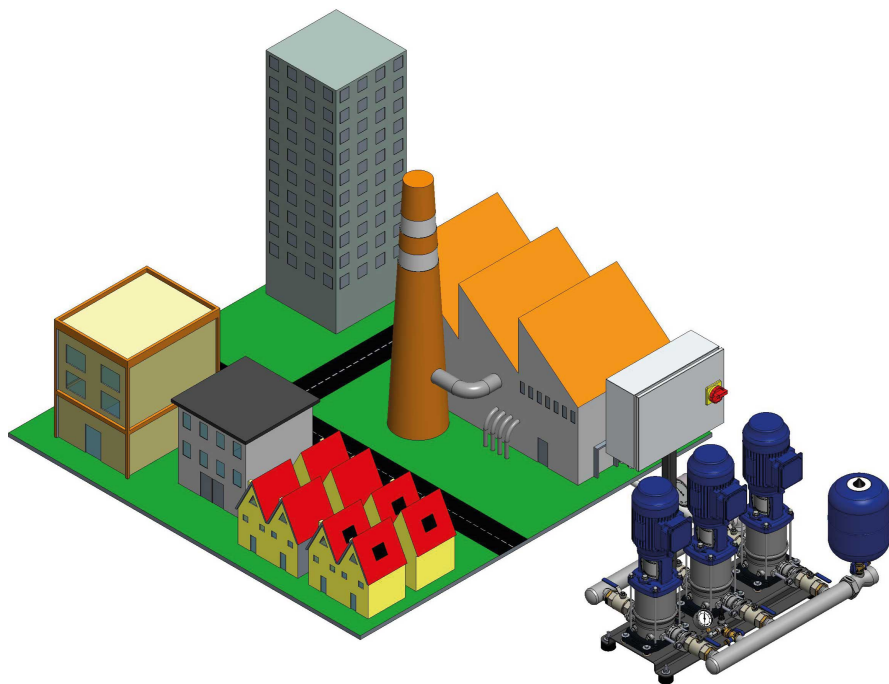
DeltaBasic SVP, inlet condition M


Fig. 4: 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 8: 50 Hz

DeltaBasic	Number of pumps	Movitec	Number of stages	DN1	DN2	P _N [kW]	Efficiency class	I _N [A]	Frequency of starts [x/h]	I _{min} Overcurrent protection [A]	I _{max} 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	IE5	1,3	-	3,8	25	70	IP55	16	48281330	81,023
SVP	2	02	03	G 1 1/2	G 1 1/2	0,37	IE5	1,3	-	3,8	25	70	IP55	16	48281331	81,913
SVP	2	02	04	G 1 1/2	G 1 1/2	0,37	IE5	1,3	-	3,8	25	70	IP55	16	48281332	82,845
SVP	2	02	05	G 1 1/2	G 1 1/2	0,55	IE5	1,8	-	5	25	70	IP55	16	48278545	83,771
SVP	2	02	06	G 1 1/2	G 1 1/2	0,55	IE5	1,8	-	5	25	70	IP55	16	48281333	84,705
SVP	2	02	07	G 1 1/2	G 1 1/2	0,55	IE5	1,8	-	5	25	70	IP55	16	48281334	85,593
SVP	2	02	08	G 1 1/2	G 1 1/2	0,75	IE5	2,5	-	6,4	25	70	IP55	16	48278546	89,941
SVP	2	02	09	G 1 1/2	G 1 1/2	0,75	IE5	2,5	-	6,4	25	70	IP55	16	48281335	90,917
SVP	2	02	10	G 1 1/2	G 1 1/2	0,75	IE5	2,5	-	6,4	25	70	IP55	16	48278547	91,873
SVP	2	02	11	G 1 1/2	G 1 1/2	1,10	IE5	3,5	-	8,4	25	70	IP55	16	48281336	96,807
SVP	2	02	12	G 1 1/2	G 1 1/2	1,10	IE5	3,5	-	8,4	25	70	IP55	16	48281337	97,749
SVP	2	02	14	G 1 1/2	G 1 1/2	1,10	IE5	3,5	-	8,4	25	70	IP55	16	48278548	100,089
SVP	2	04	02	G 1 1/2	G 1 1/2	0,37	IE5	1,3	-	3,8	25	70	IP55	16	48278549	80,863
SVP	2	04	03	G 1 1/2	G 1 1/2	0,55	IE5	1,8	-	5	25	70	IP55	16	48281341	81,675
SVP	2	04	04	G 1 1/2	G 1 1/2	0,75	IE5	2,5	-	6,4	25	70	IP55	16	48278550	85,469
SVP	2	04	05	G 1 1/2	G 1 1/2	0,75	IE5	2,5	-	6,4	25	70	IP55	16	48278551	86,317
SVP	2	04	06	G 1 1/2	G 1 1/2	1,10	IE5	3,5	-	8,4	25	70	IP55	16	48281342	91,173
SVP	2	04	07	G 1 1/2	G 1 1/2	1,10	IE5	3,5	-	8,4	25	70	IP55	16	48278552	92,463
SVP	2	04	08	G 1 1/2	G 1 1/2	1,50	IE5	4,9	-	8,9	25	70	IP55	16	48281343	100,393
SVP	2	04	09	G 1 1/2	G 1 1/2	1,50	IE5	4,9	-	8,9	25	70	IP55	16	48281344	101,291
SVP	2	04	10	G 1 1/2	G 1 1/2	1,50	IE5	4,9	-	8,9	25	70	IP55	16	48278553	102,169
SVP	2	04	11	G 1 1/2	G 1 1/2	2,20	IE5	6	-	12,8	25	70	IP55	16	48281345	111,559
SVP	2	04	12	G 1 1/2	G 1 1/2	2,20	IE5	6	-	12,8	25	70	IP55	16	48281346	112,423
SVP	2	06	02	G 1 1/2	G 1 1/2	0,55	IE5	1,8	-	5	25	70	IP55	16	48278555	80,971

DeltaBasic	Number of pumps	Movitec	Number of stages	DN1	DN2	P _N [kW]	Efficiency class	I _N [A]	Frequency of starts [x/h]	I _{min} Overcurrent protection [A]	I _{max} Overcurrent protection [A]	Sound pressure level [dB(A)]	Enclosure	PN	Mat. No.	[kg]
SVP	2	06	03	G 1 1/2	G 1 1/2	0,75	IE5	2,5	-	6,4	25	70	IP55	16	48278556	84,849
SVP	2	06	04	G 1 1/2	G 1 1/2	1,10	IE5	3,5	-	8,4	25	70	IP55	16	48281348	89,833
SVP	2	06	05	G 1 1/2	G 1 1/2	1,10	IE5	3,5	-	8,4	25	70	IP55	16	48278557	90,815
SVP	2	06	06	G 1 1/2	G 1 1/2	1,50	IE5	4,9	-	8,9	25	70	IP55	16	48281349	99,311
SVP	2	06	07	G 1 1/2	G 1 1/2	1,50	IE5	4,9	-	8,9	25	70	IP55	16	48278558	100,337
SVP	2	06	08	G 1 1/2	G 1 1/2	2,20	IE5	6	-	12,8	25	70	IP55	16	48281350	109,377
SVP	2	06	09	G 1 1/2	G 1 1/2	2,20	IE5	6	-	12,8	25	70	IP55	16	48281351	110,351
SVP	2	06	10	G 1 1/2	G 1 1/2	2,20	IE5	6	-	12,8	25	70	IP55	16	48278559	111,843
SVP	2	06	11	G 1 1/2	G 1 1/2	3,00	IE5	8	-	16,3	25	71	IP55	16	48281352	125,567
SVP	2	06	12	G 1 1/2	G 1 1/2	3,00	IE5	8	-	16,3	25	71	IP55	16	48281353	126,553
SVP	2	10	01	G 2	G 2	0,75	IE5	2,5	-	6,4	25	70	IP55	16	48281355	108,239
SVP	2	10	02	G 2	G 2	0,75	IE5	2,5	-	6,4	25	70	IP55	16	48278561	108,753
SVP	2	10	03	G 2	G 2	1,10	IE5	3,5	-	8,4	25	70	IP55	16	48278562	115,035
SVP	2	10	04	G 2	G 2	1,50	IE5	4,9	-	8,9	25	70	IP55	16	48278563	123,977
SVP	2	10	05	G 2	G 2	2,20	IE5	6	-	12,8	25	70	IP55	16	48281356	133,847
SVP	2	10	06	G 2	G 2	2,20	IE5	6	-	12,8	25	70	IP55	16	48278564	135,659
SVP	2	10	07	G 2	G 2	3,00	IE5	8	-	16,3	25	71	IP55	16	48281357	150,843
SVP	2	10	08	G 2	G 2	3,00	IE5	8	-	16,3	25	71	IP55	16	48278565	152,709
SVP	2	10	09	G 2	G 2	4,00	IE5	10	-	16,6	25	71	IP55	16	48281358	177,719
SVP	2	10	10	G 2	G 2	4,00	IE5	10	-	16,6	25	71	IP55	16	48281359	183,191
SVP	2	15	01	DN 65	DN 65	1,10	IE5	3,5	-	8,4	25	70	IP55	16	48245722	120,577
SVP	2	15	02	DN 65	DN 65	2,20	IE5	6	-	12,8	25	70	IP55	16	48245724	136,943
SVP	2	15	03	DN 65	DN 65	3,00	IE5	8	-	16,3	25	71	IP55	16	48245725	152,297
SVP	2	15	04	DN 65	DN 65	4,00	IE5	10	-	16,6	25	71	IP55	16	48245726	177,235
SVP	2	15	05	DN 65	DN 65	5,50	IE5	14	-	25,2	40	71	IP55	16	48245727	220,066
SVP	2	15	06	DN 65	DN 65	7,50	IE5	18	-	31,8	40	71	IP55	16	48245728	254,524
SVP	2	15	07	DN 65	DN 65	7,50	IE5	18	-	31,8	40	71	IP55	16	48245729	256,982
SVP	3	02	02	G 1 1/2	G 1 1/2	0,37	IE5	1,3	-	5,2	25	70	IP55	16	48281558	110,419
SVP	3	02	03	G 1 1/2	G 1 1/2	0,37	IE5	1,3	-	5,2	25	70	IP55	16	48281559	111,754
SVP	3	02	04	G 1 1/2	G 1 1/2	0,37	IE5	1,3	-	5,2	25	70	IP55	16	48281560	113,152
SVP	3	02	05	G 1 1/2	G 1 1/2	0,55	IE5	1,8	-	7	25	70	IP55	16	48278572	114,541
SVP	3	02	06	G 1 1/2	G 1 1/2	0,55	IE5	1,8	-	7	25	70	IP55	16	48281561	115,942
SVP	3	02	07	G 1 1/2	G 1 1/2	0,55	IE5	1,8	-	7	25	70	IP55	16	48281562	117,274
SVP	3	02	08	G 1 1/2	G 1 1/2	0,75	IE5	2,5	-	9,1	25	70	IP55	16	48278573	123,556
SVP	3	02	09	G 1 1/2	G 1 1/2	0,75	IE5	2,5	-	9,1	25	70	IP55	16	48281563	125,02
SVP	3	02	10	G 1 1/2	G 1 1/2	0,75	IE5	2,5	-	9,1	25	70	IP55	16	48278574	126,454
SVP	3	02	11	G 1 1/2	G 1 1/2	1,10	IE5	3,5	-	12,1	25	70	IP55	16	48281564	133,723
SVP	3	02	12	G 1 1/2	G 1 1/2	1,10	IE5	3,5	-	12,1	25	70	IP55	16	48281565	135,136
SVP	3	02	14	G 1 1/2	G 1 1/2	1,10	IE5	3,5	-	12,1	25	70	IP55	16	48278575	138,406
SVP	3	04	02	G 1 1/2	G 1 1/2	0,37	IE5	1,3	-	5,2	25	70	IP55	16	48278576	110,179
SVP	3	04	03	G 1 1/2	G 1 1/2	0,55	IE5	1,8	-	7	25	70	IP55	16	48281569	111,397
SVP	3	04	04	G 1 1/2	G 1 1/2	0,75	IE5	2,5	-	9,1	25	70	IP55	16	48278577	117,088
SVP	3	04	05	G 1 1/2	G 1 1/2	0,75	IE5	2,5	-	9,1	25	70	IP55	16	48278578	118,36
SVP	3	04	06	G 1 1/2	G 1 1/2	1,10	IE5	3,5	-	12,1	25	70	IP55	16	48281570	125,512
SVP	3	04	07	G 1 1/2	G 1 1/2	1,10	IE5	3,5	-	12,1	25	70	IP55	16	48278579	127,207
SVP	3	04	08	G 1 1/2	G 1 1/2	1,50	IE5	4,9	-	12,8	25	70	IP55	16	48281571	139,222
SVP	3	04	09	G 1 1/2	G 1 1/2	1,50	IE5	4,9	-	12,8	25	70	IP55	16	48281572	140,569
SVP	3	04	10	G 1 1/2	G 1 1/2	1,50	IE5	4,9	-	12,8	25	70	IP55	16	48278580	141,886
SVP	3	04	11	G 1 1/2	G 1 1/2	2,20	IE5	6	-	18,6	25	70	IP55	16	48281573	155,733
SVP	3	04	12	G 1 1/2	G 1 1/2	2,20	IE5	6	-	18,6	25	70	IP55	16	48281574	157,029
SVP	3	06	02	G 2	G 2	0,55	IE5	1,8	-	7	25	70	IP55	16	48278582	112,361
SVP	3	06	03	G 2	G 2	0,75	IE5	2,5	-	9,1	25	70	IP55	16	48278583	118,178
SVP	3	06	04	G 2	G 2	1,10	IE5	3,5	-	12,1	25	70	IP55	16	48281576	125,522

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DeltaBasic	Number of pumps	Movitec	Number of stages	DN1	DN2	P _N [kW]	Efficiency class	I _N [A]	Frequency of starts [x/h]	I _{min} Overcurrent protection [A]	I _{max} Overcurrent protection [A]	Sound pressure level [dB(A)]	Enclosure	PN	Mat. No.	[kg]
SVP	3	06	05	G 2	G 2	1,10	IE5	3,5	-	12,1	25	70	IP55	16	48278584	126,995
SVP	3	06	06	G 2	G 2	1,50	IE5	4,9	-	12,8	25	70	IP55	16	48281577	139,619
SVP	3	06	07	G 2	G 2	1,50	IE5	4,9	-	12,8	25	70	IP55	16	48278585	141,158
SVP	3	06	08	G 2	G 2	2,20	IE5	6	-	18,6	25	70	IP55	16	48281578	154,72
SVP	3	06	09	G 2	G 2	2,20	IE5	6	-	18,6	25	70	IP55	16	48281579	156,181
SVP	3	06	10	G 2	G 2	2,20	IE5	6	-	18,6	25	70	IP55	16	48278586	158,179
SVP	3	06	11	G 2	G 2	3,00	IE5	8	-	24	25	71	IP55	16	48281580	179,353
SVP	3	06	12	G 2	G 2	3,00	IE5	8	-	24	25	71	IP55	16	48281581	180,832
SVP	3	10	01	G 2	G 2	0,75	IE5	2,5	-	9,1	25	70	IP55	16	48281583	151,758
SVP	3	10	02	G 2	G 2	0,75	IE5	2,5	-	9,1	25	70	IP55	16	48278588	152,529
SVP	3	10	03	G 2	G 2	1,10	IE5	3,5	-	12,1	25	70	IP55	16	48278589	161,58
SVP	3	10	04	G 2	G 2	1,50	IE5	4,9	-	12,8	25	70	IP55	16	48278590	175,113
SVP	3	10	05	G 2	G 2	2,20	IE5	6	-	18,6	25	70	IP55	16	48281584	189,92
SVP	3	10	06	G 2	G 2	2,20	IE5	6	-	18,6	25	70	IP55	16	48278591	192,638
SVP	3	10	07	G 2	G 2	3,00	IE5	8	-	24	25	71	IP55	16	48281585	215,762
SVP	3	10	08	G 2	G 2	3,00	IE5	8	-	24	25	71	IP55	16	48278592	218,561
SVP	3	10	09	G 2	G 2	4,00	IE5	10	-	24,4	25	71	IP55	16	48281586	256,076
SVP	3	10	10	G 2	G 2	4,00	IE5	10	-	24,4	25	71	IP55	16	48281587	262,509
SVP	3	15	01	DN 65	DN 65	1,10	IE5	3,5	-	12,1	25	70	IP55	16	48245731	169,193
SVP	3	15	02	DN 65	DN 65	2,20	IE5	6	-	18,6	25	70	IP55	16	48245733	193,624
SVP	3	15	03	DN 65	DN 65	3,00	IE5	8	-	24	25	71	IP55	16	48245734	217,243
SVP	3	15	04	DN 65	DN 65	4,00	IE5	10	-	24,4	25	71	IP55	16	48245735	254,41
SVP	3	15	05	DN 65	DN 65	5,50	IE5	14	-	37,3	40	71	IP55	16	48245736	316,551
SVP	3	15	06	DN 65	DN 65	7,50	IE5	18	-	47,1	50	71	IP55	16	48245737	368,238
SVP	3	15	07	DN 65	DN 65	7,50	IE5	18	-	47,1	50	71	IP55	16	48245738	371,925
SVP	4	02	02	G 1 1/2	G 1 1/2	0,37	IE5	1,3	-	6,6	25	70	IP55	16	48281760	142,731
SVP	4	02	03	G 1 1/2	G 1 1/2	0,37	IE5	1,3	-	6,6	25	70	IP55	16	48281761	144,511
SVP	4	02	04	G 1 1/2	G 1 1/2	0,37	IE5	1,3	-	6,6	25	70	IP55	16	48281762	146,375
SVP	4	02	05	G 1 1/2	G 1 1/2	0,55	IE5	1,8	-	9	25	70	IP55	16	48276279	148,227
SVP	4	02	06	G 1 1/2	G 1 1/2	0,55	IE5	1,8	-	9	25	70	IP55	16	48281763	150,095
SVP	4	02	07	G 1 1/2	G 1 1/2	0,55	IE5	1,8	-	9	25	70	IP55	16	48281764	151,871
SVP	4	02	08	G 1 1/2	G 1 1/2	0,75	IE5	2,5	-	11,8	25	70	IP55	16	48276280	160,087
SVP	4	02	09	G 1 1/2	G 1 1/2	0,75	IE5	2,5	-	11,8	25	70	IP55	16	48281765	162,039
SVP	4	02	10	G 1 1/2	G 1 1/2	0,75	IE5	2,5	-	11,8	25	70	IP55	16	48276281	163,951
SVP	4	02	11	G 1 1/2	G 1 1/2	1,10	IE5	3,5	-	15,8	25	70	IP55	16	48281766	173,819
SVP	4	02	12	G 1 1/2	G 1 1/2	1,10	IE5	3,5	-	15,8	25	70	IP55	16	48281767	175,703
SVP	4	02	14	G 1 1/2	G 1 1/2	1,10	IE5	3,5	-	15,8	25	70	IP55	16	48276282	179,903
SVP	4	04	02	G 1 1/2	G 1 1/2	0,37	IE5	1,3	-	6,6	25	70	IP55	16	48276283	142,411
SVP	4	04	03	G 1 1/2	G 1 1/2	0,55	IE5	1,8	-	9	25	70	IP55	16	48281771	144,035
SVP	4	04	04	G 1 1/2	G 1 1/2	0,75	IE5	2,5	-	11,8	25	70	IP55	16	48276284	151,623
SVP	4	04	05	G 1 1/2	G 1 1/2	0,75	IE5	2,5	-	11,8	25	70	IP55	16	48276285	153,319
SVP	4	04	06	G 1 1/2	G 1 1/2	1,10	IE5	3,5	-	15,8	25	70	IP55	16	48281772	163,031
SVP	4	04	07	G 1 1/2	G 1 1/2	1,10	IE5	3,5	-	15,8	25	70	IP55	16	48276286	165,131
SVP	4	04	08	G 1 1/2	G 1 1/2	1,50	IE5	4,9	-	16,7	25	70	IP55	16	48281773	180,991
SVP	4	04	09	G 1 1/2	G 1 1/2	1,50	IE5	4,9	-	16,7	25	70	IP55	16	48281774	182,787
SVP	4	04	10	G 1 1/2	G 1 1/2	1,50	IE5	4,9	-	16,7	25	70	IP55	16	48276287	184,543
SVP	4	04	11	G 1 1/2	G 1 1/2	2,20	IE5	6	-	24,5	25	70	IP55	16	48281775	203,398
SVP	4	04	12	G 1 1/2	G 1 1/2	2,20	IE5	6	-	24,5	25	70	IP55	16	48281776	205,126
SVP	4	06	02	G 2	G 2	0,55	IE5	1,8	-	9	25	70	IP55	16	48276289	145,217
SVP	4	06	03	G 2	G 2	0,75	IE5	2,5	-	11,8	25	70	IP55	16	48276290	152,973
SVP	4	06	04	G 2	G 2	1,10	IE5	3,5	-	15,8	25	70	IP55	16	48281778	162,941
SVP	4	06	05	G 2	G 2	1,10	IE5	3,5	-	15,8	25	70	IP55	16	48276291	164,905
SVP	4	06	06	G 2	G 2	1,50	IE5	4,9	-	16,7	25	70	IP55	16	48281779	181,417

DeltaBasic	Number of pumps	Movitec	Number of stages	DN1	DN2	P _N [kW]	Efficiency class	I _N [A]	Frequency of starts [x/h]	I _{min} Overcurrent protection [A]	I _{max} Overcurrent protection [A]	Sound pressure level [dB(A)]	Enclosure	PN	Mat. No.	[kg]
SVP	4	06	07	G 2	G 2	1,50	IE5	4,9	-	16,7	25	70	IP55	16	48276292	183,469
SVP	4	06	08	G 2	G 2	2,20	IE5	6	-	24,5	25	70	IP55	16	48281780	202,104
SVP	4	06	09	G 2	G 2	2,20	IE5	6	-	24,5	25	70	IP55	16	48281781	204,052
SVP	4	06	10	G 2	G 2	2,20	IE5	6	-	24,5	25	70	IP55	16	48276293	206,556
SVP	4	06	11	G 2	G 2	3,00	IE5	8	-	31,7	40	71	IP55	16	48281782	234,004
SVP	4	06	12	G 2	G 2	3,00	IE5	8	-	31,7	40	71	IP55	16	48281783	235,976
SVP	4	10	01	DN 65	DN 65	0,75	IE5	2,5	-	11,8	25	70	IP55	16	48281785	201,203
SVP	4	10	02	DN 65	DN 65	0,75	IE5	2,5	-	11,8	25	70	IP55	16	48276295	202,231
SVP	4	10	03	DN 65	DN 65	1,10	IE5	3,5	-	15,8	25	70	IP55	16	48276296	214,315
SVP	4	10	04	DN 65	DN 65	1,50	IE5	4,9	-	16,7	25	70	IP55	16	48276297	232,199
SVP	4	10	05	DN 65	DN 65	2,20	IE5	6	-	24,5	25	70	IP55	16	48281786	252,494
SVP	4	10	06	DN 65	DN 65	2,20	IE5	6	-	24,5	25	70	IP55	16	48276298	256,118
SVP	4	10	07	DN 65	DN 65	3,00	IE5	8	-	31,7	40	71	IP55	16	48281787	286,006
SVP	4	10	08	DN 65	DN 65	3,00	IE5	8	-	31,7	40	71	IP55	16	48276299	289,738
SVP	4	10	09	DN 65	DN 65	4,00	IE5	10	-	32,2	40	71	IP55	16	48281788	339,758
SVP	4	10	10	DN 65	DN 65	4,00	IE5	10	-	32,2	40	71	IP55	16	48281789	347,152
SVP	4	15	01	DN 100	DN 100	1,10	IE5	3,5	-	15,8	25	70	IP55	16	48245739	223,759
SVP	4	15	02	DN 100	DN 100	2,20	IE5	6	-	24,5	25	70	IP55	16	48245740	256,566
SVP	4	15	03	DN 100	DN 100	3,00	IE5	8	-	31,7	40	71	IP55	16	48245741	287,274
SVP	4	15	04	DN 100	DN 100	4,00	IE5	10	-	32,2	40	71	IP55	16	48245742	336,67
SVP	4	15	05	DN 100	DN 100	5,50	IE5	14	-	49,4	50	71	IP55	16	48245743	418,362
SVP	4	15	06	DN 100	DN 100	7,50	IE5	18	-	62,5	63	71	IP55	16	48245744	487,278
SVP	4	15	07	DN 100	DN 100	7,50	IE5	18	-	62,5	63	71	IP55	16	48245745	492,194

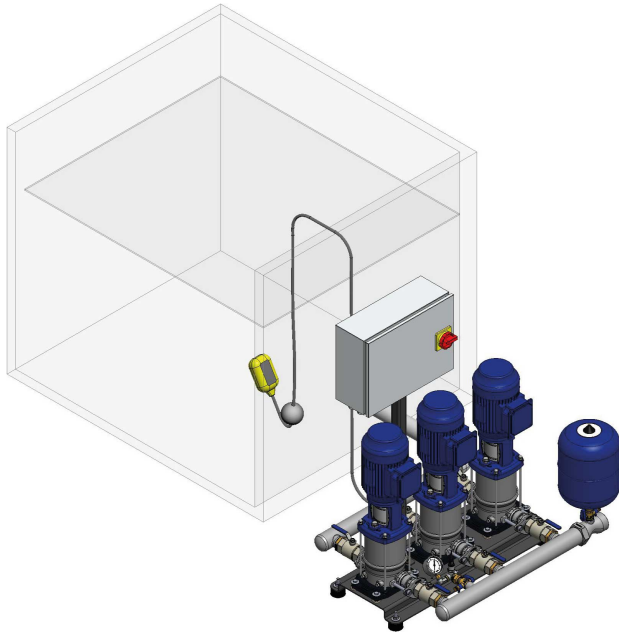
DeltaBasic SVP, inlet condition F


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.

SVP = variable speed pressure booster system with KSB SuPremE motor

3 × 400 V ± 10 %

Table 9: 50 Hz

DeltaBasic	Number of pumps	Movitec	Number of stages	DN1	DN2	P _N [kW]	Efficiency class	I _N [A]	Frequency of starts [x/h]	I _{min} Overcurrent protection [A]	I _{max} 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	IE5	1,3	-	3,8	25	70	IP55	16	05166573	81,023
SVP	2	02	03	G 1 1/2	DN 40	0,37	IE5	1,3	-	3,8	25	70	IP55	16	05166575	81,913
SVP	2	02	04	G 1 1/2	DN 40	0,37	IE5	1,3	-	3,8	25	70	IP55	16	05166577	82,845
SVP	2	02	05	G 1 1/2	DN 40	0,55	IE5	1,8	-	5	25	70	IP55	16	05166579	83,771
SVP	2	02	06	G 1 1/2	DN 40	0,55	IE5	1,8	-	5	25	70	IP55	16	05166581	84,705
SVP	2	02	07	G 1 1/2	DN 40	0,55	IE5	1,8	-	5	25	70	IP55	16	05166583	85,593
SVP	2	02	08	G 1 1/2	DN 40	0,75	IE5	2,5	-	6,4	25	70	IP55	16	05166585	89,941
SVP	2	02	09	G 1 1/2	DN 40	0,75	IE5	2,5	-	6,4	25	70	IP55	16	05166587	90,917
SVP	2	02	10	G 1 1/2	DN 40	0,75	IE5	2,5	-	6,4	25	70	IP55	16	05166589	91,873
SVP	2	02	11	G 1 1/2	DN 40	1,10	IE5	3,5	-	8,4	25	70	IP55	16	05166591	96,807
SVP	2	02	12	G 1 1/2	DN 40	1,10	IE5	3,5	-	8,4	25	70	IP55	16	05166593	97,749
SVP	2	02	14	G 1 1/2	DN 40	1,10	IE5	3,5	-	8,4	25	70	IP55	16	05166595	100,089
SVP	2	02	16	G 1 1/2	DN 40	1,50	IE5	4,9	-	8,9	25	70	IP55	16	05166597	109,043
SVP	2	02	18	G 1 1/2	DN 40	1,50	IE5	4,9	-	8,9	25	70	IP55	16	05166599	110,901
SVP	2	04	02	G 1 1/2	DN 40	0,37	IE5	1,3	-	3,8	25	70	IP55	16	05166603	80,863
SVP	2	04	03	G 1 1/2	DN 40	0,55	IE5	1,8	-	5	25	70	IP55	16	05166605	81,675
SVP	2	04	04	G 1 1/2	DN 40	0,75	IE5	2,5	-	6,4	25	70	IP55	16	05166607	85,469
SVP	2	04	05	G 1 1/2	DN 40	0,75	IE5	2,5	-	6,4	25	70	IP55	16	05166609	86,317
SVP	2	04	06	G 1 1/2	DN 40	1,10	IE5	3,5	-	8,4	25	70	IP55	16	05166611	91,173
SVP	2	04	07	G 1 1/2	DN 40	1,10	IE5	3,5	-	8,4	25	70	IP55	16	05166613	92,463
SVP	2	04	08	G 1 1/2	DN 40	1,50	IE5	4,9	-	8,9	25	70	IP55	16	05166615	100,393
SVP	2	04	09	G 1 1/2	DN 40	1,50	IE5	4,9	-	8,9	25	70	IP55	16	05166617	101,291
SVP	2	04	10	G 1 1/2	DN 40	1,50	IE5	4,9	-	8,9	25	70	IP55	16	05166619	102,169
SVP	2	04	11	G 1 1/2	DN 40	2,20	IE5	6	-	12,8	25	70	IP55	16	05166621	111,559
SVP	2	04	12	G 1 1/2	DN 40	2,20	IE5	6	-	12,8	25	70	IP55	16	05166623	112,423
SVP	2	04	14	G 1 1/2	DN 40	2,20	IE5	6	-	12,8	25	70	IP55	16	05166624	114,127
SVP	2	04	16	G 1 1/2	DN 40	3,00	IE5	8	-	16,3	25	71	IP55	16	05166625	128,589
SVP	2	06	02	G 1 1/2	DN 40	0,55	IE5	1,8	-	5	25	70	IP55	16	05166627	80,971

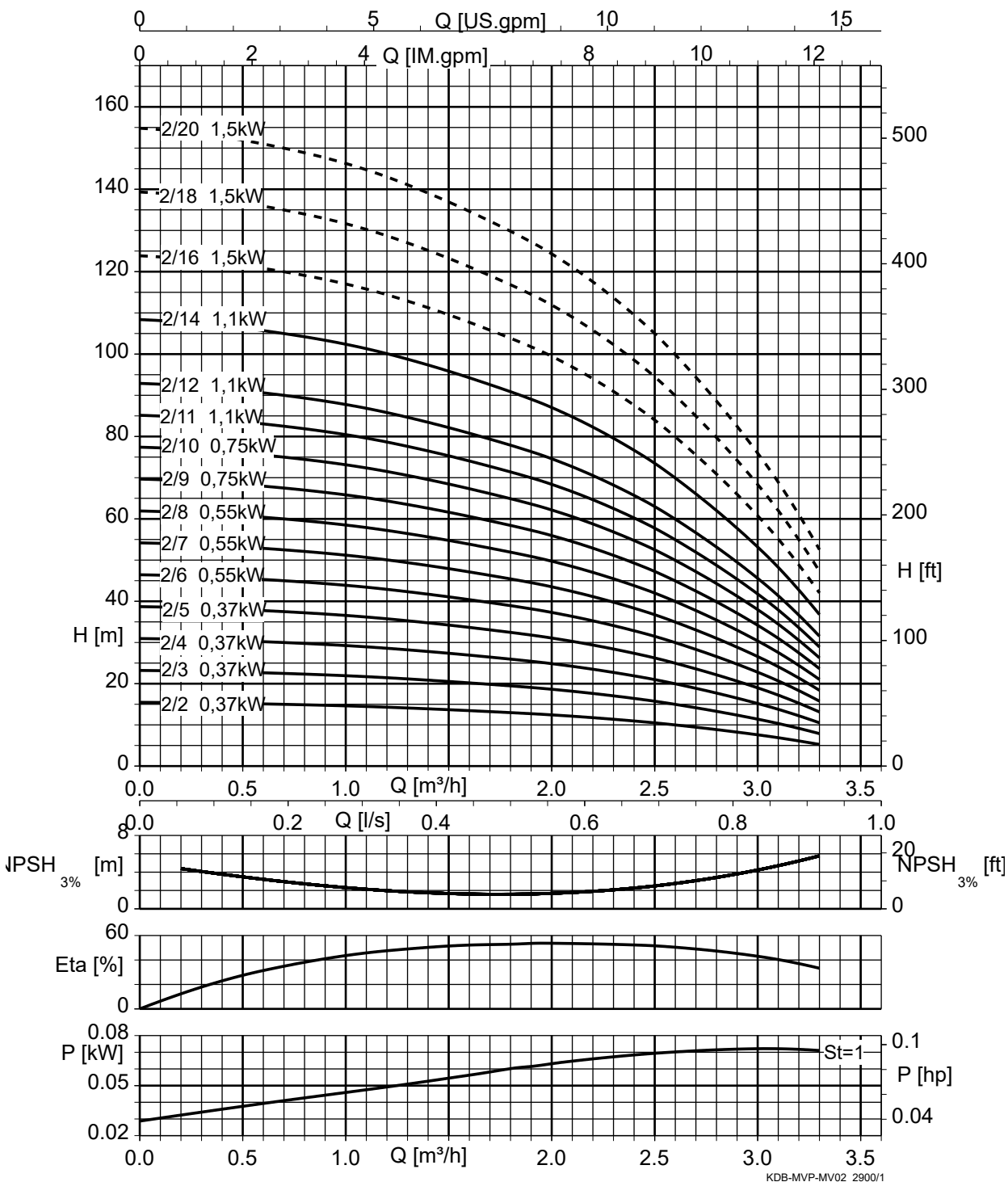
DeltaBasic	Number of pumps	Movetec	Number of stages	DN1	DN2	P _N [kW]	Efficiency class	I _N [A]	Frequency of starts [x/h]	I _{min} Overcurrent protection [A]	I _{max} Overcurrent protection [A]	Sound pressure level [dB(A)]	Enclosure	PN	Mat. No.	[kg]
SVP	2	06	03	G 1 1/2	DN 40	0,75	IE5	2,5	-	6,4	25	70	IP55	16	05166629	84,849
SVP	2	06	04	G 1 1/2	DN 40	1,10	IE5	3,5	-	8,4	25	70	IP55	16	05166631	89,833
SVP	2	06	05	G 1 1/2	DN 40	1,10	IE5	3,5	-	8,4	25	70	IP55	16	05166633	90,815
SVP	2	06	06	G 1 1/2	DN 40	1,50	IE5	4,9	-	8,9	25	70	IP55	16	05166635	99,311
SVP	2	06	07	G 1 1/2	DN 40	1,50	IE5	4,9	-	8,9	25	70	IP55	16	05166637	100,337
SVP	2	06	08	G 1 1/2	DN 40	2,20	IE5	6	-	12,8	25	70	IP55	16	05166639	109,377
SVP	2	06	09	G 1 1/2	DN 40	2,20	IE5	6	-	12,8	25	70	IP55	16	05166641	110,351
SVP	2	06	10	G 1 1/2	DN 40	2,20	IE5	6	-	12,8	25	70	IP55	16	05166642	111,843
SVP	2	06	11	G 1 1/2	DN 40	3,00	IE5	8	-	16,3	25	71	IP55	16	05166643	125,567
SVP	2	06	12	G 1 1/2	DN 40	3,00	IE5	8	-	16,3	25	71	IP55	16	05166644	126,553
SVP	2	06	14	G 1 1/2	DN 40	3,00	IE5	8	-	16,3	25	71	IP55	16	05166645	128,517
SVP	2	10	01	G 2	DN 50	0,75	IE5	2,5	-	6,4	25	70	IP55	16	05166648	108,239
SVP	2	10	02	G 2	DN 50	0,75	IE5	2,5	-	6,4	25	70	IP55	16	05166650	108,753
SVP	2	10	03	G 2	DN 50	1,10	IE5	3,5	-	8,4	25	70	IP55	16	05166652	115,035
SVP	2	10	04	G 2	DN 50	1,50	IE5	4,9	-	8,9	25	70	IP55	16	05166654	123,977
SVP	2	10	05	G 2	DN 50	2,20	IE5	6	-	12,8	25	70	IP55	16	05166656	133,847
SVP	2	10	06	G 2	DN 50	2,20	IE5	6	-	12,8	25	70	IP55	16	05166657	135,659
SVP	2	10	07	G 2	DN 50	3,00	IE5	8	-	16,3	25	71	IP55	16	05166658	150,843
SVP	2	10	08	G 2	DN 50	3,00	IE5	8	-	16,3	25	71	IP55	16	05166659	152,709
SVP	2	10	09	G 2	DN 50	4,00	IE5	10	-	16,6	25	71	IP55	16	05166660	177,719
SVP	2	10	10	G 2	DN 50	4,00	IE5	10	-	16,6	25	71	IP55	16	05166661	183,191
SVP	2	10	11	G 2	DN 50	4,00	IE5	10	-	16,6	25	71	IP55	16	05166662	185,109
SVP	2	10	13	G 2	DN 50	5,50	IE5	14	-	25,2	40	71	IP55	16	05166663	225,998
SVP	2	15	01	DN 65	DN 65	1,10	IE5	3,5	-	1,3	25	70	IP55	16	05168415	120,577
SVP	2	15	02	DN 65	DN 65	2,20	IE5	6	-	1,3	25	70	IP55	16	05168417	136,943
SVP	2	15	03	DN 65	DN 65	3,00	IE5	8	-	4,5	25	71	IP55	16	05168418	152,297
SVP	2	15	04	DN 65	DN 65	4,00	IE5	10	-	1,3	25	71	IP55	16	05168419	177,235
SVP	2	15	05	DN 65	DN 65	5,50	IE5	14	-	4,5	40	71	IP55	16	05168420	220,066
SVP	2	15	06	DN 65	DN 65	7,50	IE5	18	-	1,8	40	71	IP55	16	05168421	254,524
SVP	2	15	07	DN 65	DN 65	7,50	IE5	18	-	4,5	40	71	IP55	16	05168422	256,982
SVP	3	02	02	G 1 1/2	DN 40	0,37	IE5	1,3	-	5,2	25	70	IP55	16	05166665	110,419
SVP	3	02	03	G 1 1/2	DN 40	0,37	IE5	1,3	-	5,2	25	70	IP55	16	05166667	111,754
SVP	3	02	04	G 1 1/2	DN 40	0,37	IE5	1,3	-	5,2	25	70	IP55	16	05166669	113,152
SVP	3	02	05	G 1 1/2	DN 40	0,55	IE5	1,8	-	7	25	70	IP55	16	05166671	114,541
SVP	3	02	06	G 1 1/2	DN 40	0,55	IE5	1,8	-	7	25	70	IP55	16	05166673	115,942
SVP	3	02	07	G 1 1/2	DN 40	0,55	IE5	1,8	-	7	25	70	IP55	16	05166675	117,274
SVP	3	02	08	G 1 1/2	DN 40	0,75	IE5	2,5	-	9,1	25	70	IP55	16	05166677	123,556
SVP	3	02	09	G 1 1/2	DN 40	0,75	IE5	2,5	-	9,1	25	70	IP55	16	05166679	125,02
SVP	3	02	10	G 1 1/2	DN 40	0,75	IE5	2,5	-	9,1	25	70	IP55	16	05166681	126,454
SVP	3	02	11	G 1 1/2	DN 40	1,10	IE5	3,5	-	12,1	25	70	IP55	16	05166683	133,723
SVP	3	02	12	G 1 1/2	DN 40	1,10	IE5	3,5	-	12,1	25	70	IP55	16	05166685	135,136
SVP	3	02	14	G 1 1/2	DN 40	1,10	IE5	3,5	-	12,1	25	70	IP55	16	05166687	138,406
SVP	3	02	16	G 1 1/2	DN 40	1,50	IE5	4,9	-	12,8	25	70	IP55	16	05166689	151,957
SVP	3	02	18	G 1 1/2	DN 40	1,50	IE5	4,9	-	12,8	25	70	IP55	16	05166691	154,744
SVP	3	04	02	G 1 1/2	DN 40	0,37	IE5	1,3	-	5,2	25	70	IP55	16	05166695	110,179
SVP	3	04	03	G 1 1/2	DN 40	0,55	IE5	1,8	-	7	25	70	IP55	16	05166697	111,397
SVP	3	04	04	G 1 1/2	DN 40	0,75	IE5	2,5	-	9,1	25	70	IP55	16	05166699	117,088
SVP	3	04	05	G 1 1/2	DN 40	0,75	IE5	2,5	-	9,1	25	70	IP55	16	05166701	118,36
SVP	3	04	06	G 1 1/2	DN 40	1,10	IE5	3,5	-	12,1	25	70	IP55	16	05166703	125,512
SVP	3	04	07	G 1 1/2	DN 40	1,10	IE5	3,5	-	12,1	25	70	IP55	16	05166705	127,207
SVP	3	04	08	G 1 1/2	DN 40	1,50	IE5	4,9	-	12,8	25	70	IP55	16	05166707	139,222
SVP	3	04	09	G 1 1/2	DN 40	1,50	IE5	4,9	-	12,8	25	70	IP55	16	05166709	140,569
SVP	3	04	10	G 1 1/2	DN 40	1,50	IE5	4,9	-	12,8	25	70	IP55	16	05166711	141,886
SVP	3	04	11	G 1 1/2	DN 40	2,20	IE5	6	-	18,6	25	70	IP55	16	05166713	155,733
SVP	3	04	12	G 1 1/2	DN 40	2,20	IE5	6	-	18,6	25	70	IP55	16	05166715	157,029
SVP	3	04	14	G 1 1/2	DN 40	2,20	IE5	6	-	18,6	25	70	IP55	16	05166716	159,585
SVP	3	04	16	G 1 1/2	DN 40	3,00	IE5	8	-	24	25	71	IP55	16	05166717	181,866
SVP	3	06	02	G 2	DN 50	0,55	IE5	1,8	-	7	25	70	IP55	16	05166719	112,361
SVP	3	06	03	G 2	DN 50	0,75	IE5	2,5	-	9,1	25	70	IP55	16	05166721	118,178

DeltaBasic	Number of pumps	Moveitc	Number of stages	DN1	DN2	P _N [kW]	Efficiency class	I _N [A]	Frequency of starts [x/h]	I _{min} Overcurrent protection [A]	I _{max} Overcurrent protection [A]	Sound pressure level [dB(A)]	Enclosure	PN	Mat. No.	[kg]
SVP	3	06	04	G 2	DN 50	1,10	IE5	3,5	-	12,1	25	70	IP55	16	05166723	125,522
SVP	3	06	05	G 2	DN 50	1,10	IE5	3,5	-	12,1	25	70	IP55	16	05166725	126,995
SVP	3	06	06	G 2	DN 50	1,50	IE5	4,9	-	12,8	25	70	IP55	16	05166727	139,619
SVP	3	06	07	G 2	DN 50	1,50	IE5	4,9	-	12,8	25	70	IP55	16	05166729	141,158
SVP	3	06	08	G 2	DN 50	2,20	IE5	6	-	18,6	25	70	IP55	16	05166731	154,72
SVP	3	06	09	G 2	DN 50	2,20	IE5	6	-	18,6	25	70	IP55	16	05166733	156,181
SVP	3	06	10	G 2	DN 50	2,20	IE5	6	-	18,6	25	70	IP55	16	05166734	158,179
SVP	3	06	11	G 2	DN 50	3,00	IE5	8	-	24	25	71	IP55	16	05166735	179,353
SVP	3	06	12	G 2	DN 50	3,00	IE5	8	-	24	25	71	IP55	16	05166736	180,832
SVP	3	06	14	G 2	DN 50	3,00	IE5	8	-	24	25	71	IP55	16	05166737	183,778
SVP	3	10	01	G 2	DN 50	0,75	IE5	2,5	-	9,1	25	70	IP55	16	05166740	151,758
SVP	3	10	02	G 2	DN 50	0,75	IE5	2,5	-	9,1	25	70	IP55	16	05166742	152,529
SVP	3	10	03	G 2	DN 50	1,10	IE5	3,5	-	12,1	25	70	IP55	16	05166744	161,58
SVP	3	10	04	G 2	DN 50	1,50	IE5	4,9	-	12,8	25	70	IP55	16	05166746	175,113
SVP	3	10	05	G 2	DN 50	2,20	IE5	6	-	18,6	25	70	IP55	16	05166748	189,92
SVP	3	10	06	G 2	DN 50	2,20	IE5	6	-	18,6	25	70	IP55	16	05166749	192,638
SVP	3	10	07	G 2	DN 50	3,00	IE5	8	-	24	25	71	IP55	16	05166750	215,762
SVP	3	10	08	G 2	DN 50	3,00	IE5	8	-	24	25	71	IP55	16	05166751	218,561
SVP	3	10	09	G 2	DN 50	4,00	IE5	10	-	24,4	25	71	IP55	16	05166752	256,076
SVP	3	10	10	G 2	DN 50	4,00	IE5	10	-	24,4	25	71	IP55	16	05166753	262,509
SVP	3	10	11	G 2	DN 50	4,00	IE5	10	-	24,4	25	71	IP55	16	05166754	265,386
SVP	3	10	13	G 2	DN 50	5,50	IE5	14	-	37,3	40	71	IP55	16	05166755	326,389
SVP	3	15	01	DN 65	DN 65	1,10	IE5	3,5	-	4,5	25	70	IP55	16	05168424	169,193
SVP	3	15	02	DN 65	DN 65	2,20	IE5	6	-	4,5	25	70	IP55	16	05168426	193,624
SVP	3	15	03	DN 65	DN 65	3,00	IE5	8	-	2,5	25	71	IP55	16	05168427	217,243
SVP	3	15	04	DN 65	DN 65	4,00	IE5	10	-	7	25	71	IP55	16	05168428	254,41
SVP	3	15	05	DN 65	DN 65	5,50	IE5	14	-	2,5	40	71	IP55	16	05168429	316,551
SVP	3	15	06	DN 65	DN 65	7,50	IE5	18	-	7	50	71	IP55	16	05168430	368,238
SVP	3	15	07	DN 65	DN 65	7,50	IE5	18	-	2,5	50	71	IP55	16	05168431	371,925
SVP	4	02	02	G 1 1/2	DN 40	0,37	IE5	1,3	-	6,6	25	70	IP55	16	05166756	142,731
SVP	4	02	03	G 1 1/2	DN 40	0,37	IE5	1,3	-	6,6	25	70	IP55	16	05166757	144,511
SVP	4	02	04	G 1 1/2	DN 40	0,37	IE5	1,3	-	6,6	25	70	IP55	16	05166758	146,375
SVP	4	02	05	G 1 1/2	DN 40	0,55	IE5	1,8	-	9	25	70	IP55	16	05166759	148,227
SVP	4	02	06	G 1 1/2	DN 40	0,55	IE5	1,8	-	9	25	70	IP55	16	05166760	150,095
SVP	4	02	07	G 1 1/2	DN 40	0,55	IE5	1,8	-	9	25	70	IP55	16	05166761	151,871
SVP	4	02	08	G 1 1/2	DN 40	0,75	IE5	2,5	-	11,8	25	70	IP55	16	05166762	160,087
SVP	4	02	09	G 1 1/2	DN 40	0,75	IE5	2,5	-	11,8	25	70	IP55	16	05166763	162,039
SVP	4	02	10	G 1 1/2	DN 40	0,75	IE5	2,5	-	11,8	25	70	IP55	16	05166764	163,951
SVP	4	02	11	G 1 1/2	DN 40	1,10	IE5	3,5	-	15,8	25	70	IP55	16	05166765	173,819
SVP	4	02	12	G 1 1/2	DN 40	1,10	IE5	3,5	-	15,8	25	70	IP55	16	05166766	175,703
SVP	4	02	14	G 1 1/2	DN 40	1,10	IE5	3,5	-	15,8	25	70	IP55	16	05166767	179,903
SVP	4	02	16	G 1 1/2	DN 40	1,50	IE5	4,9	-	16,7	25	70	IP55	16	05166768	197,811
SVP	4	02	18	G 1 1/2	DN 40	1,50	IE5	4,9	-	16,7	25	70	IP55	16	05166769	201,527
SVP	4	04	02	G 1 1/2	DN 40	0,37	IE5	1,3	-	6,6	25	70	IP55	16	05166771	142,411
SVP	4	04	03	G 1 1/2	DN 40	0,55	IE5	1,8	-	9	25	70	IP55	16	05166772	144,035
SVP	4	04	04	G 1 1/2	DN 40	0,75	IE5	2,5	-	11,8	25	70	IP55	16	05166773	151,623
SVP	4	04	05	G 1 1/2	DN 40	0,75	IE5	2,5	-	11,8	25	70	IP55	16	05166774	153,319
SVP	4	04	06	G 1 1/2	DN 40	1,10	IE5	3,5	-	15,8	25	70	IP55	16	05166775	163,031
SVP	4	04	07	G 1 1/2	DN 40	1,10	IE5	3,5	-	15,8	25	70	IP55	16	05166776	165,131
SVP	4	04	08	G 1 1/2	DN 40	1,50	IE5	4,9	-	16,7	25	70	IP55	16	05166777	180,991
SVP	4	04	09	G 1 1/2	DN 40	1,50	IE5	4,9	-	16,7	25	70	IP55	16	05166778	182,787
SVP	4	04	10	G 1 1/2	DN 40	1,50	IE5	4,9	-	16,7	25	70	IP55	16	05166779	184,543
SVP	4	04	11	G 1 1/2	DN 40	2,20	IE5	6	-	24,5	25	70	IP55	16	05166780	203,398
SVP	4	04	12	G 1 1/2	DN 40	2,20	IE5	6	-	24,5	25	70	IP55	16	05166781	205,126
SVP	4	04	14	G 1 1/2	DN 40	2,20	IE5	6	-	24,5	25	70	IP55	16	05166782	208,534
SVP	4	04	16	G 1 1/2	DN 40	3,00	IE5	8	-	31,7	40	71	IP55	16	05166783	237,458
SVP	4	06	02	G 2	DN 50	0,55	IE5	1,8	-	9	25	70	IP55	16	05166784	145,217
SVP	4	06	03	G 2	DN 50	0,75	IE5	2,5	-	11,8	25	70	IP55	16	05166785	152,973
SVP	4	06	04	G 2	DN 50	1,10	IE5	3,5	-	15,8	25	70	IP55	16	05166786	162,941

DeltaBasic	Number of pumps	Movitec	Number of stages	DN1	DN2	P _N		Efficiency class	I _N	Frequency of starts	I _{min} Overcurrent protection	I _{max} Overcurrent protection	Sound pressure level	Enclosure	PN	Mat. No.	[kg]
						[kW]			[A]	[x/h]	[A]	[A]	[dB(A)]				
SVP	4	06	05	G 2	DN 50	1,10		IE5	3,5	-	15,8	25	70	IP55	16	05166787	164,905
SVP	4	06	06	G 2	DN 50	1,50		IE5	4,9	-	16,7	25	70	IP55	16	05166788	181,417
SVP	4	06	07	G 2	DN 50	1,50		IE5	4,9	-	16,7	25	70	IP55	16	05166789	183,469
SVP	4	06	08	G 2	DN 50	2,20		IE5	6	-	24,5	25	70	IP55	16	05166790	202,104
SVP	4	06	09	G 2	DN 50	2,20		IE5	6	-	24,5	25	70	IP55	16	05166791	204,052
SVP	4	06	10	G 2	DN 50	2,20		IE5	6	-	24,5	25	70	IP55	16	05166792	206,556
SVP	4	06	11	G 2	DN 50	3,00		IE5	8	-	31,7	40	71	IP55	16	05166793	234,004
SVP	4	06	12	G 2	DN 50	3,00		IE5	8	-	31,7	40	71	IP55	16	05166794	235,976
SVP	4	06	14	G 2	DN 50	3,00		IE5	8	-	31,7	40	71	IP55	16	05166795	239,904
SVP	4	10	01	DN 65	DN 65	0,75		IE5	2,5	-	11,8	25	70	IP55	16	05166797	201,203
SVP	4	10	02	DN 65	DN 65	0,75		IE5	2,5	-	11,8	25	70	IP55	16	05166798	202,231
SVP	4	10	03	DN 65	DN 65	1,10		IE5	3,5	-	15,8	25	70	IP55	16	05166799	214,315
SVP	4	10	04	DN 65	DN 65	1,50		IE5	4,9	-	16,7	25	70	IP55	16	05166800	232,199
SVP	4	10	05	DN 65	DN 65	2,20		IE5	6	-	24,5	25	70	IP55	16	05166801	252,494
SVP	4	10	06	DN 65	DN 65	2,20		IE5	6	-	24,5	25	70	IP55	16	05166802	256,118
SVP	4	10	07	DN 65	DN 65	3,00		IE5	8	-	31,7	40	71	IP55	16	05166803	286,006
SVP	4	10	08	DN 65	DN 65	3,00		IE5	8	-	31,7	40	71	IP55	16	05166804	289,738
SVP	4	10	09	DN 65	DN 65	4,00		IE5	10	-	32,2	40	71	IP55	16	05166805	339,758
SVP	4	10	10	DN 65	DN 65	4,00		IE5	10	-	32,2	40	71	IP55	16	05166806	347,152
SVP	4	10	11	DN 65	DN 65	4,00		IE5	10	-	32,2	40	71	IP55	16	05166807	350,988
SVP	4	10	13	DN 65	DN 65	5,50		IE5	14	-	49,4	50	71	IP55	16	05166808	432,346
SVP	4	15	01	DN 100	DN 100	1,10		IE5	3,5	-	7	25	70	IP55	16	05168432	223,759
SVP	4	15	02	DN 100	DN 100	2,20		IE5	6	-	3,5	25	70	IP55	16	05168433	256,566
SVP	4	15	03	DN 100	DN 100	3,00		IE5	8	-	7	40	71	IP55	16	05168434	287,274
SVP	4	15	04	DN 100	DN 100	4,00		IE5	10	-	3,5	40	71	IP55	16	05168435	340,22
SVP	4	15	05	DN 100	DN 100	5,50		IE5	14	-	7	50	71	IP55	16	05168436	418,362
SVP	4	15	06	DN 100	DN 100	7,50		IE5	18	-	3,5	63	71	IP55	16	05168437	487,278
SVP	4	15	07	DN 100	DN 100	7,50		IE5	18	-	11	63	71	IP55	16	05168438	492,194

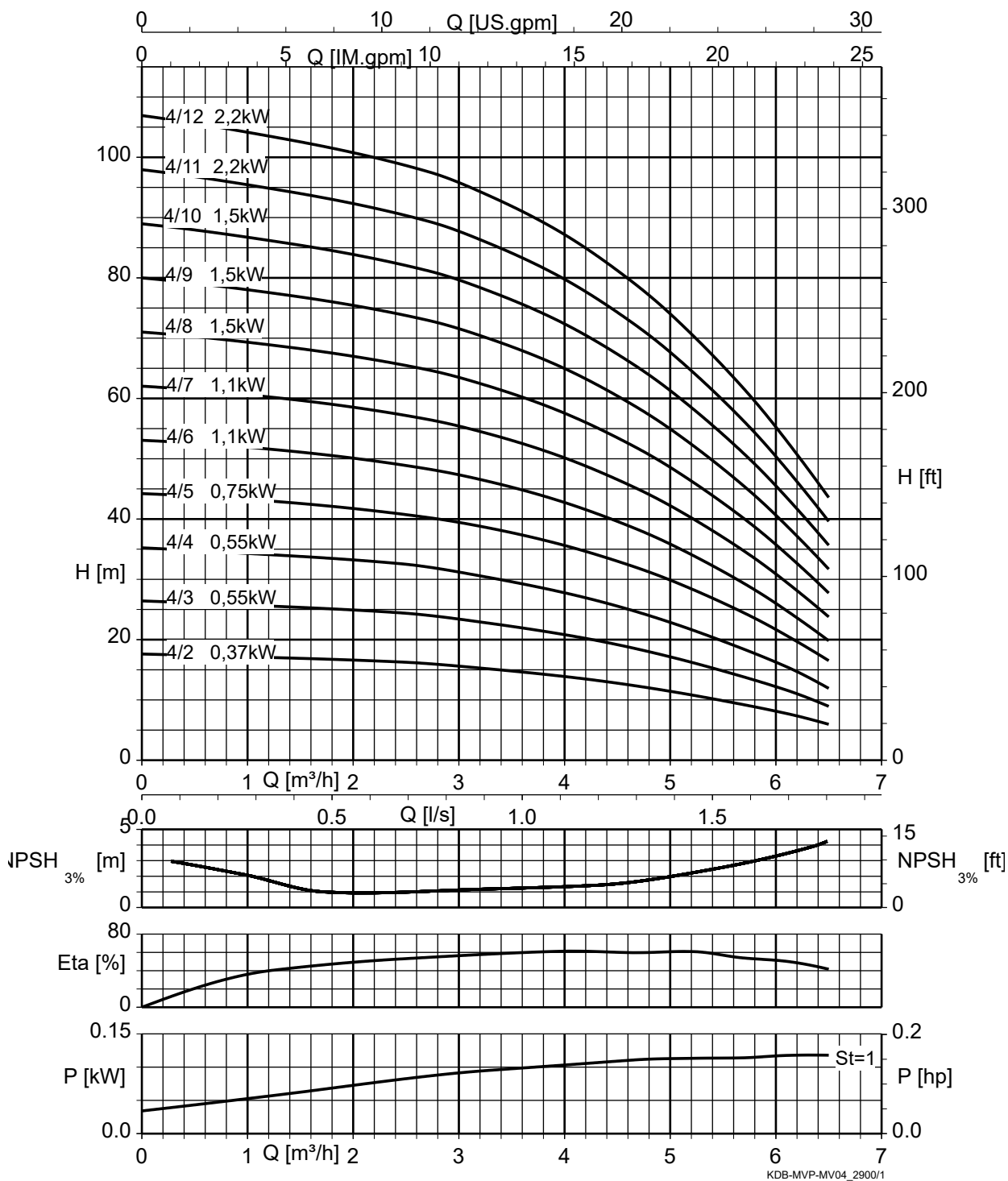
Characteristic curves

DeltaBasic MVP, Movitec 02, n = 2900 rpm



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

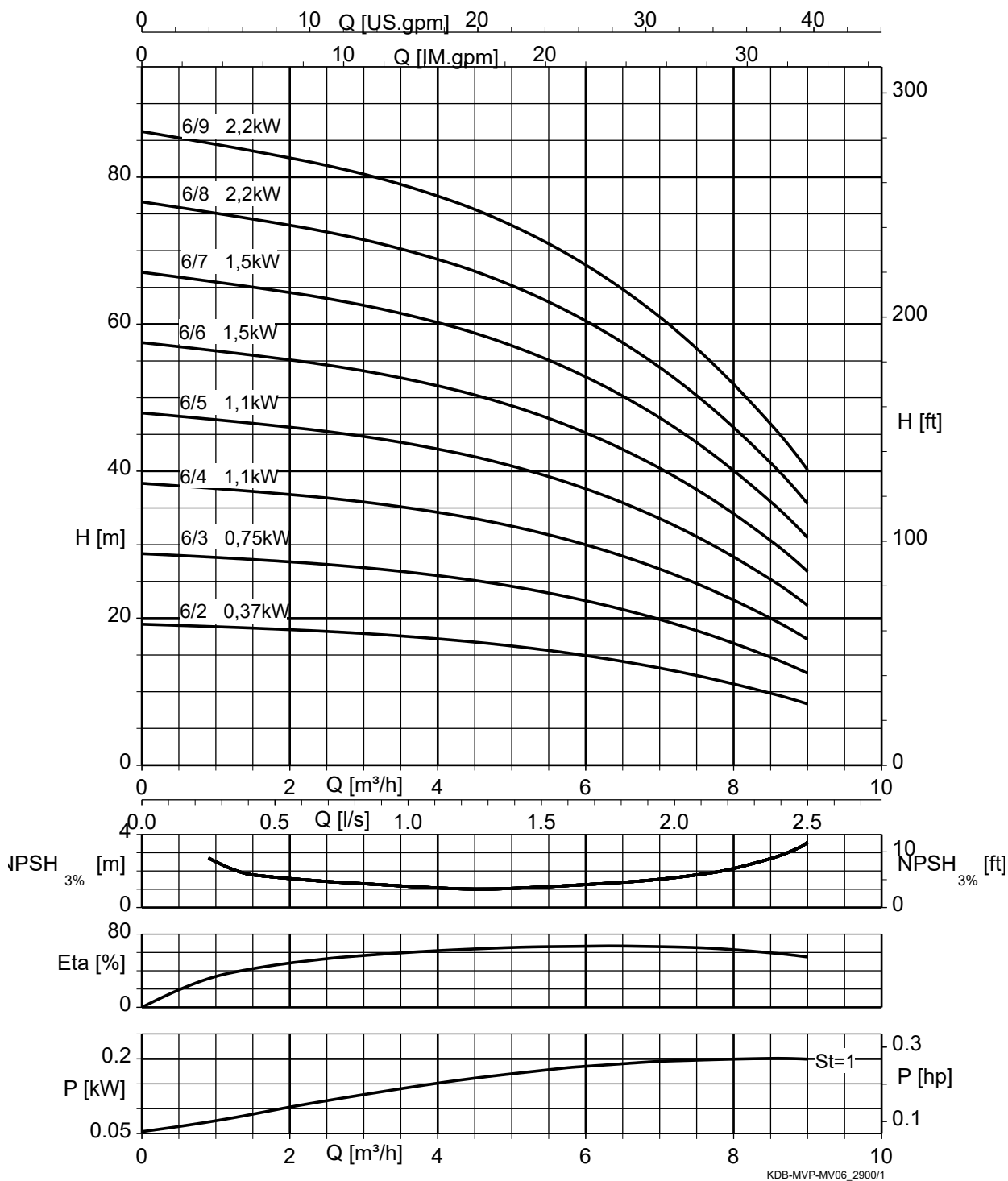
DeltaBasic MVP, Movitec 04, n = 2900 rpm



St = 1 | P per stage

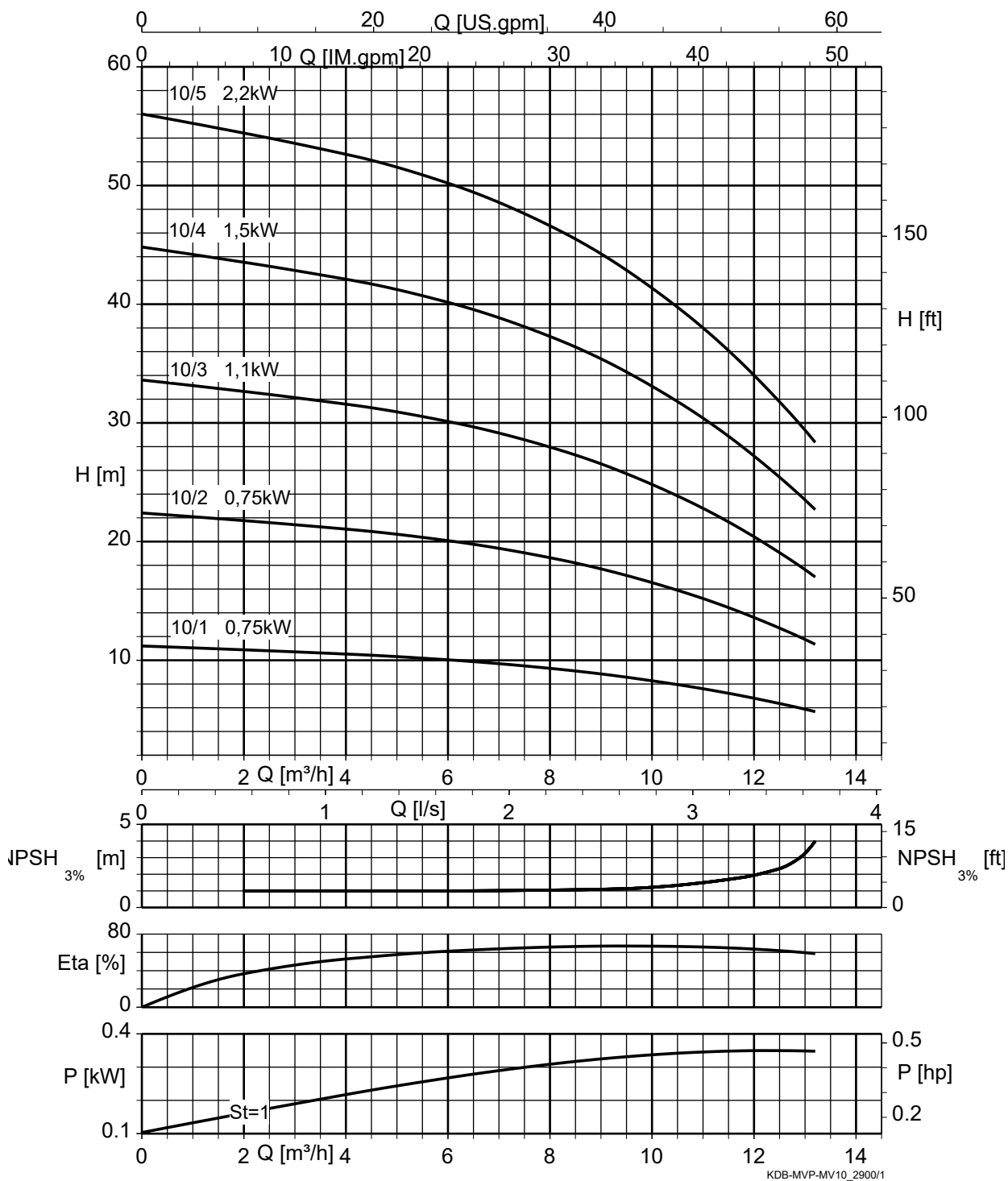
1983.531/11-EN

DeltaBasic MVP, Movitec 06, n = 2900 rpm



St = 1 | P per stage

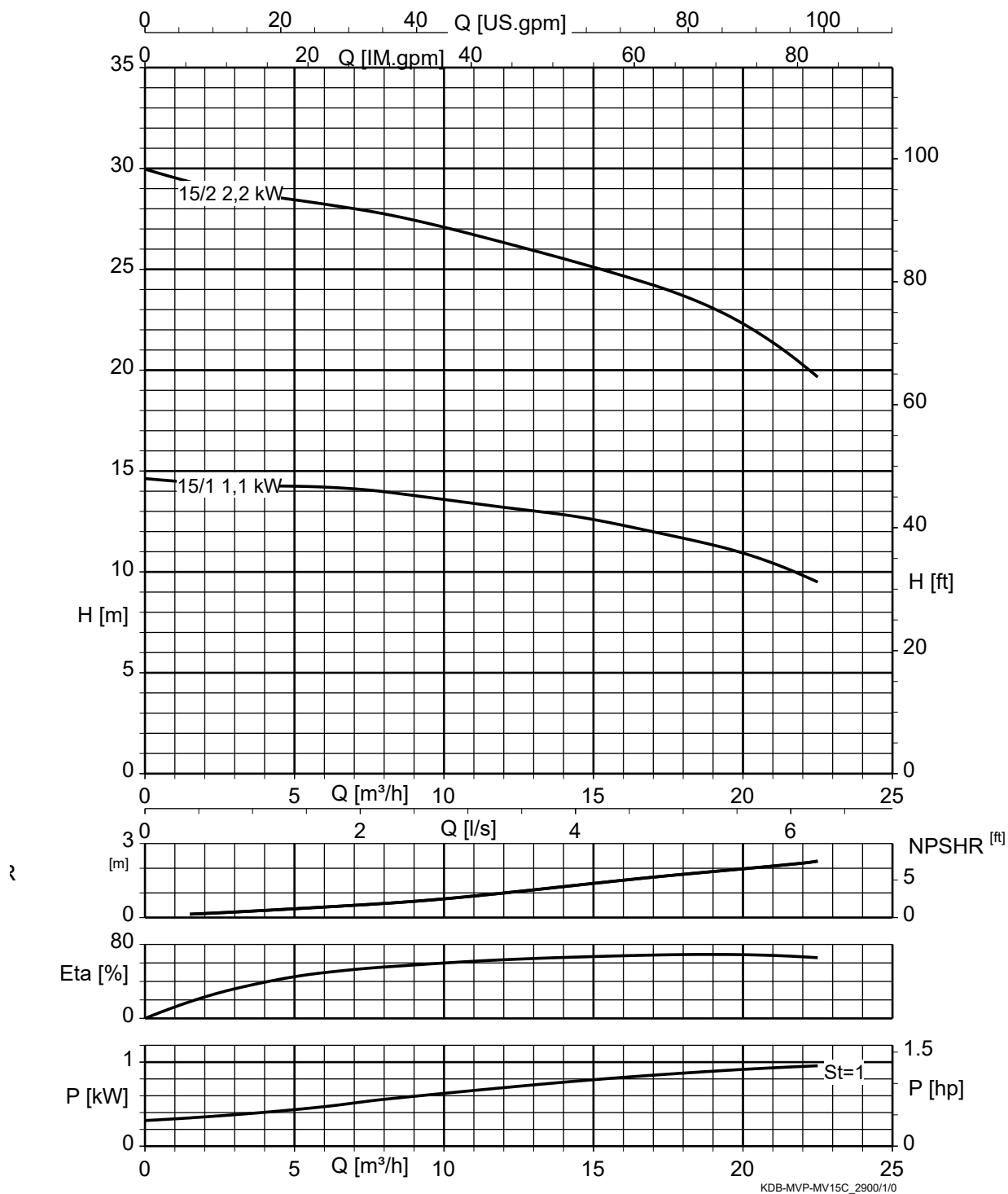
DeltaBasic MVP, Movitec 10, $n = 2900 \text{ rpm}$



St = 1 | P per stage

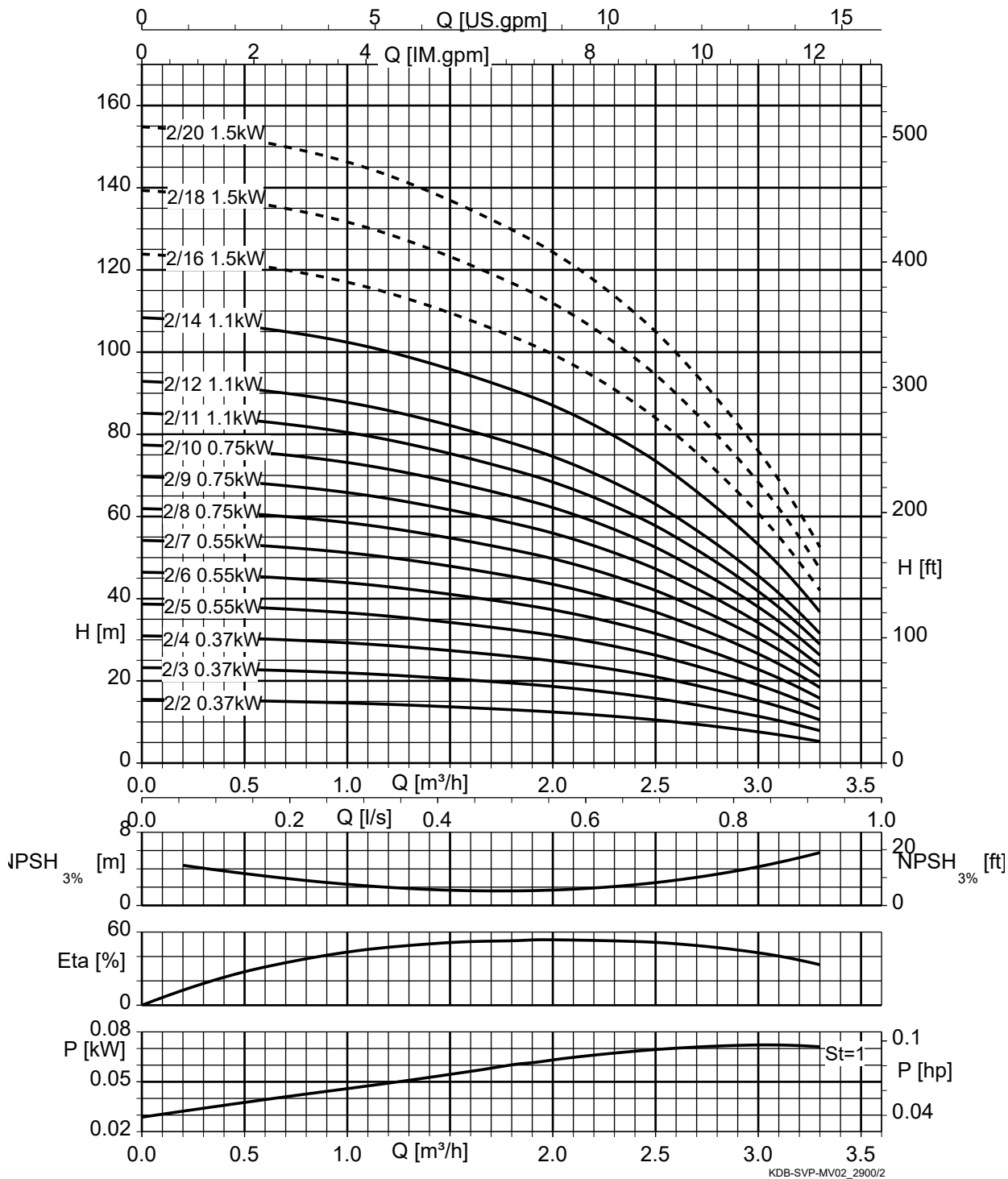
1983.531/11-EN

DeltaBasic MVP, Movitec 15, n = 2900 rpm



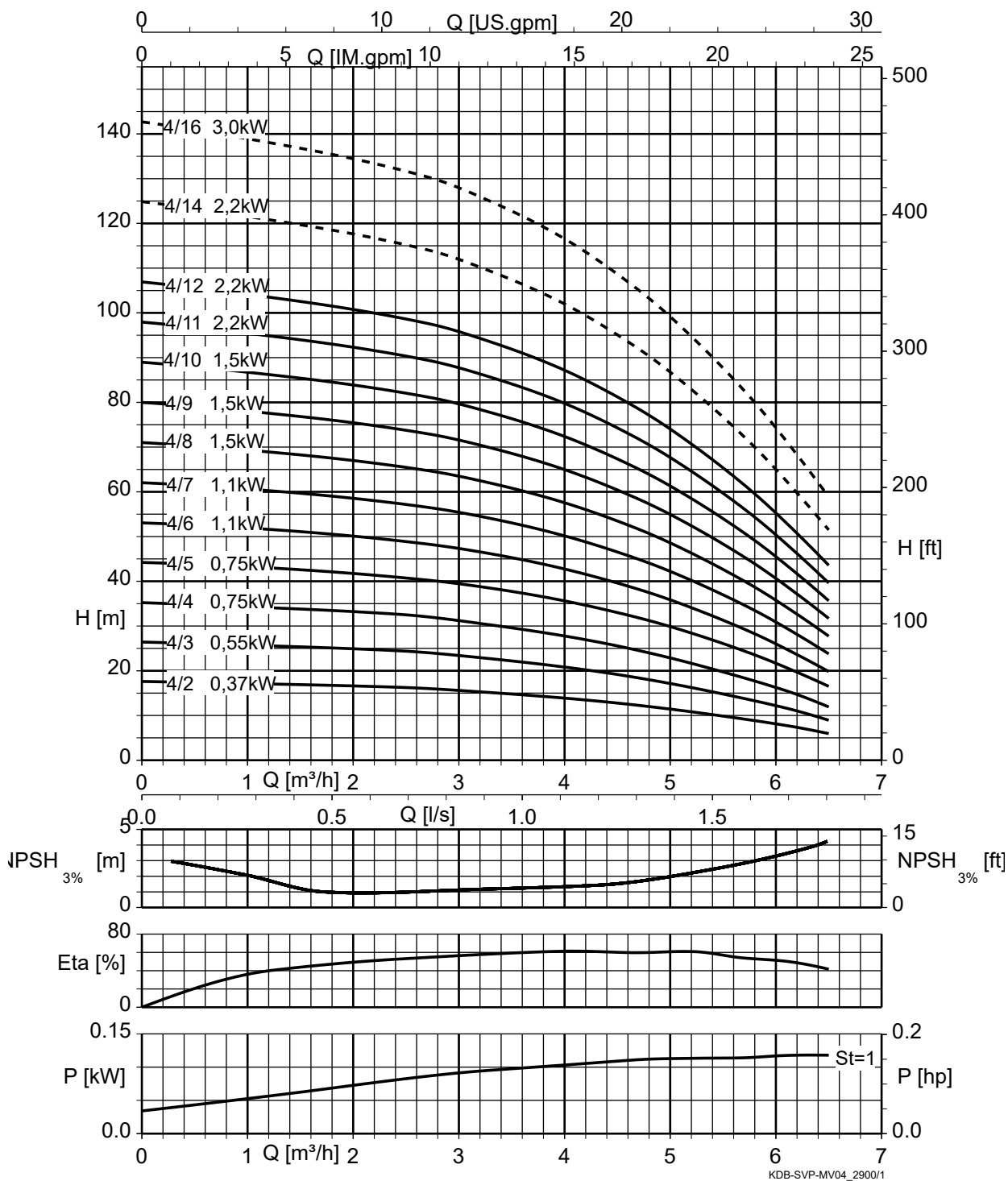
St = 1 | P per stage

DeltaBasic SVP, Movitec 02, n = 2900 rpm

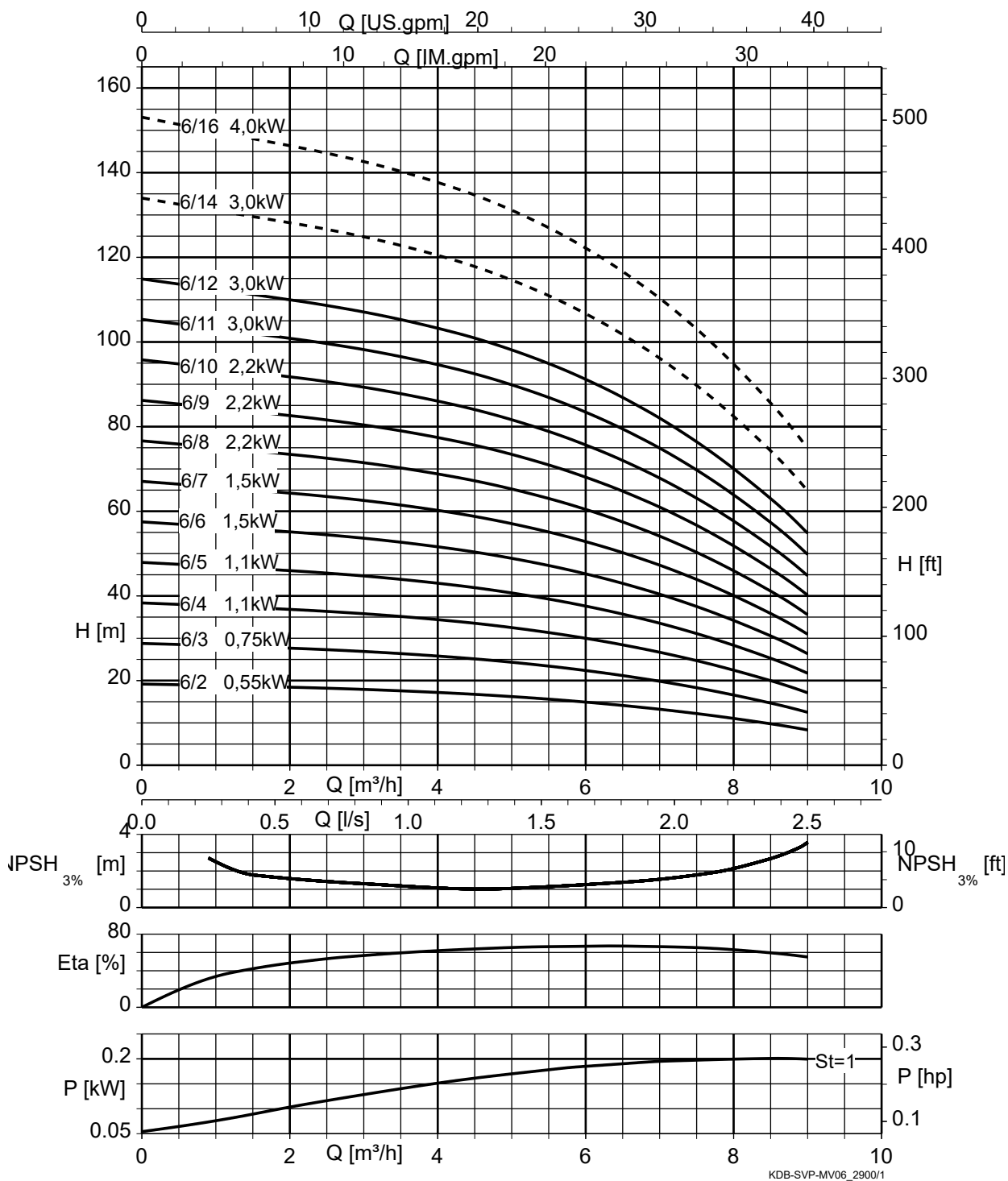


St = 1	P per stage
-----	For inlet condition F only

DeltaBasic SVP, Movitec 04, n = 2900 rpm

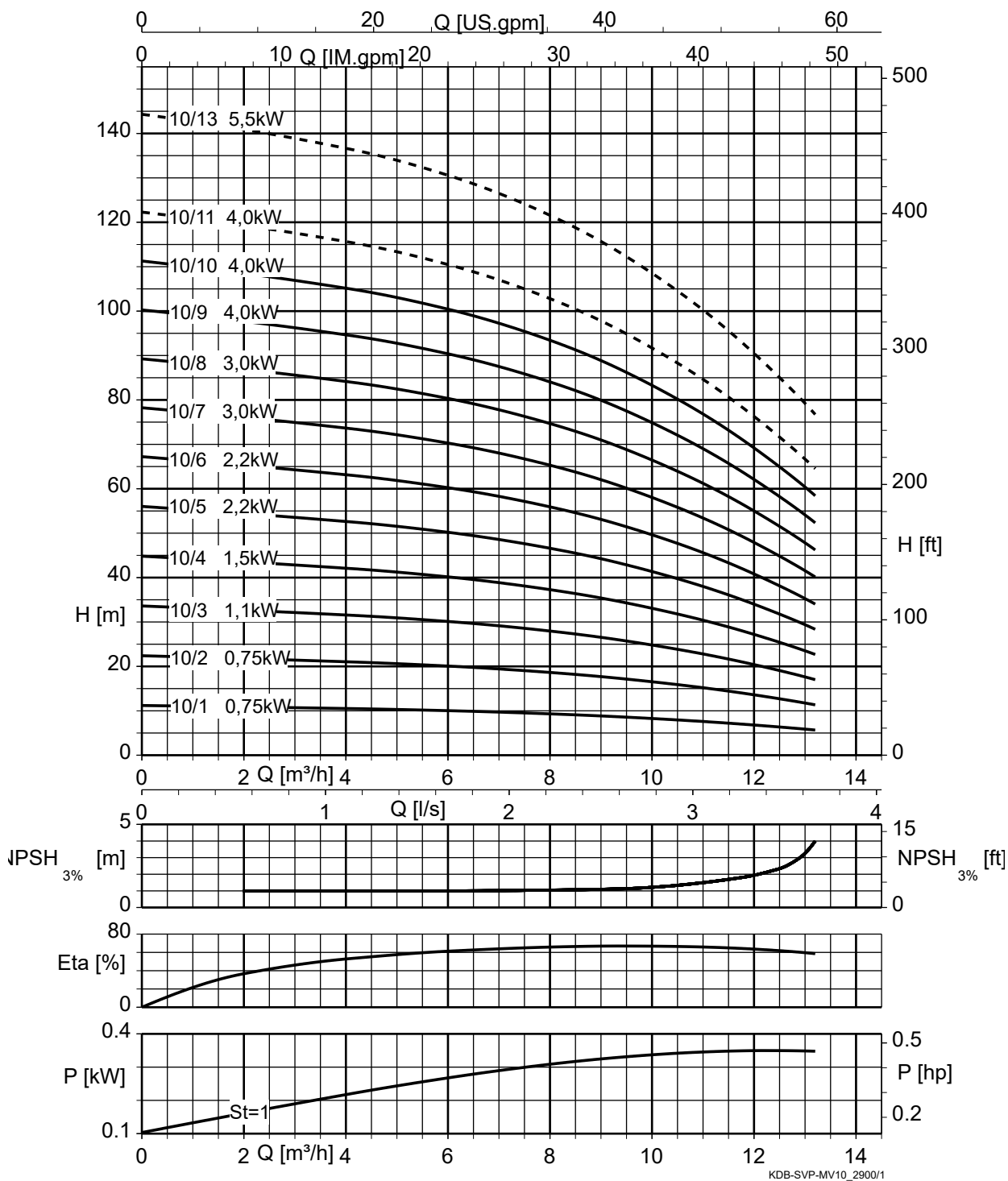


DeltaBasic SVP, Movitec 06, n = 2900 rpm



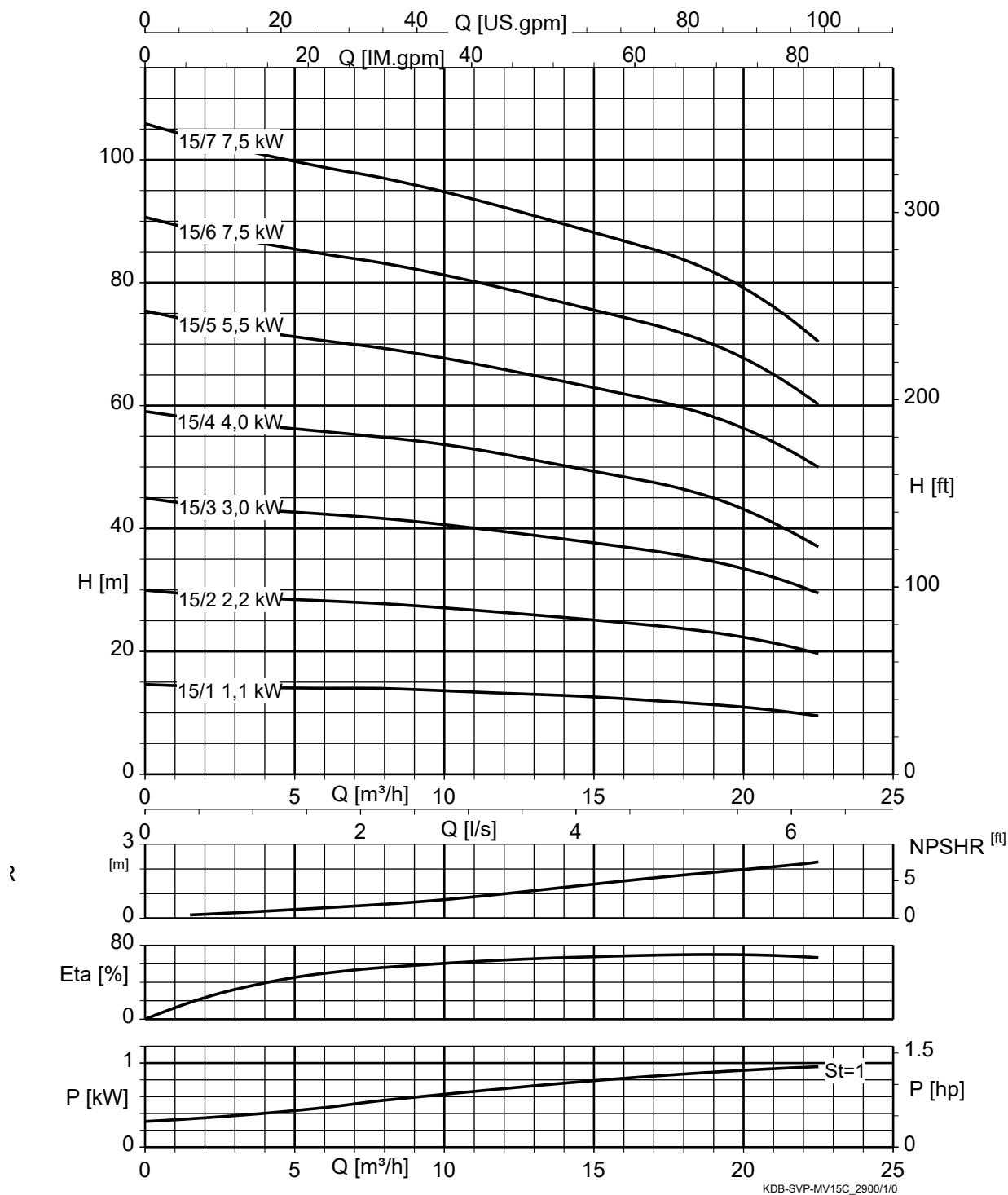
St = 1	P per stage
-----	For inlet condition F only

DeltaBasic SVP, Movitec 10, n = 2900 rpm



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

DeltaBasic SVP, Movitec 15, n = 2900 rpm



St = 1 | P per stage

Dimensions and connections

DeltaBasic MVP 2, Movitec 02 / 04 / 06 / 10 / 15

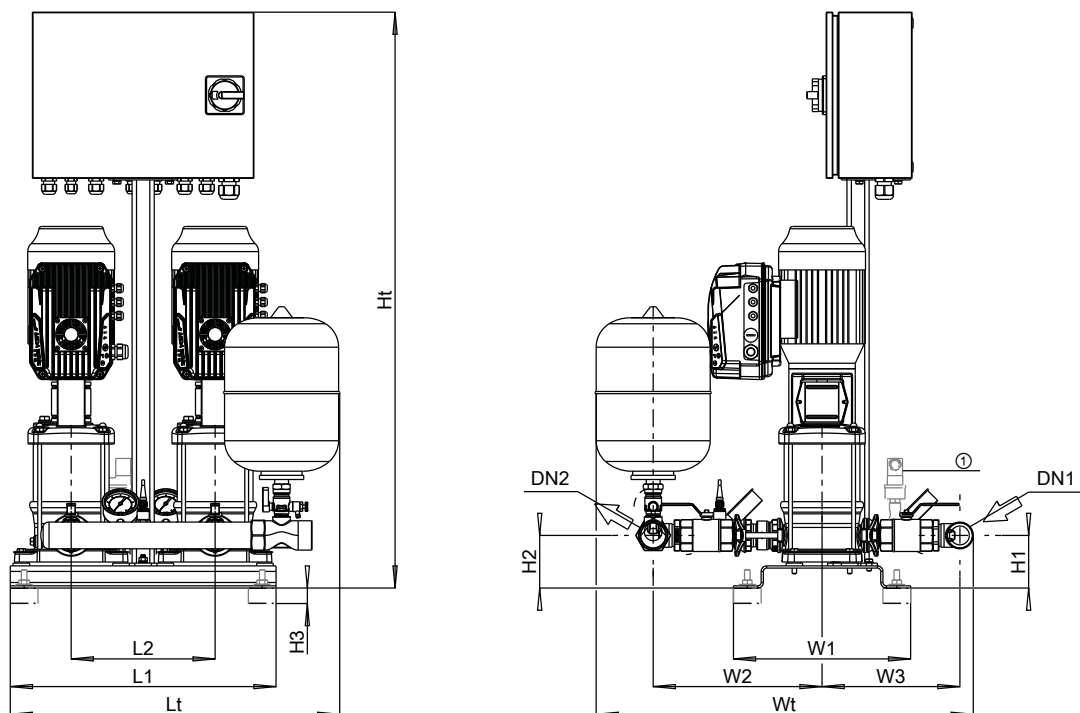


Fig. 6: Dimensions

①	Pressure switch for dry running protection
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Table 10: 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	1040	320	291	235	653
2	02	03	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1040	320	291	235	653
2	02	04	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1040	320	291	235	653
2	02	05	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1040	320	291	235	653
2	02	06	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1040	320	291	235	653
2	02	07	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1040	320	291	235	653
2	02	08	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1190	320	291	235	653
2	02	09	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1190	320	291	235	653
2	02	10	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1190	320	291	235	653
2	02	11	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1190	320	291	235	653
2	02	12	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1190	320	291	235	653
2	02	14	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1340	320	291	235	653
2	04	02	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1040	320	291	235	653
2	04	03	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1040	320	291	235	653
2	04	04	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1040	320	291	235	653
2	04	05	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1040	320	291	235	653
2	04	06	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1040	320	291	235	653
2	04	07	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1190	320	291	235	653
2	04	08	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1190	320	291	235	653
2	04	09	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1190	320	291	235	653
2	04	10	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1190	320	291	235	653
2	04	11	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1340	320	291	235	653
2	04	12	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1340	320	291	235	653
2	06	02	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1040	320	305	249	681
2	06	03	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1040	320	305	249	681
2	06	04	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1040	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	05	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1040	320	305	249	681
2	06	06	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1190	320	305	249	681
2	06	07	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1190	320	305	249	681
2	06	08	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1190	320	305	249	681
2	06	09	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1190	320	305	249	681
2	10	01	G 2	G 2	640	340	739	125	125	28	1040	360	373	297	803
2	10	02	G 2	G 2	640	340	739	125	125	28	1040	360	373	297	803
2	10	03	G 2	G 2	640	340	739	125	125	28	1190	360	373	297	803
2	10	04	G 2	G 2	640	340	739	125	125	28	1190	360	373	297	803
2	10	05	G 2	G 2	640	340	739	125	125	28	1190	360	373	297	803
2	15	01	DN 65	DN 65	640	340	715	125	125	28	1040	360	408	332	936
2	15	02	DN 65	DN 65	640	340	715	125	125	28	1190	360	408	332	936

DeltaBasic MVP 3, Movitec 02 / 04 / 06 / 10 / 15

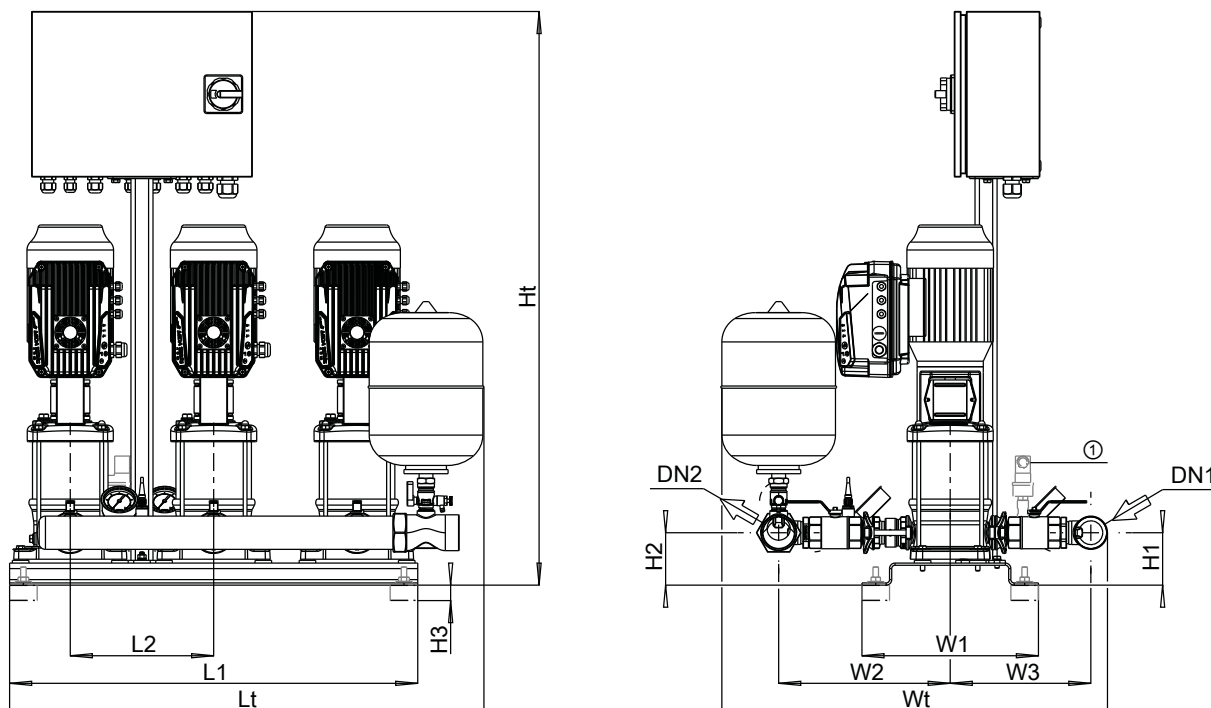


Fig. 7: Dimensions

① Pressure switch for dry running protection

Table 11: 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	1040	320	291	235	653
3	02	03	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1040	320	291	235	653
3	02	04	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1040	320	291	235	653
3	02	05	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1040	320	291	235	653
3	02	06	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1040	320	291	235	653
3	02	07	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1040	320	291	235	653
3	02	08	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1190	320	291	235	653
3	02	09	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1190	320	291	235	653
3	02	10	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1190	320	291	235	653
3	02	11	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1190	320	291	235	653
3	02	12	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1190	320	291	235	653
3	02	14	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1340	320	291	235	653
3	04	02	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1040	320	291	235	653
3	04	03	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1040	320	291	235	653
3	04	04	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1040	320	291	235	653
3	04	05	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1040	320	291	235	653
3	04	06	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1040	320	291	235	653
3	04	07	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1190	320	291	235	653
3	04	08	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1190	320	291	235	653
3	04	09	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1190	320	291	235	653
3	04	10	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1190	320	291	235	653
3	04	11	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1340	320	291	235	653
3	04	12	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1340	320	291	235	653
3	06	02	G 2	G 2	740	260	989	95	95	28	1040	320	311	255	699
3	06	03	G 2	G 2	740	260	989	95	95	28	1040	320	311	255	699
3	06	04	G 2	G 2	740	260	989	95	95	28	1040	320	311	255	699
3	06	05	G 2	G 2	740	260	989	95	95	28	1040	320	311	255	699
3	06	06	G 2	G 2	740	260	989	95	95	28	1190	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	07	G 2	G 2	740	260	989	95	95	28	1190	320	311	255	699
3	06	08	G 2	G 2	740	260	989	95	95	28	1190	320	311	255	699
3	06	09	G 2	G 2	740	260	989	95	95	28	1190	320	311	255	699
3	10	01	G 2	G 2	980	340	1079	125	125	28	1040	360	373	297	803
3	10	02	G 2	G 2	980	340	1079	125	125	28	1040	360	373	297	803
3	10	03	G 2	G 2	980	340	1079	125	125	28	1190	360	373	297	803
3	10	04	G 2	G 2	980	340	1079	125	125	28	1190	360	373	297	803
3	10	05	G 2	G 2	980	340	1079	125	125	28	1190	360	373	297	803
3	15	01	DN 65	DN 65	980	340	1055	125	125	28	1040	360	408	332	936
3	15	02	DN 65	DN 65	980	340	1055	125	125	28	1190	360	408	332	936

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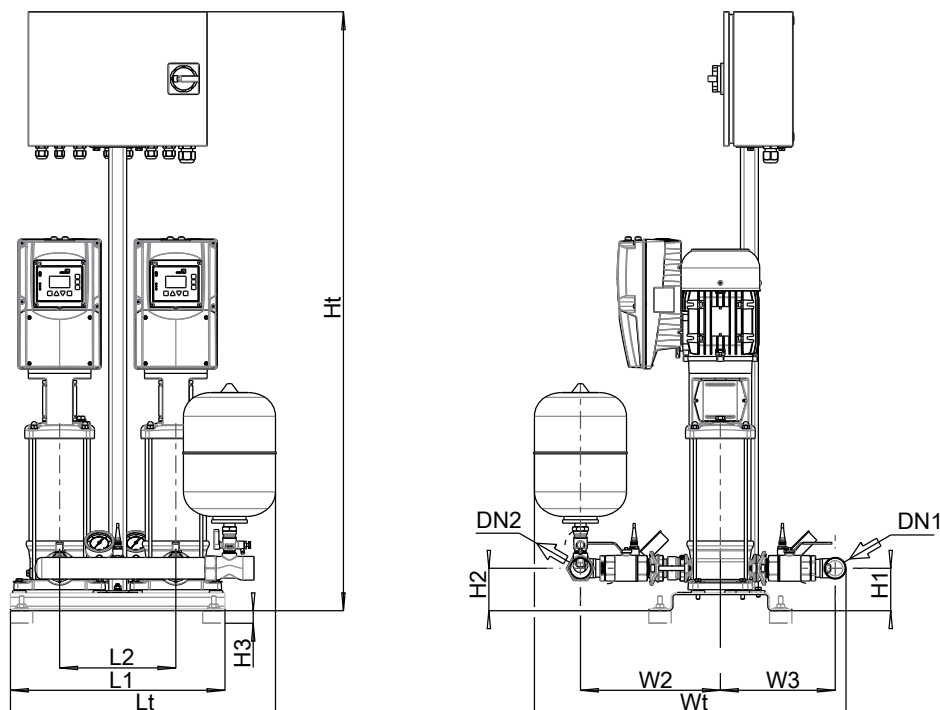


Fig. 8: Dimensions

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	724	95	95	28	1040	320	291	235	653
2	02	03	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1040	320	291	235	653
2	02	04	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1040	320	291	235	653
2	02	05	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1040	320	291	235	653
2	02	06	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1040	320	291	235	653
2	02	07	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1040	320	291	235	653
2	02	08	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1190	320	291	235	653
2	02	09	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1190	320	291	235	653
2	02	10	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1190	320	291	235	653
2	02	11	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1190	320	291	235	653
2	02	12	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1190	320	291	235	653
2	02	14	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1340	320	291	235	653
2	04	02	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1040	320	291	235	653
2	04	03	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1040	320	291	235	653
2	04	04	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1040	320	291	235	653
2	04	05	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1040	320	291	235	653
2	04	06	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1040	320	291	235	653
2	04	07	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1190	320	291	235	653
2	04	08	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1190	320	291	235	653
2	04	09	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1190	320	291	235	653
2	04	10	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1190	320	291	235	653
2	04	11	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1340	320	291	235	653
2	04	12	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1340	320	291	235	653
2	06	02	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1040	320	305	249	681
2	06	03	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1040	320	305	249	681
2	06	04	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1040	320	305	249	681
2	06	05	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1040	320	305	249	681
2	06	06	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1190	320	305	249	681
2	06	07	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1190	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	08	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1190	320	305	249	681
2	06	09	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1190	320	305	249	681
2	06	10	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1340	320	305	249	681
2	06	11	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1340	320	305	249	681
2	06	12	G 1 1/2	G 1 1/2	480	260	724	95	95	28	1340	320	305	249	681
2	10	01	G 2	G 2	640	340	739	125	125	28	1040	360	373	297	803
2	10	02	G 2	G 2	640	340	739	125	125	28	1040	360	373	297	803
2	10	03	G 2	G 2	640	340	739	125	125	28	1190	360	373	297	803
2	10	04	G 2	G 2	640	340	739	125	125	28	1190	360	373	297	803
2	10	05	G 2	G 2	640	340	739	125	125	28	1190	360	373	297	803
2	10	06	G 2	G 2	640	340	739	125	125	28	1190	360	373	297	803
2	10	07	G 2	G 2	640	340	739	125	125	28	1340	360	373	297	803
2	10	08	G 2	G 2	640	340	739	125	125	28	1340	360	373	297	803
2	10	09	G 2	G 2	640	340	739	125	125	28	1340	360	373	297	803
2	10	10	G 2	G 2	640	340	739	125	125	28	1590	360	373	297	803
2	15	01	DN 65	DN 65	640	340	715	125	125	28	1040	360	408	332	936
2	15	02	DN 65	DN 65	640	340	715	125	125	28	1190	360	408	332	936
2	15	03	DN 65	DN 65	640	340	715	125	125	28	1190	360	408	332	936
2	15	04	DN 65	DN 65	640	340	715	125	125	28	1190	360	408	332	936
2	15	05	DN 65	DN 65	640	340	715	125	125	28	1590	360	408	332	936
2	15	06	DN 65	DN 65	640	340	715	125	125	28	1590	360	408	332	936
2	15	07	DN 65	DN 65	640	340	715	125	125	28	1590	360	408	332	936

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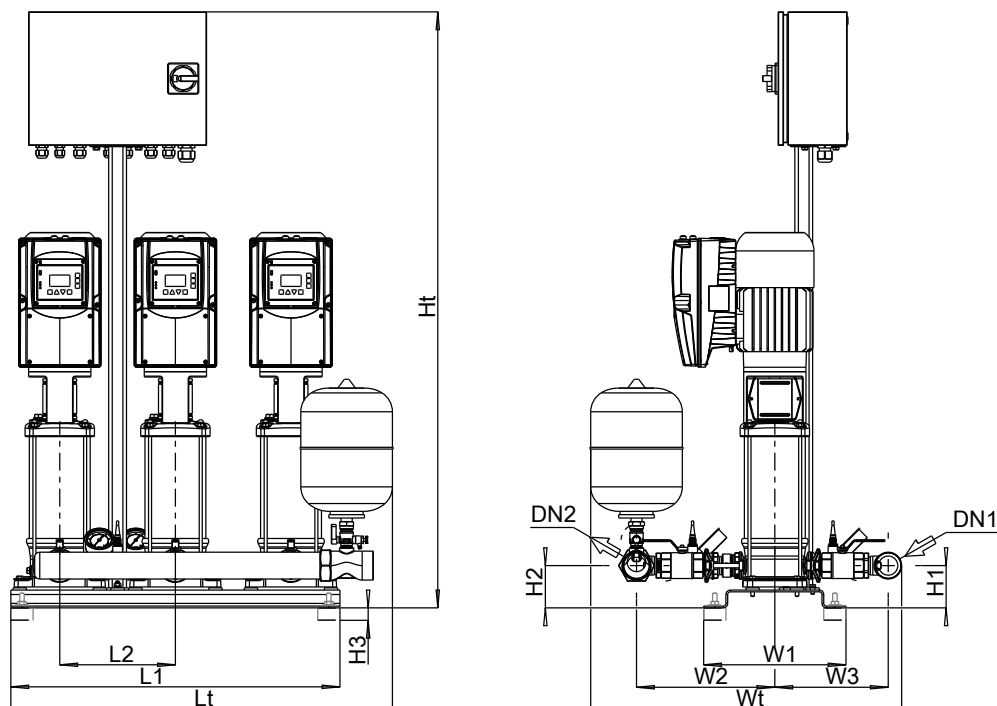


Fig. 9: Dimensions

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
3	02	02	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1040	320	291	235	653
3	02	03	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1040	320	291	235	653
3	02	04	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1040	320	291	235	653
3	02	05	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1040	320	291	235	653
3	02	06	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1040	320	291	235	653
3	02	07	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1040	320	291	235	653
3	02	08	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1190	320	291	235	653
3	02	09	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1190	320	291	235	653
3	02	10	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1190	320	291	235	653
3	02	11	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1190	320	291	235	653
3	02	12	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1190	320	291	235	653
3	02	14	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1340	320	291	235	653
3	04	02	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1040	320	291	235	653
3	04	03	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1040	320	291	235	653
3	04	04	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1040	320	291	235	653
3	04	05	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1040	320	291	235	653
3	04	06	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1040	320	291	235	653
3	04	07	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1190	320	291	235	653
3	04	08	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1190	320	291	235	653
3	04	09	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1190	320	291	235	653
3	04	10	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1190	320	291	235	653
3	04	11	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1340	320	291	235	653
3	04	12	G 1 1/2	G 1 1/2	740	260	984	95	95	28	1340	320	291	235	653
3	06	02	G 2	G 2	740	260	989	95	95	28	1040	320	311	255	699
3	06	03	G 2	G 2	740	260	989	95	95	28	1040	320	311	255	699
3	06	04	G 2	G 2	740	260	989	95	95	28	1040	320	311	255	699
3	06	05	G 2	G 2	740	260	989	95	95	28	1040	320	311	255	699
3	06	06	G 2	G 2	740	260	989	95	95	28	1190	320	311	255	699
3	06	07	G 2	G 2	740	260	989	95	95	28	1190	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	08	G 2	G 2	740	260	989	95	95	28	1190	320	311	255	699
3	06	09	G 2	G 2	740	260	989	95	95	28	1190	320	311	255	699
3	06	10	G 2	G 2	740	260	989	95	95	28	1340	320	311	255	699
3	06	11	G 2	G 2	740	260	989	95	95	28	1340	320	311	255	699
3	06	12	G 2	G 2	740	260	989	95	95	28	1340	320	311	255	699
3	10	01	G 2	G 2	980	340	1079	125	125	28	1040	360	373	297	803
3	10	02	G 2	G 2	980	340	1079	125	125	28	1040	360	373	297	803
3	10	03	G 2	G 2	980	340	1079	125	125	28	1190	360	373	297	803
3	10	04	G 2	G 2	980	340	1079	125	125	28	1190	360	373	297	803
3	10	05	G 2	G 2	980	340	1079	125	125	28	1190	360	373	297	803
3	10	06	G 2	G 2	980	340	1079	125	125	28	1190	360	373	297	803
3	10	07	G 2	G 2	980	340	1079	125	125	28	1340	360	373	297	803
3	10	08	G 2	G 2	980	340	1079	125	125	28	1340	360	373	297	803
3	10	09	G 2	G 2	980	340	1079	125	125	28	1340	360	373	297	803
3	10	10	G 2	G 2	980	340	1079	125	125	28	1590	360	373	297	803
3	15	01	DN 65	DN 65	980	340	1055	125	125	28	1040	360	408	332	936
3	15	02	DN 65	DN 65	980	340	1055	125	125	28	1190	360	408	332	936
3	15	03	DN 65	DN 65	980	340	1055	125	125	28	1190	360	408	332	936
3	15	04	DN 65	DN 65	980	340	1055	125	125	28	1190	360	408	332	936
3	15	05	DN 65	DN 65	980	340	1055	125	125	28	1590	360	408	332	936
3	15	06	DN 65	DN 65	980	340	1055	125	125	28	1590	360	408	332	936
3	15	07	DN 65	DN 65	980	340	1055	125	125	28	1590	360	408	332	936

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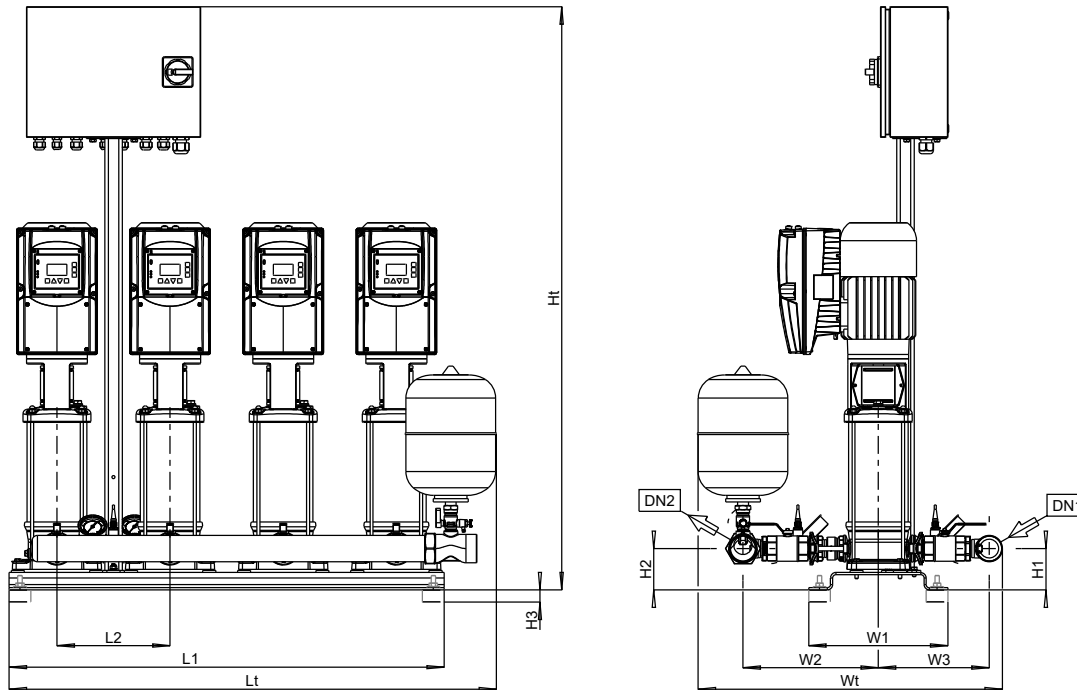


Fig. 10: Dimensions

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
4	02	02	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1040	320	291	235	653
4	02	03	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1040	320	291	235	653
4	02	04	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1040	320	291	235	653
4	02	05	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1040	320	291	235	653
4	02	06	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1040	320	291	235	653
4	02	07	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1040	320	291	235	653
4	02	08	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1190	320	291	235	653
4	02	09	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1190	320	291	235	653
4	02	10	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1190	320	291	235	653
4	02	11	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1190	320	291	235	653
4	02	12	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1190	320	291	235	653
4	02	14	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1340	320	291	235	653
4	04	02	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1040	320	291	235	653
4	04	03	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1040	320	291	235	653
4	04	04	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1040	320	291	235	653
4	04	05	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1040	320	291	235	653
4	04	06	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1040	320	291	235	653
4	04	07	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1190	320	291	235	653
4	04	08	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1190	320	291	235	653
4	04	09	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1190	320	291	235	653
4	04	10	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1190	320	291	235	653
4	04	11	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1340	320	291	235	653
4	04	12	G 1 1/2	G 1 1/2	1000	260	1244	95	95	28	1340	320	291	235	653
4	06	02	G 2	G 2	1000	260	1249	95	95	28	1040	320	311	255	699
4	06	03	G 2	G 2	1000	260	1249	95	95	28	1040	320	311	255	699
4	06	04	G 2	G 2	1000	260	1249	95	95	28	1040	320	311	255	699
4	06	05	G 2	G 2	1000	260	1249	95	95	28	1040	320	311	255	699
4	06	06	G 2	G 2	1000	260	1249	95	95	28	1190	320	311	255	699
4	06	07	G 2	G 2	1000	260	1249	95	95	28	1190	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	08	G 2	G 2	1000	260	1249	95	95	28	1190	320	311	255	699
4	06	09	G 2	G 2	1000	260	1249	95	95	28	1190	320	311	255	699
4	06	10	G 2	G 2	1000	260	1249	95	95	28	1340	320	311	255	699
4	06	11	G 2	G 2	1000	260	1249	95	95	28	1340	320	311	255	699
4	06	12	G 2	G 2	1000	260	1249	95	95	28	1340	320	311	255	699

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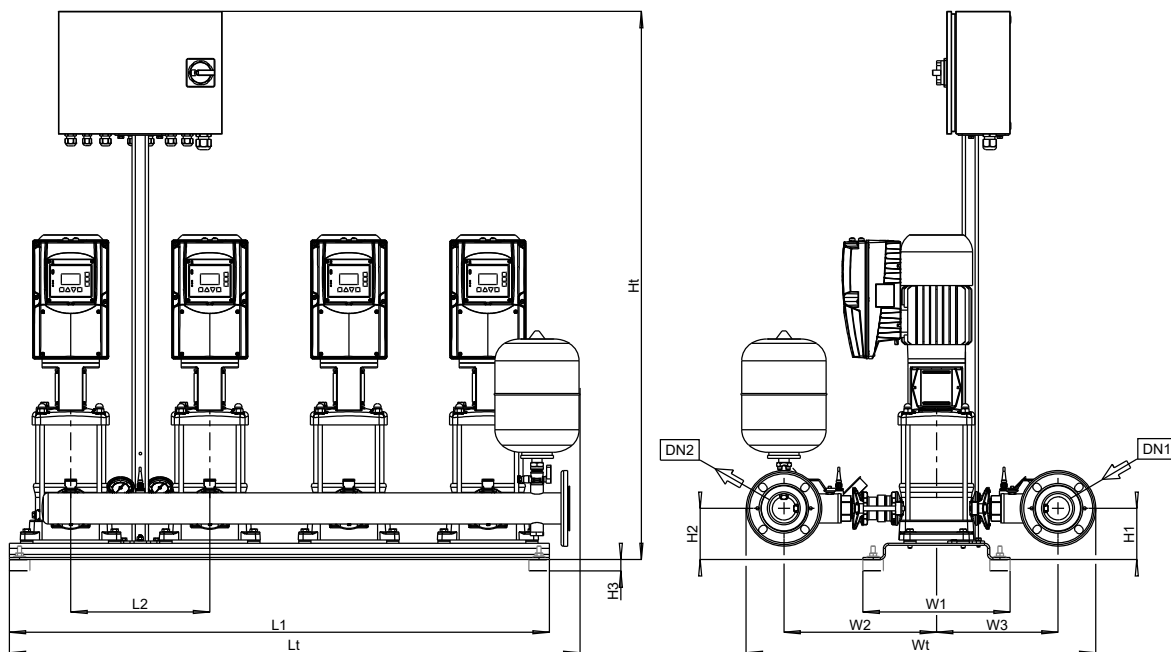


Fig. 11: Dimensions

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
4	10	01	DN 65	DN 65	1320	340	1395	125	125	28	1040	360	381	305	882
4	10	02	DN 65	DN 65	1320	340	1395	125	125	28	1040	360	381	305	882
4	10	03	DN 65	DN 65	1320	340	1395	125	125	28	1190	360	381	305	882
4	10	04	DN 65	DN 65	1320	340	1395	125	125	28	1190	360	381	305	882
4	10	05	DN 65	DN 65	1320	340	1395	125	125	28	1190	360	381	305	882
4	10	06	DN 65	DN 65	1320	340	1395	125	125	28	1190	360	381	305	882
4	10	07	DN 65	DN 65	1320	340	1395	125	125	28	1340	360	381	305	882
4	10	08	DN 65	DN 65	1320	340	1395	125	125	28	1340	360	381	305	882
4	10	09	DN 65	DN 65	1320	340	1395	125	125	28	1340	360	381	305	882
4	10	10	DN 65	DN 65	1320	340	1395	125	125	28	1590	360	381	305	882
4	15	01	DN 100	DN 100	1320	340	1395	125	125	28	1040	360	427	351	998
4	15	02	DN 100	DN 100	1320	340	1395	125	125	28	1190	360	427	351	998
4	15	03	DN 100	DN 100	1320	340	1395	125	125	28	1190	360	427	351	998
4	15	04	DN 100	DN 100	1320	340	1395	125	125	28	1190	360	427	351	998
4	15	05	DN 100	DN 100	1320	340	1395	125	125	28	1590	360	427	351	998
4	15	06	DN 100	DN 100	1320	340	1395	125	125	28	1590	360	427	351	998
4	15	07	DN 100	DN 100	1320	340	1395	125	125	28	1590	360	427	351	998

General assembly drawings/exploded views with list of components

DeltaBasic MVP

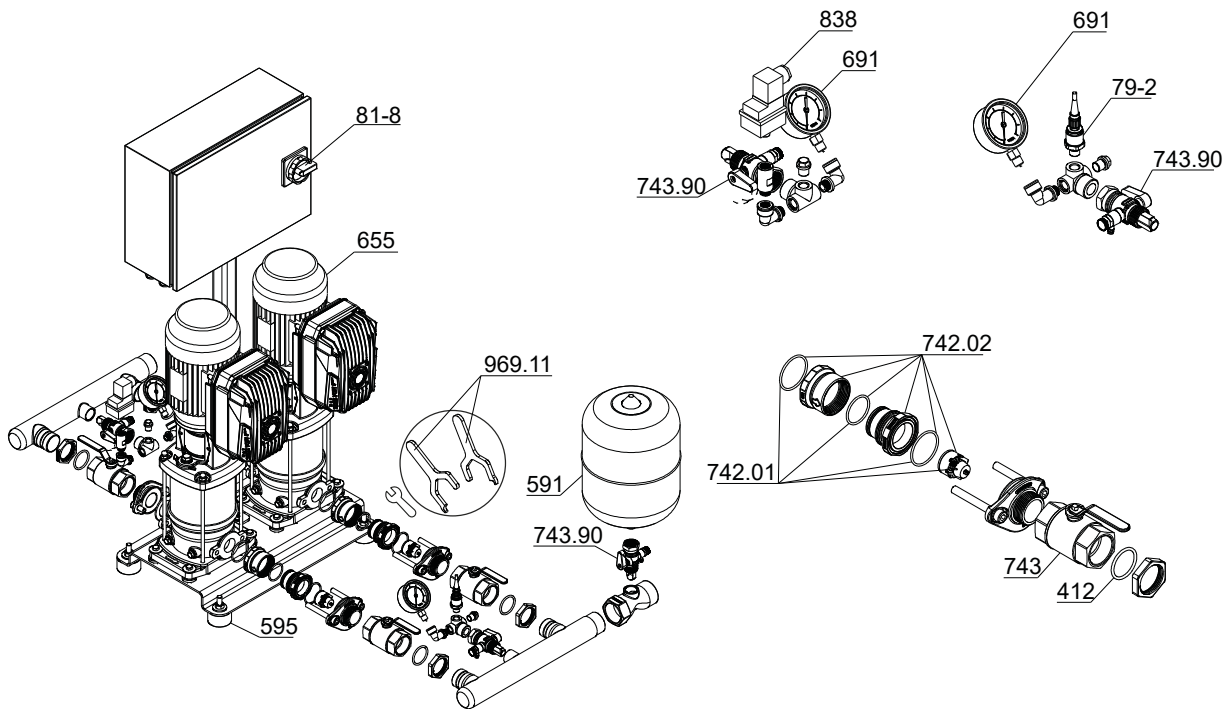


Fig. 12: DeltaBasic MVP

Table 16: List of components

Part No.	Description	Part No.	Description
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	838	Pressure switch for dry running protection
595	Anti-vibration pad	969.11	Tool
655	Pump		

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

DeltaBasic SVP

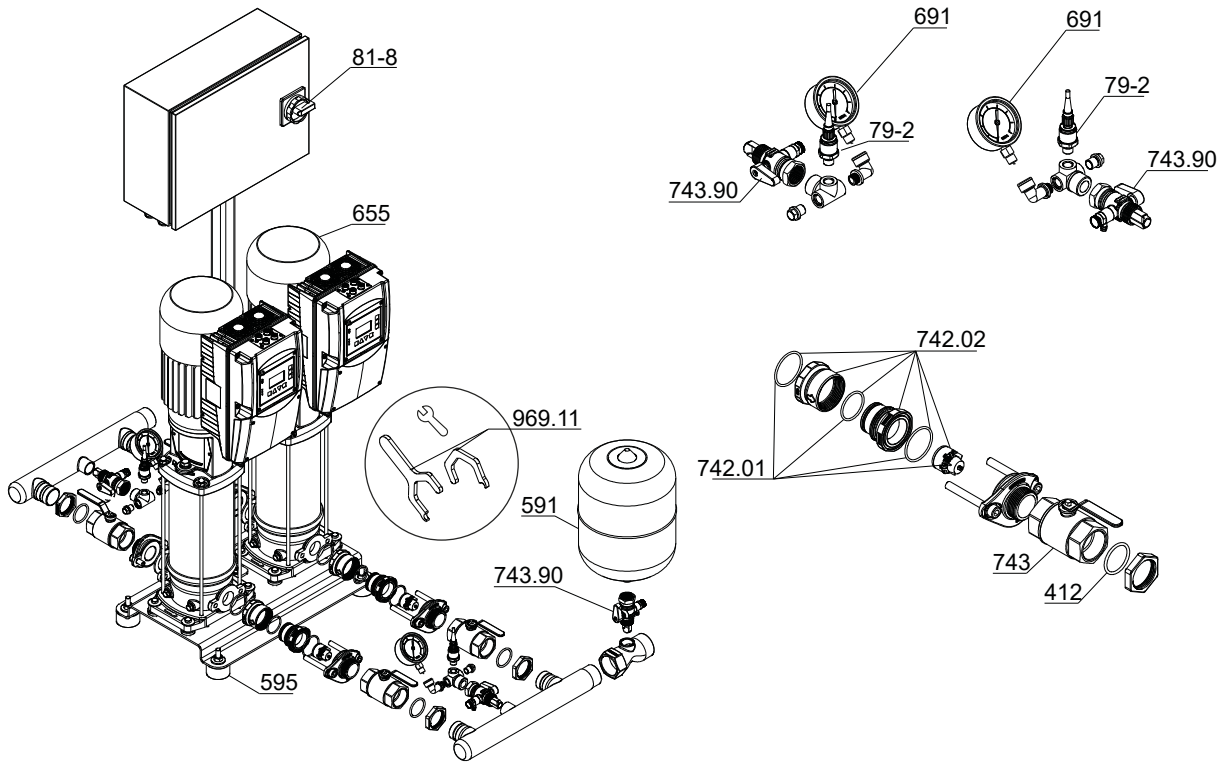


Fig. 13: DeltaBasic SVP

Table 17: List of components

Part No.	Description	Part No.	Description
79-2	Measuring transducer	655	Pump
81-8	Kit-Master switch	691	Pressure gauge
412	O-ring	742.01/.02	Lift check valve
591	Membrane-type accumulator	743/743.90	Ball valve
595	Anti-vibration pad	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 for rotating electrical machinery 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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