

Pressure Booster System

DeltaSolo

DeltaSolo MVP
DeltaSolo SVP

Type Series Booklet



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Type Series Booklet DeltaSolo

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Building Services: Water Supply

Pressure Booster Systems

DeltaSolo



DeltaSolo SVP

DeltaSolo 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 [m ³ /h]	≤ 22	≤ 76
	Q [l/s]	≤ 6,1	≤ 21,1
Head	H [m]	≤ 108	≤ 145
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	22,00

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

- Fully automatic pressure booster package system
- Variable speed operation
- Baseplate-mounted
- Vertical high-pressure centrifugal pump
- Hydraulic components made of stainless steel / brass
- Check valve
- Discharge-side, direct-flow membrane-type accumulator, approved for drinking water
- Pressure gauge
- Integrated dry running protection
- Pressure transmitter on the discharge side
- Vibration damping

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

- Frequency inverter

SVP:

- Display on each drive
- Fault message signalling contact
- Operation signalling contact

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 ¹⁾
	S	2 trimmed L-version impellers ¹⁾
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

¹ 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	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 x T (cap x thread)
	1	C x F (cap x flange)
	2	F x 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 DeltaSolo SVP / MVP

1	Frequency inverter	4	Pressure gauge
2	Membrane-type accumulator	5	Connection
3	Pump	6	Baseplate

Design

The fully automatic pressure booster system pumps the fluid to the consumer installations in the set pressure range with a non-self-priming vertical high-pressure pump (3).

Function

The pressure booster system is started and stopped automatically as a function of pressure. The pump is started up as a function of pressure when consumer installations are opened. Lack of water will cause the frequency inverter to stop the pump automatically.

In manual mode, a minimum flow is essential to prevent the fluid handled and/or the pump from overheating when no water is consumed at the consumer installations.

Materials

Table 4: Overview of available materials

Part No. (⇒ Page 37)	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
- 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

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. Transfer the values to the characteristic curves diagram to select the corresponding pump.
⇒ This results in the selection of a DeltaSolo SVP 1/1508.



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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Selection information

Selection example

Requirements:

Required duty point:

- Flow rate: 10 m³/h
- Head: 50 m
- Inlet pressure: 1 bar

Technical data

Delta Solo MVP, inlet condition M

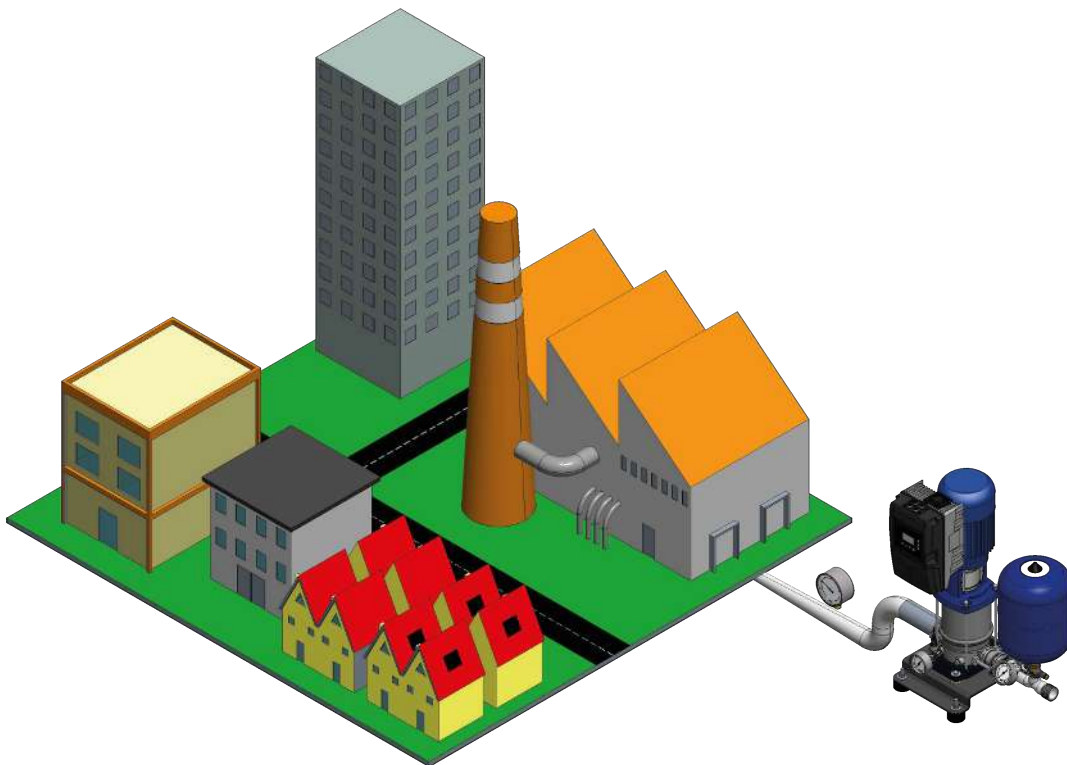


Fig. 2: Inlet conditions, version M (mains) = direct connection (inlet side of pressure booster system connected to the municipal water supply)

MVP = variable speed pressure booster system

1 × 230 V ± 10 %

Dry running protection = pressure switch

Table 6: 50 Hz

DeltaSolo	Number of pumps	Movitec	Number of stages	DN1	DN2	P _N [kW]	Efficiency class	I _N Motor Δ/ Y [A]	Frequency of starts [x/h]	I _{max} PBS [A]	I _{max} Fuse limit [A]	Sound pressure level [dB(A)]	Enclosure	PN	Mat. No.	[kg]
MVP	1	02	02	G 1 1/4	G 1 1/4	0,37	IE-	2,4	50	4,5	6	60	IP54	16	48281234	28,675
MVP	1	02	03	G 1 1/4	G 1 1/4	0,37	IE-	2,4	50	4,5	6	60	IP54	16	48281235	29,12
MVP	1	02	04	G 1 1/4	G 1 1/4	0,37	IE-	2,4	50	4,5	6	60	IP54	16	48281236	29,586
MVP	1	02	05	G 1 1/4	G 1 1/4	0,37	IE-	2,4	50	4,5	6	60	IP54	16	48278796	30,049
MVP	1	02	06	G 1 1/4	G 1 1/4	0,55	IE-	2,1	50	4,5	6	60	IP54	16	48281237	32,016
MVP	1	02	07	G 1 1/4	G 1 1/4	0,55	IE-	2,1	50	4,5	6	60	IP54	16	48281238	32,46
MVP	1	02	08	G 1 1/4	G 1 1/4	0,55	IE-	2,1	50	4,5	6	60	IP54	16	48278797	32,924
MVP	1	02	09	G 1 1/4	G 1 1/4	0,75	IE3	3,1	180	7	10	55	IP54	16	48281239	35,34
MVP	1	02	10	G 1 1/4	G 1 1/4	0,75	IE3	3,1	180	7	10	55	IP54	16	48278798	35,818
MVP	1	02	11	G 1 1/4	G 1 1/4	1,10	IE3	4	180	7	10	55	IP54	16	48281240	38,585
MVP	1	02	12	G 1 1/4	G 1 1/4	1,10	IE3	4	180	7	10	55	IP54	16	48281241	39,056
MVP	1	02	14	G 1 1/4	G 1 1/4	1,10	IE3	4	180	7	10	55	IP54	16	48278799	39,986
MVP	1	04	02	G 1 1/4	G 1 1/4	0,37	IE-	2,4	50	4,5	6	60	IP54	16	48278800	28,595
MVP	1	04	03	G 1 1/4	G 1 1/4	0,55	IE-	2,1	50	4,5	6	60	IP54	16	48281245	30,501
MVP	1	04	04	G 1 1/4	G 1 1/4	0,55	IE-	2,1	50	4,5	6	60	IP54	16	48278801	30,928
MVP	1	04	05	G 1 1/4	G 1 1/4	0,75	IE3	3,1	180	7	10	55	IP54	16	48278802	33,28
MVP	1	04	06	G 1 1/4	G 1 1/4	1,10	IE3	4	180	7	10	55	IP54	16	48281246	36,008
MVP	1	04	07	G 1 1/4	G 1 1/4	1,10	IE3	4	180	7	10	55	IP54	16	48278803	36,413
MVP	1	04	08	G 1 1/4	G 1 1/4	1,50	IE3	5,3	50	11	16	55	IP54	16	48281247	41,702

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DeltaSolo	Number of pumps	Movitec	Number of stages	DN1	DN2	P _N	Efficiency class	I _N Motor Δ/ Y	Frequency of starts	I _{max} PBS	I _{max} Fuse limit	Sound pres- sure level	Enclosure	PN	Mat. No.	[kg]
						[kW]		[A]								
MVP	1	04	09	G 1 1/4	G 1 1/4	1,50	IE3	5,3	50	11	16	55	IP54	16	48281248	42,151
MVP	1	04	10	G 1 1/4	G 1 1/4	1,50	IE3	5,3	50	11	16	55	IP54	16	48278804	42,59
MVP	1	04	11	G 1 1/4	G 1 1/4	2,20 (2,00)	IE3	7,5	30	11	16	55	IP54	16	48281249	47,318
MVP	1	04	12	G 1 1/4	G 1 1/4	2,20 (2,00)	IE3	7,5	30	11	16	55	IP54	16	48281250	47,75
MVP	1	06	02	G 1 1/4	G 1 1/4	0,37	IE-	2,4	50	4,5	6	60	IP54	16	48278805	28,713
MVP	1	06	03	G 1 1/4	G 1 1/4	0,75	IE3	3,1	180	7	10	55	IP54	16	48278806	32,61
MVP	1	06	04	G 1 1/4	G 1 1/4	1,10	IE3	4	180	7	10	55	IP54	16	48281251	35,402
MVP	1	06	05	G 1 1/4	G 1 1/4	1,10	IE3	4	180	7	10	55	IP54	16	48278807	35,893
MVP	1	06	06	G 1 1/4	G 1 1/4	1,50	IE3	5,3	50	11	16	55	IP54	16	48281252	41,225
MVP	1	06	07	G 1 1/4	G 1 1/4	1,50	IE3	5,3	50	11	16	55	IP54	16	48278808	41,738
MVP	1	06	08	G 1 1/4	G 1 1/4	2,20 (2,00)	IE3	7,5	30	11	16	55	IP54	16	48281253	46,531
MVP	1	06	09	G 1 1/4	G 1 1/4	2,20 (2,00)	IE3	7,5	30	11	16	55	IP54	16	48281254	47,018
MVP	1	10	01	G 1 1/2	G 1 1/2	0,75	IE3	3,1	180	7	10	55	IP54	16	48281255	41,744
MVP	1	10	02	G 1 1/2	G 1 1/2	0,75	IE3	3,1	180	7	10	55	IP54	16	48278810	42,001
MVP	1	10	03	G 1 1/2	G 1 1/2	1,10	IE3	4	180	7	10	55	IP54	16	48278811	45,202
MVP	1	10	04	G 1 1/2	G 1 1/2	1,50	IE3	5,3	50	11	16	55	IP54	16	48278812	50,997
MVP	1	10	05	G 1 1/2	G 1 1/2	2,20 (2,00)	IE3	7,5	30	11	16	55	IP54	16	48281256	56,205
MVP	1	15	01	G 2	G 2	1,10	IE3	4,0	180	7	10	55	IP54	16	48245783	44,687
MVP	1	15	02	G 2	G 2	2,20 (2,00)	IE3	7,5	30	11	16	55	IP54	16	48245785	54,227

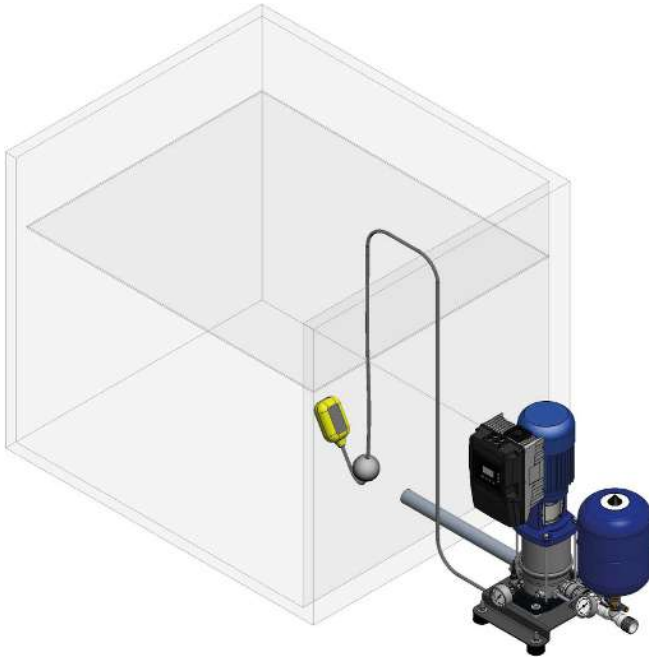
DeltaSolo MVP, inlet condition F


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

1 × 230 V ± 10 %

Table 7: 50 Hz

DeltaSolo	Number of pumps	Movitec	Number of stages	DN1	DN2	P _N [kW]	Efficiency class	I _N Motor Δ/ Y [A]	Frequency of starts [x/h]	I _{max} PBS [A]	I _{max} Fuse limit [A]	Sound pressure level [dB(A)]	Enclosure	PN	Mat. No.	[kg]
MVP	1	02	02	DN 32	DN 32	0,37	IE-	0,95	50	4,5	4,5	60	IP54	16	05166809	27,885
MVP	1	02	03	DN 32	DN 32	0,37	IE-	0,95	50	4,5	4,5	60	IP54	16	05166811	28,33
MVP	1	02	04	DN 32	DN 32	0,37	IE-	0,95	50	4,5	4,5	60	IP54	16	05166813	28,796
MVP	1	02	05	DN 32	DN 32	0,37	IE-	0,95	50	4,5	4,5	60	IP54	16	05166815	29,259
MVP	1	02	06	DN 32	DN 32	0,55	IE-	1,2	50	4,5	4,5	60	IP54	16	05166817	31,226
MVP	1	02	07	DN 32	DN 32	0,55	IE-	1,2	50	4,5	4,5	60	IP54	16	05166819	31,67
MVP	1	02	08	DN 32	DN 32	0,55	IE-	1,2	50	4,5	4,5	60	IP54	16	05166821	32,134
MVP	1	02	09	DN 32	DN 32	0,75	IE3	1,8	180	7	7	55	IP54	16	05166823	34,55
MVP	1	02	10	DN 32	DN 32	0,75	IE3	1,8	180	7	7	55	IP54	16	05166825	35,028
MVP	1	02	11	DN 32	DN 32	1,10	IE3	2,3	180	7	7	55	IP54	16	05166827	37,795
MVP	1	02	12	DN 32	DN 32	1,10	IE3	2,3	180	7	7	55	IP54	16	05166829	38,266
MVP	1	02	14	DN 32	DN 32	1,10	IE3	2,3	180	7	7	55	IP54	16	05166831	39,196
MVP	1	02	16	DN 32	DN 32	1,50	IE3	3	50	11	11	55	IP54	16	05166833	44,997
MVP	1	02	18	DN 32	DN 32	1,50	IE3	3	50	11	11	55	IP54	16	05166835	45,926
MVP	1	04	02	DN 32	DN 32	0,37	IE-	0,95	50	4,5	4,5	60	IP54	16	05166839	27,805
MVP	1	04	03	DN 32	DN 32	0,55	IE-	1,2	50	4,5	4,5	60	IP54	16	05166841	29,711
MVP	1	04	04	DN 32	DN 32	0,55	IE-	1,2	50	4,5	4,5	60	IP54	16	05166843	30,138
MVP	1	04	05	DN 32	DN 32	0,75	IE3	1,8	180	7	7	55	IP54	16	05166845	32,49
MVP	1	04	06	DN 32	DN 32	1,10	IE3	2,3	180	7	7	55	IP54	16	05166847	35,218
MVP	1	04	07	DN 32	DN 32	1,10	IE3	2,3	180	7	7	55	IP54	16	05166849	35,623
MVP	1	04	08	DN 32	DN 32	1,50	IE3	3	50	11	11	55	IP54	16	05166851	40,912
MVP	1	04	09	DN 32	DN 32	1,50	IE3	3	50	11	11	55	IP54	16	05166853	41,361
MVP	1	04	10	DN 32	DN 32	1,50	IE3	3	50	11	11	55	IP54	16	05166855	41,8
MVP	1	04	11	DN 32	DN 32	2,20 (2,00)	IE3	4,3	30	11	11	55	IP54	16	05166857	46,528
MVP	1	04	12	DN 32	DN 32	2,20 (2,00)	IE3	4,3	30	11	11	55	IP54	16	05166859	46,96

DeltaSolo	Number of pumps	Movitec	Number of stages	DN1	DN2	P _N	Efficiency class	I _N Motor Δ/ Y	Frequency of starts	I _{max} PBS	I _{max} Fuse limit	Sound pressure level [dB(A)]	Enclosure	PN	Mat. No.	[kg]
						[kW]		[A]		[x/h]	[A]					
MVP	1	06	02	DN 32	DN 32	0,37	IE-	0,95	50	4,5	4,5	60	IP54	16	05166863	27,923
MVP	1	06	03	DN 32	DN 32	0,75	IE3	1,8	180	7	7	55	IP54	16	05166865	31,82
MVP	1	06	04	DN 32	DN 32	1,10	IE3	2,3	180	7	7	55	IP54	16	05166867	34,612
MVP	1	06	05	DN 32	DN 32	1,10	IE3	2,3	180	7	7	55	IP54	16	05166869	35,103
MVP	1	06	06	DN 32	DN 32	1,50	IE3	3	50	11	11	55	IP54	16	05166871	40,435
MVP	1	06	07	DN 32	DN 32	1,50	IE3	3	50	11	11	55	IP54	16	05166873	40,948
MVP	1	06	08	DN 32	DN 32	2,20 (2,00)	IE3	4,3	30	11	11	55	IP54	16	05166875	45,741
MVP	1	06	09	DN 32	DN 32	2,20 (2,00)	IE3	4,3	30	11	11	55	IP54	16	05166877	46,228
MVP	1	10	01	DN 40	DN 40	0,75	IE3	1,8	180	7	7	55	IP54	16	05166884	40,954
MVP	1	10	02	DN 40	DN 40	0,75	IE3	1,8	180	7	7	55	IP54	16	05166886	41,211
MVP	1	10	03	DN 40	DN 40	1,10	IE3	2,3	180	7	7	55	IP54	16	05166888	44,412
MVP	1	10	04	DN 40	DN 40	1,50	IE3	3	50	11	11	55	IP54	16	05166890	50,207
MVP	1	10	05	DN 40	DN 40	2,20 (2,00)	IE3	4,3	30	11	11	55	IP54	16	05166892	55,415
MVP	1	15	01	DN 50	DN 50	1,10	IE3	2,3	180	7	7	55	IP54	16	05168476	43,897
MVP	1	15	02	DN 50	DN 50	2,20 (2,00)	IE3	4,3	30	11	11	55	IP54	16	05168478	53,437

DeltaSolo SVP, inlet condition M

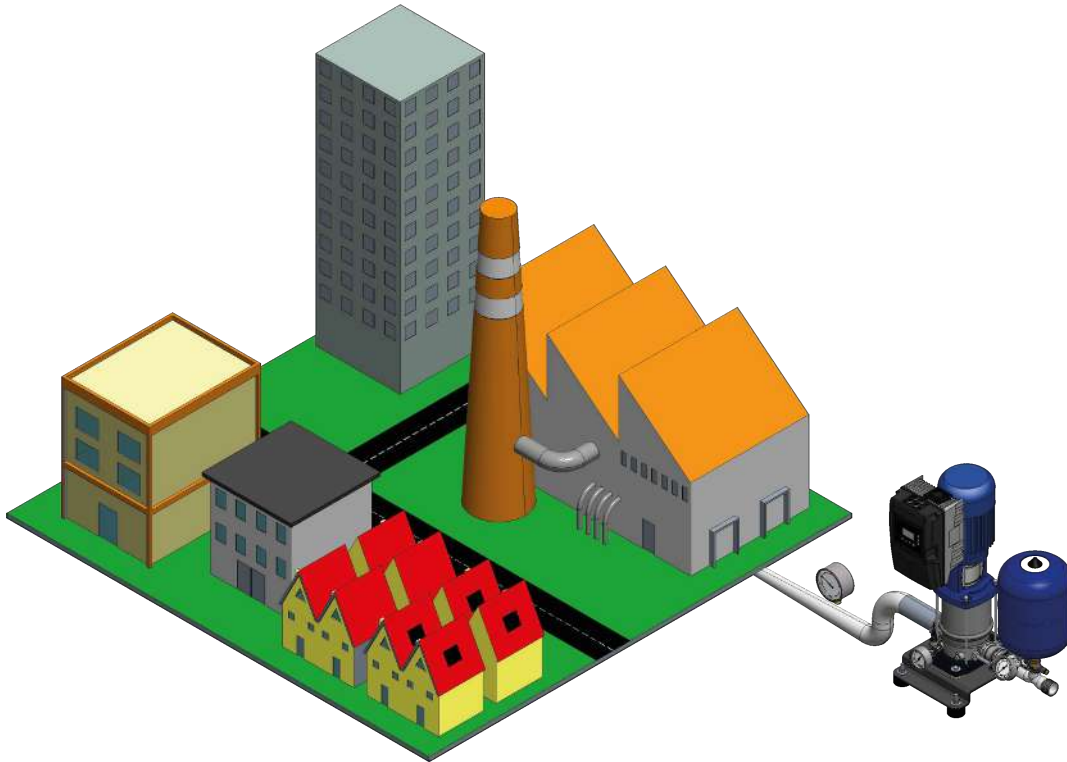


Fig. 4: Inlet conditions, version M (mains) = direct connection (inlet side of pressure booster system connected to the municipal water supply)

SVP = variable speed pressure booster system with KSB SuPremE motor

3 × 400 V ± 10 %

Dry running protection = pressure sensor

Table 8: 50 Hz

DeltaSolo	Number of pumps	Movitec	Number of stages	DN1	DN2	P _N [kW]	Efficiency class	I _n Motor Δ/ Y	Frequency of starts [x/h]	I _{max} PBS [A]	I _{max} Fuse limit [A]	Sound pres- sure level [dB(A)]	Enclosure	PN	Mat. No.	[kg]
								[A]								
SVP	1	02	02	G 1 1/4	G 1 1/4	0,37	IE-	1,6	~	1,3	6	70	IP54	16	48281259	32,725
SVP	1	02	03	G 1 1/4	G 1 1/4	0,37	IE-	1,6	~	1,3	6	70	IP54	16	48281260	33,17
SVP	1	02	04	G 1 1/4	G 1 1/4	0,37	IE-	1,6	~	1,3	6	70	IP54	16	48281261	33,636
SVP	1	02	05	G 1 1/4	G 1 1/4	0,55	IE5	1,6	~	1,8	6	70	IP54	16	48278813	34,099
SVP	1	02	06	G 1 1/4	G 1 1/4	0,55	IE5	1,6	~	1,8	6	70	IP54	16	48281262	34,566
SVP	1	02	07	G 1 1/4	G 1 1/4	0,55	IE5	1,6	~	1,8	6	70	IP54	16	48281263	35,01
SVP	1	02	08	G 1 1/4	G 1 1/4	0,75	IE5	2,1	~	2,5	6	70	IP54	16	48278814	36,904
SVP	1	02	09	G 1 1/4	G 1 1/4	0,75	IE5	2,1	~	2,5	6	70	IP54	16	48281264	37,392
SVP	1	02	10	G 1 1/4	G 1 1/4	0,75	IE5	2,1	~	2,5	6	70	IP54	16	48278815	37,87
SVP	1	02	11	G 1 1/4	G 1 1/4	1,10	IE5	3	~	3,5	10	70	IP54	16	48281265	40,337
SVP	1	02	12	G 1 1/4	G 1 1/4	1,10	IE5	3	~	3,5	10	70	IP54	16	48281266	40,808
SVP	1	02	14	G 1 1/4	G 1 1/4	1,10	IE5	3	~	3,5	10	70	IP54	16	48278816	41,738
SVP	1	04	02	G 1 1/4	G 1 1/4	0,37	IE-	1,6	~	1,3	6	70	IP54	16	48278817	32,645
SVP	1	04	03	G 1 1/4	G 1 1/4	0,55	IE5	1,6	~	1,8	6	70	IP54	16	48281270	33,051
SVP	1	04	04	G 1 1/4	G 1 1/4	0,75	IE5	2,1	~	2,5	6	70	IP54	16	48278818	34,908
SVP	1	04	05	G 1 1/4	G 1 1/4	0,75	IE5	2,1	~	2,5	6	70	IP54	16	48278819	35,332
SVP	1	04	06	G 1 1/4	G 1 1/4	1,10	IE5	3	~	3,5	10	70	IP54	16	48281271	37,76
SVP	1	04	07	G 1 1/4	G 1 1/4	1,10	IE5	3	~	3,5	10	70	IP54	16	48278820	38,165
SVP	1	04	08	G 1 1/4	G 1 1/4	1,50	IE5	4,1	~	4,9	10	70	IP54	16	48281272	42,17
SVP	1	04	09	G 1 1/4	G 1 1/4	1,50	IE5	4,1	~	4,9	10	70	IP54	16	48281273	42,619
SVP	1	04	10	G 1 1/4	G 1 1/4	1,50	IE5	4,1	~	4,9	10	70	IP54	16	48278821	43,058

DeltaSolo	Number of pumps	Movitec	Number of stages	DN1	DN2	P _N [kW]	Efficiency class	I _N Motor Δ/ Y [A]	Frequency of starts [x/h]	I _{max} PBS [A]	I _{max} Fuse limit [A]	Sound pres- sure level [dB(A)]	Enclosure	PN	Mat. No.	[kg]
SVP	1	04	11	G 1 1/4	G 1 1/4	2,20	IE5	5,6	~	6	10	70	IP54	16	48281274	47,497
SVP	1	04	12	G 1 1/4	G 1 1/4	2,20	IE5	5,6	~	6	10	70	IP54	16	48281275	47,929
SVP	1	06	02	G 1 1/4	G 1 1/4	0,55	IE5	1,6	~	1,8	6	70	IP54	16	48278823	32,763
SVP	1	06	03	G 1 1/4	G 1 1/4	0,75	IE5	2,1	~	2,5	6	70	IP54	16	48278824	34,662
SVP	1	06	04	G 1 1/4	G 1 1/4	1,10	IE5	3	~	3,5	10	70	IP54	16	48281277	37,154
SVP	1	06	05	G 1 1/4	G 1 1/4	1,10	IE5	3	~	3,5	10	70	IP54	16	48278825	37,645
SVP	1	06	06	G 1 1/4	G 1 1/4	1,50	IE5	4,1	~	4,9	10	70	IP54	16	48281278	41,693
SVP	1	06	07	G 1 1/4	G 1 1/4	1,50	IE5	4,1	~	4,9	10	70	IP54	16	48278826	42,206
SVP	1	06	08	G 1 1/4	G 1 1/4	2,20	IE5	5,6	~	6	10	70	IP54	16	48281279	46,71
SVP	1	06	09	G 1 1/4	G 1 1/4	2,20	IE5	5,6	~	6	10	70	IP54	16	48281280	47,197
SVP	1	06	10	G 1 1/4	G 1 1/4	2,20	IE5	5,6	~	6	10	70	IP54	16	48278827	47,703
SVP	1	06	11	G 1 1/4	G 1 1/4	3,00	IE5	7,6	~	8	16	71	IP54	16	48281281	54,565
SVP	1	06	12	G 1 1/4	G 1 1/4	3,00	IE5	7,6	~	8	16	71	IP54	16	48281282	55,058
SVP	1	10	01	G 1 1/2	G 1 1/2	0,75	IE5	2,1	~	2,5	6	70	IP54	16	48281284	43,796
SVP	1	10	02	G 1 1/2	G 1 1/2	0,75	IE5	2,1	~	2,5	6	70	IP54	16	48278829	44,053
SVP	1	10	03	G 1 1/2	G 1 1/2	1,10	IE5	3	~	3,5	10	70	IP54	16	48278830	46,954
SVP	1	10	04	G 1 1/2	G 1 1/2	1,50	IE5	4,1	~	4,9	10	70	IP54	16	48278831	51,465
SVP	1	10	05	G 1 1/2	G 1 1/2	2,20	IE5	5,6	~	6	10	70	IP54	16	48281285	56,384
SVP	1	10	06	G 1 1/2	G 1 1/2	2,20	IE5	5,6	~	6	10	70	IP54	16	48278832	57,29
SVP	1	10	07	G 1 1/2	G 1 1/2	3,00	IE5	7,6	~	8	16	71	IP54	16	48281286	64,642
SVP	1	10	08	G 1 1/2	G 1 1/2	3,00	IE5	7,6	~	8	16	71	IP54	16	48278833	65,575
SVP	1	10	09	G 1 1/2	G 1 1/2	4,00	IE5	9,4	~	10	16	71	IP54	16	48281287	78,08
SVP	1	10	10	G 1 1/2	G 1 1/2	4,00	IE5	9,4	~	10	16	71	IP54	16	48281288	79,041
SVP	1	15	01	G 2	G 2	1,10	IE5	3	~	3,5	10	70	IP54	16	48245784	46,439
SVP	1	15	02	G 2	G 2	2,20	IE5	5,6	~	6	10	70	IP54	16	48245786	54,406
SVP	1	15	03	G 2	G 2	3,00	IE5	7,6	~	8	16	71	IP54	16	48245787	62,083
SVP	1	15	04	G 2	G 2	4,00	IE5	9,4	~	10	16	71	IP54	16	48245788	74,312
SVP	1	15	05	G 2	G 2	5,50	IE5	12,5	~	14	32	71	IP54	16	48245789	93,894
SVP	1	15	06	G 2	G 2	7,50	IE5	16,7	~	18	32	71	IP54	16	48245790	111,123
SVP	1	15	07	G 2	G 2	7,50	IE5	16,7	~	18	32	71	IP54	16	48245791	112,352
SVP	1	15	08	G 2	G 2	11,00	IE5	23,7	~	25	32	71	IP54	16	48245792	139,945
SVP	1	25	01	DN 65	DN 65	2,20	IE5	5,6	~	6	10	70	IP54	16	48276252	124,353
SVP	1	25	02	DN 65	DN 65	4,00	IE5	9,4	~	10	16	71	IP54	16	48276253	144,664
SVP	1	25	03	DN 65	DN 65	5,50	IE5	12,5	~	14	32	71	IP54	16	48276254	166,149
SVP	1	25	04	DN 65	DN 65	7,50	IE5	16,7	~	18	32	71	IP54	16	48276255	184,888
SVP	1	25	05	DN 65	DN 65	11,00	IE5	23,7	~	25	32	71	IP54	16	48276256	214,453
SVP	1	25	06	DN 65	DN 65	11,00	IE5	23,7	~	25	32	71	IP54	16	48276257	217,132
SVP	1	40	01-1	DN 80	DN 80	3,00	IE5	7,6	~	8	16	71	IP54	16	48276259	153,737
SVP	1	40	01	DN 80	DN 80	4,00	IE5	9,4	~	10	16	71	IP54	16	48276260	164,743
SVP	1	40	02-2	DN 80	DN 80	5,50	IE5	12,5	~	14	32	71	IP54	16	48276261	190,769
SVP	1	40	02	DN 80	DN 80	7,50	IE5	16,7	~	18	32	71	IP54	16	48276262	206,781
SVP	1	40	03-2	DN 80	DN 80	11,00	IE5	23,7	~	25	32	71	IP54	16	48276263	234,729
SVP	1	40	03	DN 80	DN 80	11,00	IE5	23,7	~	25	32	71	IP54	16	48276264	234,741
SVP	1	40	04-2	DN 80	DN 80	15,00	IE5	32	~	33	40	71	IP54	16	48276265	272,887
SVP	1	40	04	DN 80	DN 80	15,00	IE5	32	~	33	40	71	IP54	16	48276266	272,899
SVP	1	40	05-2	DN 80	DN 80	18,50	IE5	38,8	~	42	50	72	IP54	16	48276267	287,384
SVP	1	60	01-1	DN 100	DN 100	4,00	IE5	9,4	~	10	16	71	IP54	16	48276270	180,899
SVP	1	60	01	DN 100	DN 100	5,50	IE5	12,5	~	14	32	71	IP54	16	48276271	203,505
SVP	1	60	02-2	DN 100	DN 100	7,50	IE5	16,7	~	18	32	71	IP54	16	48276272	222,98
SVP	1	60	02	DN 100	DN 100	11,00	IE5	23,7	~	25	32	71	IP54	16	48276273	247,586
SVP	1	60	03-2	DN 100	DN 100	15,00	IE5	32	~	33	40	71	IP54	16	48276274	285,798

DeltaSolo	Number of pumps	Movitec	Number of stages	DN1	DN2	P _N		Efficiency class	I _N Motor Δ/ Y		Frequency of starts	I _{max} PBS	I _{max} Fuse limit	Sound pres- sure level	Enclosure	PN	Mat. No.	[kg]
						[kW]			[A]									
SVP	1	60	03	DN 100	DN 100		18,50	IE5		38,8	~	42	50	72	IP54	16	48276275	296,91
SVP	1	60	04-2	DN 100	DN 100		18,50	IE5		38,8	~	42	50	72	IP54	16	48276276	300,296
SVP	1	60	04	DN 100	DN 100		22,00	IE4		50	~	51	63	72	IP54	16	48276277	373,373

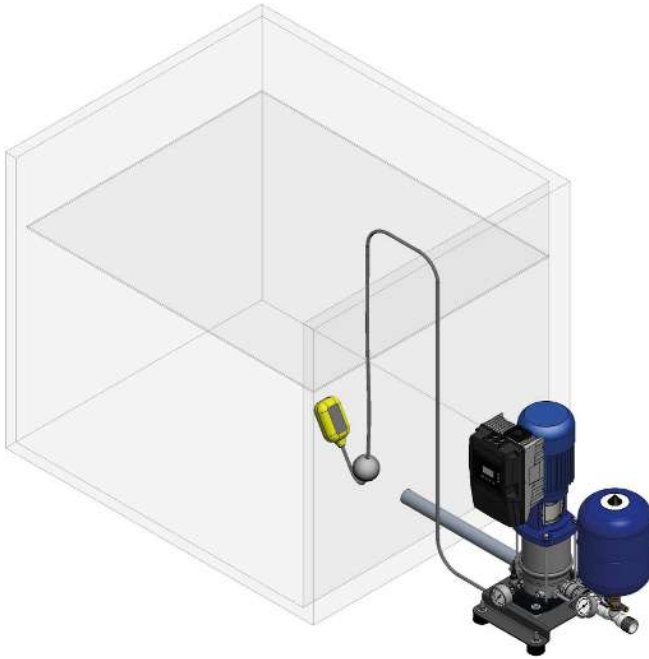
DeltaSolo SVP, inlet condition F


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

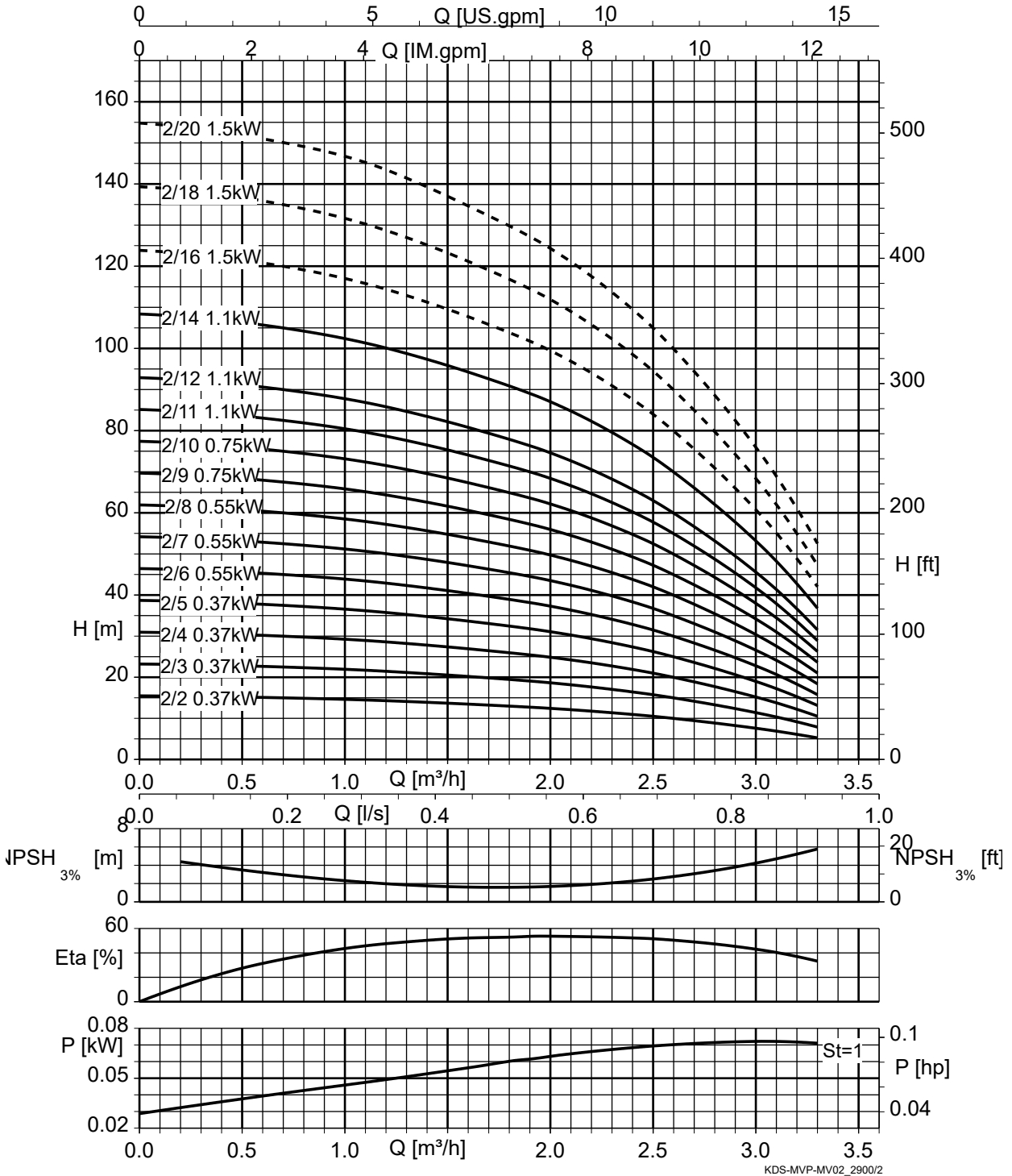
DeltaSolo	Number of pumps	Movitec	Number of stages	DN1	DN2	P _N [kW]	Efficiency class	I _N Motor Δ/ Y [A]	Frequency of starts [x/h]	I _{max} PBS [A]	I _{max} Fuse limit [A]	Sound pressure level [dB(A)]	Enclosure	PN	Mat. No.	[kg]
SVP	1	02	02	DN 32	DN 32	0,37	IE-	1,3	-	1,3	1,3	70	IP54	16	05166810	32,725
SVP	1	02	03	DN 32	DN 32	0,37	IE-	1,3	-	1,3	1,3	70	IP54	16	05166812	33,17
SVP	1	02	04	DN 32	DN 32	0,37	IE-	1,3	-	1,3	1,3	70	IP54	16	05166814	33,636
SVP	1	02	05	DN 32	DN 32	0,55	IE5	1,8	-	1,8	1,8	70	IP54	16	05166816	34,099
SVP	1	02	06	DN 32	DN 32	0,55	IE5	1,8	-	1,8	1,8	70	IP54	16	05166818	34,566
SVP	1	02	07	DN 32	DN 32	0,55	IE5	1,8	-	1,8	1,8	70	IP54	16	05166820	35,01
SVP	1	02	08	DN 32	DN 32	0,75	IE5	2,5	-	2,5	2,5	70	IP54	16	05166822	36,904
SVP	1	02	09	DN 32	DN 32	0,75	IE5	2,5	-	2,5	2,5	70	IP54	16	05166824	37,392
SVP	1	02	10	DN 32	DN 32	0,75	IE5	2,5	-	2,5	2,5	70	IP54	16	05166826	37,87
SVP	1	02	11	DN 32	DN 32	1,10	IE5	3,5	-	3,5	3,5	70	IP54	16	05166828	40,337
SVP	1	02	12	DN 32	DN 32	1,10	IE5	3,5	-	3,5	3,5	70	IP54	16	05166830	40,808
SVP	1	02	14	DN 32	DN 32	1,10	IE5	3,5	-	3,5	3,5	70	IP54	16	05166832	41,738
SVP	1	02	16	DN 32	DN 32	1,50	IE5	4,9	-	4,9	4,9	70	IP54	16	05166834	46,255
SVP	1	02	18	DN 32	DN 32	1,50	IE5	4,9	-	4,9	4,9	70	IP54	16	05166836	47,184
SVP	1	04	02	DN 32	DN 32	0,37	IE-	1,3	-	1,3	1,3	70	IP54	16	05166840	32,645
SVP	1	04	03	DN 32	DN 32	0,55	IE5	1,8	-	1,8	1,8	70	IP54	16	05166842	33,051
SVP	1	04	04	DN 32	DN 32	0,75	IE5	2,5	-	2,5	2,5	70	IP54	16	05166844	34,908
SVP	1	04	05	DN 32	DN 32	0,75	IE5	2,5	-	2,5	2,5	70	IP54	16	05166846	35,332
SVP	1	04	06	DN 32	DN 32	1,10	IE5	3,5	-	3,5	3,5	70	IP54	16	05166848	37,76
SVP	1	04	07	DN 32	DN 32	1,10	IE5	3,5	-	3,5	3,5	70	IP54	16	05166850	38,165
SVP	1	04	08	DN 32	DN 32	1,50	IE5	4,9	-	4,9	4,9	70	IP54	16	05166852	42,17
SVP	1	04	09	DN 32	DN 32	1,50	IE5	4,9	-	4,9	4,9	70	IP54	16	05166854	42,619
SVP	1	04	10	DN 32	DN 32	1,50	IE5	4,9	-	4,9	4,9	70	IP54	16	05166856	43,058
SVP	1	04	11	DN 32	DN 32	2,20	IE5	6	-	6	6	70	IP54	16	05166858	47,497
SVP	1	04	12	DN 32	DN 32	2,20	IE5	6	-	6	6	70	IP54	16	05166860	47,929

DeltaSolo	Number of pumps	Movitec	Number of stages	DN1	DN2	P _N [kW]	Efficiency class	I _N Motor Δ/ Y [A]	Frequency of starts [x/h]	I _{max} PBS [A]	I _{max} Fuse limit [A]	Sound pres- sure level [dB(A)]	Enclosure	PN	Mat. No.	[kg]
SVP	1	04	14	DN 32	DN 32	2,20	IE5	6	-	6	6	70	IP54	16	05166861	48,781
SVP	1	04	16	DN 32	DN 32	3,00	IE5	8	-	8	8	71	IP54	16	05166862	56,012
SVP	1	06	02	DN 32	DN 32	0,55	IE5	1,8	-	1,8	1,8	70	IP54	16	05166864	32,763
SVP	1	06	03	DN 32	DN 32	0,75	IE5	2,5	-	2,5	2,5	70	IP54	16	05166866	34,662
SVP	1	06	04	DN 32	DN 32	1,10	IE5	3,5	-	3,5	3,5	70	IP54	16	05166868	37,154
SVP	1	06	05	DN 32	DN 32	1,10	IE5	3,5	-	3,5	3,5	70	IP54	16	05166870	37,645
SVP	1	06	06	DN 32	DN 32	1,50	IE5	4,9	-	4,9	4,9	70	IP54	16	05166872	41,693
SVP	1	06	07	DN 32	DN 32	1,50	IE5	4,9	-	4,9	4,9	70	IP54	16	05166874	42,206
SVP	1	06	08	DN 32	DN 32	2,20	IE5	6	-	6	6	70	IP54	16	05166876	46,71
SVP	1	06	09	DN 32	DN 32	2,20	IE5	6	-	6	6	70	IP54	16	05166878	47,197
SVP	1	06	10	DN 32	DN 32	2,20	IE5	6	-	6	6	70	IP54	16	05166879	47,703
SVP	1	06	11	DN 32	DN 32	3,00	IE5	8	-	8	8	71	IP54	16	05166880	54,565
SVP	1	06	12	DN 32	DN 32	3,00	IE5	8	-	8	8	71	IP54	16	05166881	55,058
SVP	1	06	14	DN 32	DN 32	3,00	IE5	8	-	8	8	71	IP54	16	05166882	56,04
SVP	1	10	01	DN 40	DN 40	0,75	IE5	2,5	-	2,5	2,5	70	IP54	16	05166885	43,796
SVP	1	10	02	DN 40	DN 40	0,75	IE5	2,5	-	2,5	2,5	70	IP54	16	05166887	44,053
SVP	1	10	03	DN 40	DN 40	1,10	IE5	3,5	-	3,5	3,5	70	IP54	16	05166889	46,954
SVP	1	10	04	DN 40	DN 40	1,50	IE5	4,9	-	4,9	4,9	70	IP54	16	05166891	51,465
SVP	1	10	05	DN 40	DN 40	2,20	IE5	6	-	6	6	70	IP54	16	05166893	56,384
SVP	1	10	06	DN 40	DN 40	2,20	IE5	6	-	6	6	70	IP54	16	05166894	57,29
SVP	1	10	07	DN 40	DN 40	3,00	IE5	8	-	8	8	71	IP54	16	05166895	64,642
SVP	1	10	08	DN 40	DN 40	3,00	IE5	8	-	8	8	71	IP54	16	05166896	65,575
SVP	1	10	09	DN 40	DN 40	4,00	IE5	10	-	10	10	71	IP54	16	05166897	78,08
SVP	1	10	10	DN 40	DN 40	4,00	IE5	10	-	10	10	71	IP54	16	05166898	79,041
SVP	1	10	11	DN 40	DN 40	4,00	IE5	10	-	10	10	71	IP54	16	05166899	80
SVP	1	10	13	DN 40	DN 40	5,50	IE5	14	-	14	14	71	IP54	16	05166900	100,386
SVP	1	15	01	DN 50	DN 50	1,10	IE5	3,5	-	3,5	3,5	70	IP54	16	05168477	46,439
SVP	1	15	02	DN 50	DN 50	2,20	IE5	6	-	6	6	70	IP54	16	05168479	54,406
SVP	1	15	03	DN 50	DN 50	3,00	IE5	8	-	8	8	71	IP54	16	05168480	62,083
SVP	1	15	04	DN 50	DN 50	4,00	IE5	10	-	10	10	71	IP54	16	05168481	74,312
SVP	1	15	05	DN 50	DN 50	5,50	IE5	14	-	14	14	71	IP54	16	05168482	93,894
SVP	1	15	06	DN 50	DN 50	7,50	IE5	18	-	18	18	71	IP54	16	05168483	111,123
SVP	1	15	07	DN 50	DN 50	7,50	IE5	18	-	18	18	71	IP54	16	05168484	112,352
SVP	1	15	08	DN 50	DN 50	11,00	IE5	25	-	25	25	71	IP54	16	05168485	139,945
SVP	1	15	09	DN 50	DN 50	11,00	IE5	25	-	25	25	71	IP54	16	05168486	141,447
SVP	1	15	10	DN 50	DN 50	11,00	IE5	25	-	25	25	71	IP54	16	05168487	143,271
SVP	1	25	01	DN 65	DN 65	2,20	IE5	6	-	6	6	70	IP54	16	05166901	124,353
SVP	1	25	02	DN 65	DN 65	4,00	IE5	10	-	10	10	71	IP54	16	05166902	144,664
SVP	1	25	03	DN 65	DN 65	5,50	IE5	14	-	14	14	71	IP54	16	05166903	166,149
SVP	1	25	04	DN 65	DN 65	7,50	IE5	18	-	18	18	71	IP54	16	05166904	184,888
SVP	1	25	05	DN 65	DN 65	11,00	IE5	25	-	25	25	71	IP54	16	05166905	214,453
SVP	1	25	06	DN 65	DN 65	11,00	IE5	25	-	25	25	71	IP54	16	05166906	217,132
SVP	1	25	07	DN 65	DN 65	15,00	IE5	33	-	33	33	71	IP54	16	05166907	254,684
SVP	1	40	01-1	DN 80	DN 80	3,00	IE5	8	-	8	8	71	IP54	16	05166909	153,737
SVP	1	40	01	DN 80	DN 80	4,00	IE5	10	-	10	10	71	IP54	16	05166908	164,743
SVP	1	40	02-2	DN 80	DN 80	5,50	IE5	14	-	14	14	71	IP54	16	05166911	190,769
SVP	1	40	02	DN 80	DN 80	7,50	IE5	18	-	18	18	71	IP54	16	05166910	206,781
SVP	1	40	03-2	DN 80	DN 80	11,00	IE5	25	-	25	25	71	IP54	16	05166913	234,729
SVP	1	40	03	DN 80	DN 80	11,00	IE5	25	-	25	25	71	IP54	16	05166912	234,741
SVP	1	40	04-2	DN 80	DN 80	15,00	IE5	33	-	33	33	71	IP54	16	05166915	272,887
SVP	1	40	04	DN 80	DN 80	15,00	IE5	33	-	33	33	71	IP54	16	05166914	272,899
SVP	1	40	05-2	DN 80	DN 80	18,50	IE5	42	-	42	42	72	IP54	16	05166917	287,384
SVP	1	40	05	DN 80	DN 80	18,50	IE5	42	-	42	42	72	IP54	16	05166916	287,396

DeltaSolo	Number of pumps	Movitec	Number of stages	DN1	DN2	P _N [kW]	Efficiency class	I _N Motor Δ/ Y	Frequency of starts [x/h]	I _{max} PBS	I _{max} Fuse limit	Sound pres- sure level [dB(A)]	Enclosure	PN	Mat. No.	[kg]
								[A]		[A]	[A]					
SVP	1	40	06-2	DN 80	DN 80	18,50	IE5	42	-	42	42	72	IP54	16	05166918	290,849
SVP	1	60	01-1	DN 100	DN 100	4,00	IE5	10	-	10	10	71	IP54	16	05166920	180,899
SVP	1	60	01	DN 100	DN 100	5,50	IE5	14	-	14	14	71	IP54	16	05166919	203,505
SVP	1	60	02-2	DN 100	DN 100	7,50	IE5	18	-	18	18	71	IP54	16	05166922	222,98
SVP	1	60	02	DN 100	DN 100	11,00	IE5	25	-	25	25	71	IP54	16	05166921	247,586
SVP	1	60	03-2	DN 100	DN 100	15,00	IE5	33	-	33	33	71	IP54	16	05166924	285,798
SVP	1	60	03	DN 100	DN 100	18,50	IE5	42	-	42	42	72	IP54	16	05166923	296,91
SVP	1	60	04-2	DN 100	DN 100	18,50	IE5	42	-	42	42	72	IP54	16	05166926	300,296
SVP	1	60	04	DN 100	DN 100	22,00	IE4	51	-	51	51	72	IP54	16	05166925	373,373
SVP	1	60	05-2	DN 100	DN 100	22,00	IE4	51	-	51	51	72	IP54	16	05166928	376,757
SVP	1	60	05	DN 100	DN 100	30,00	IE4	66	-	66	66	72	IP54	16	05166927	424,258

Characteristic curves

DeltaSolo MVP, Movitec 02, n = 2900 rpm

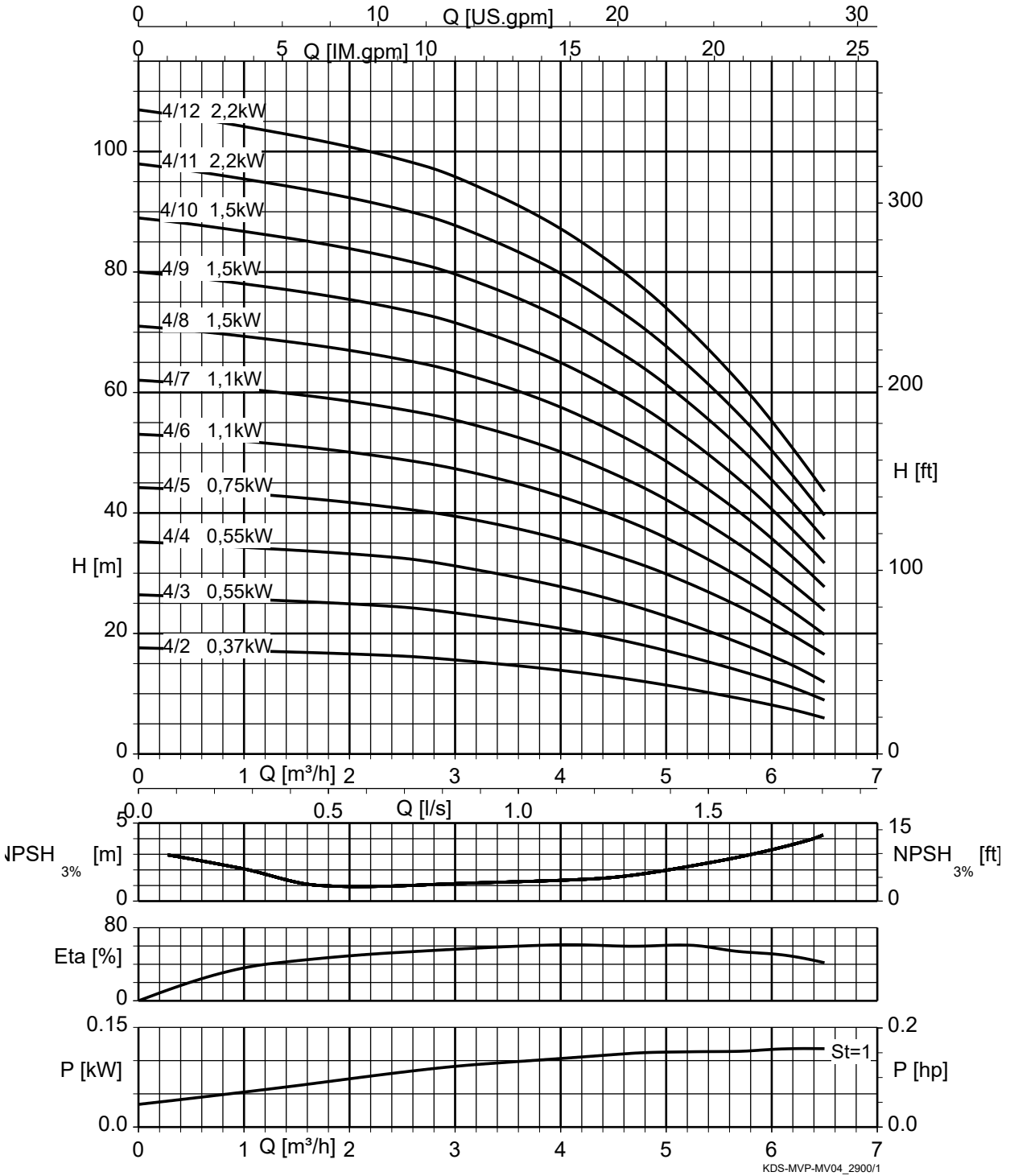


KDS-MVP-MV02_2900/2

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

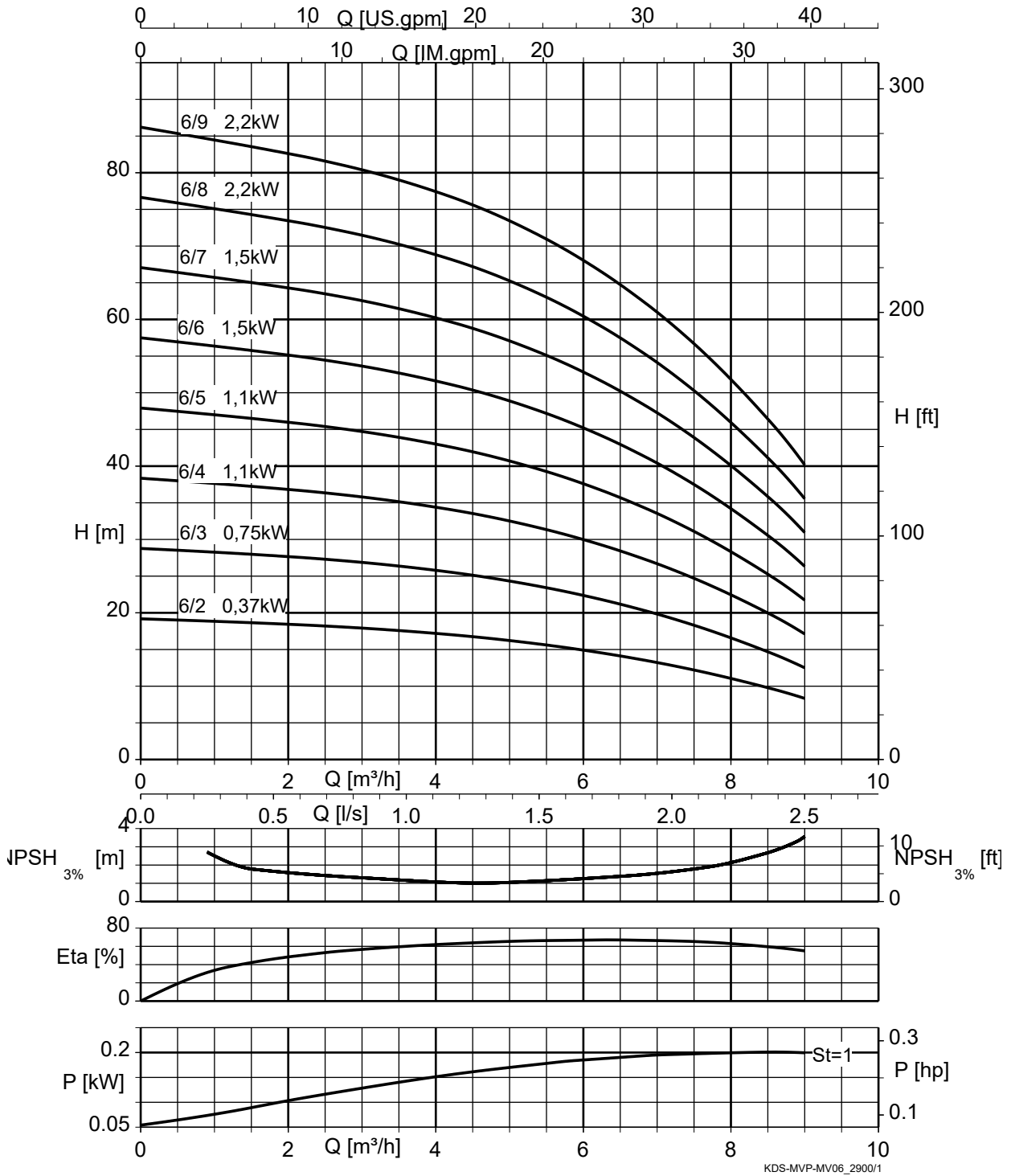
1983.521/11-EN

DeltaSolo MVP, Movitec 04, n = 2900 rpm



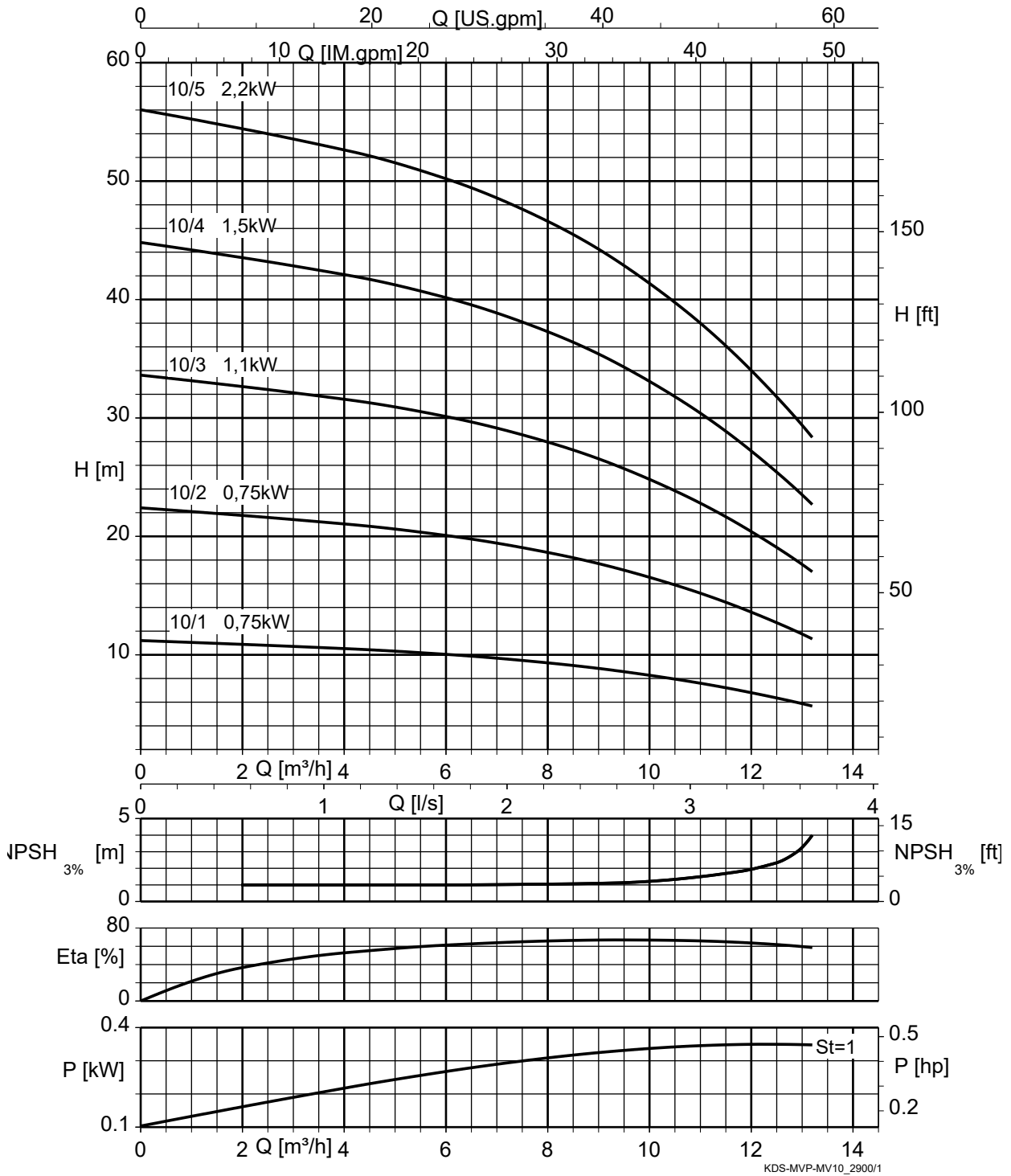
St = 1 | P per stage

DeltaSolo MVP, Movitec 06, n = 2900 rpm



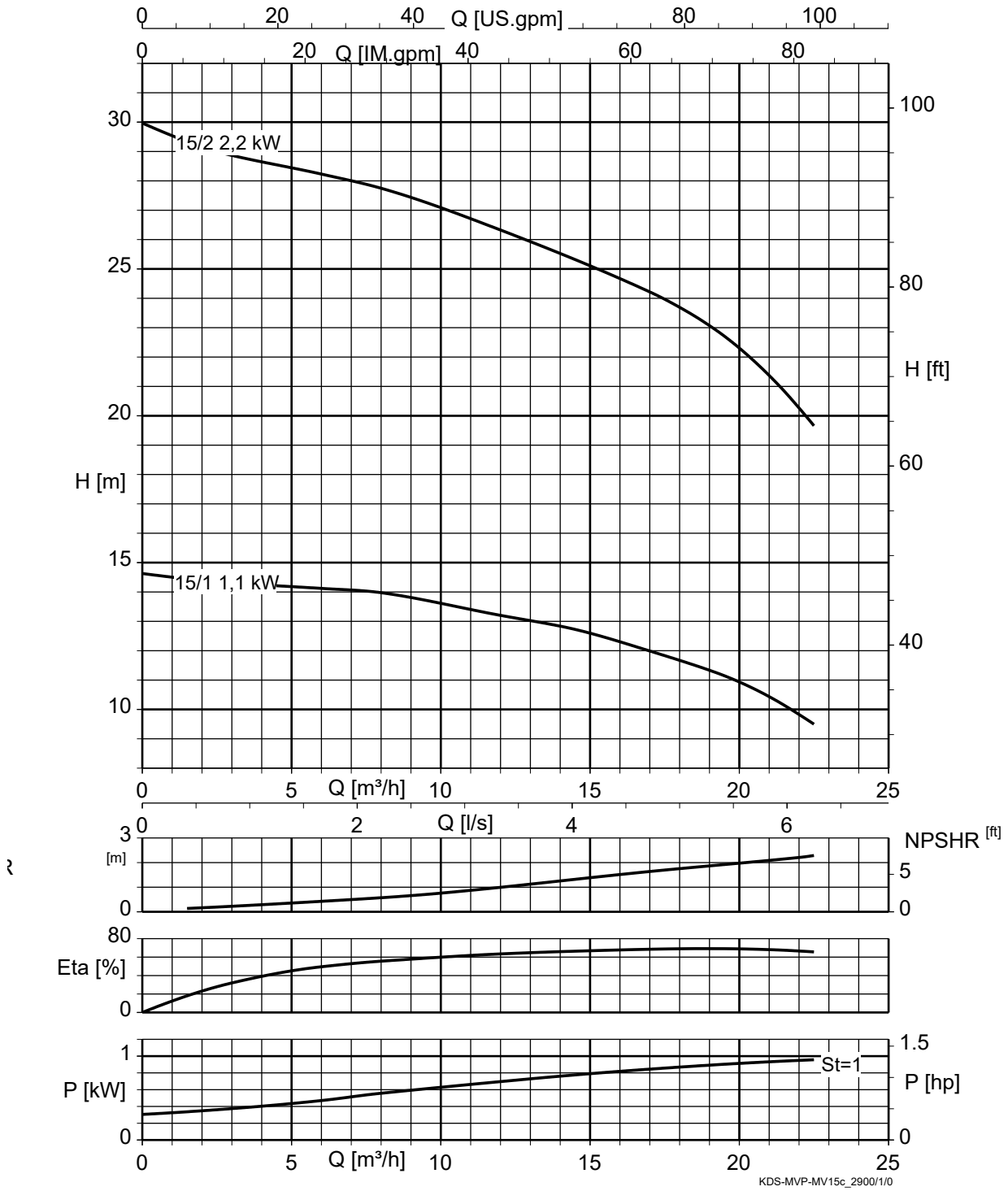
St = 1	P per stage
--------	-------------

DeltaSolo MVP, Movitec 10, n = 2900 rpm



St = 1 | P per stage

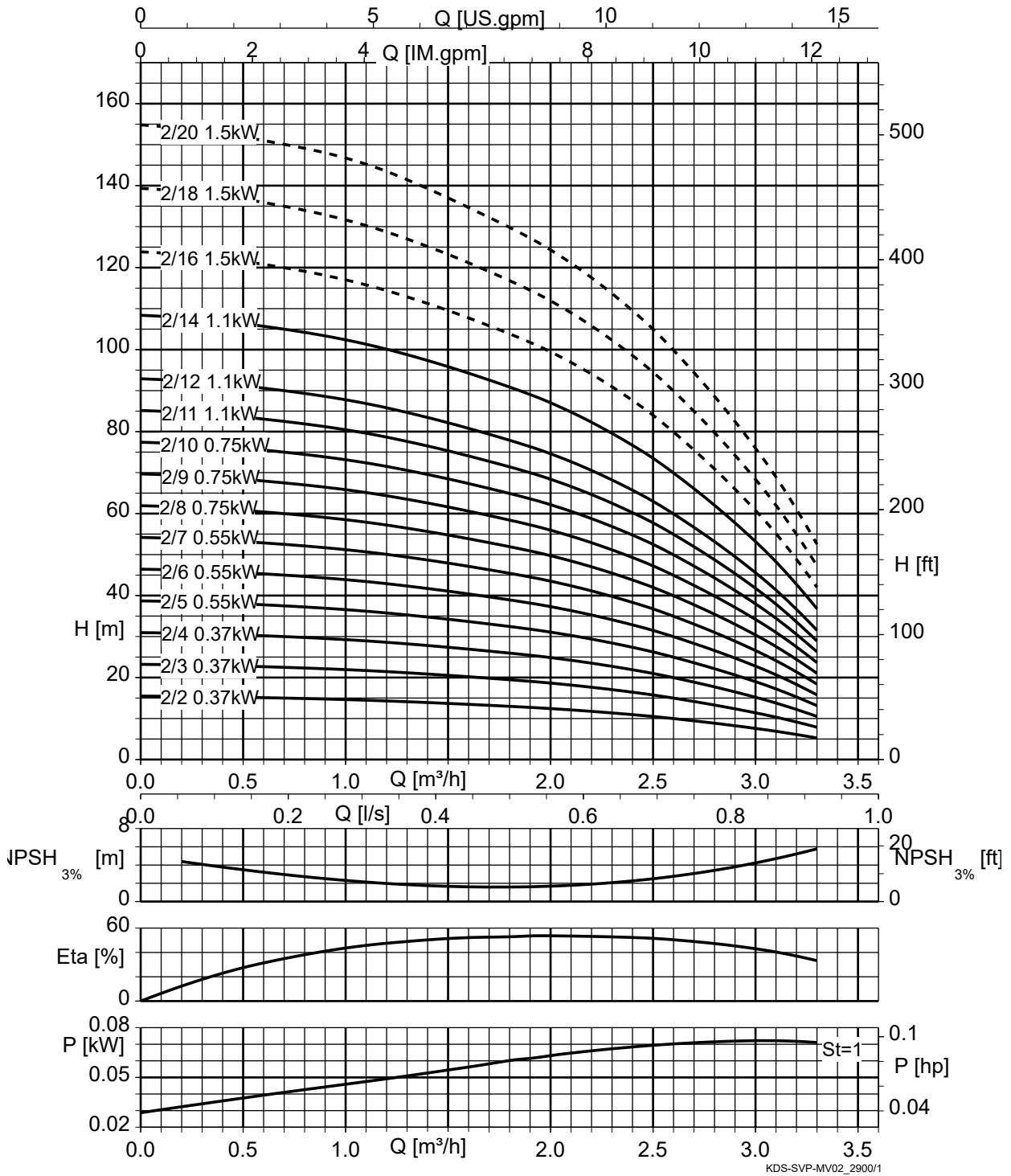
DeltaSolo MVP, Movitec 15, n = 2900 rpm



KDS-MVP-MV15c_2900/1/0

St = 1 | P per stage

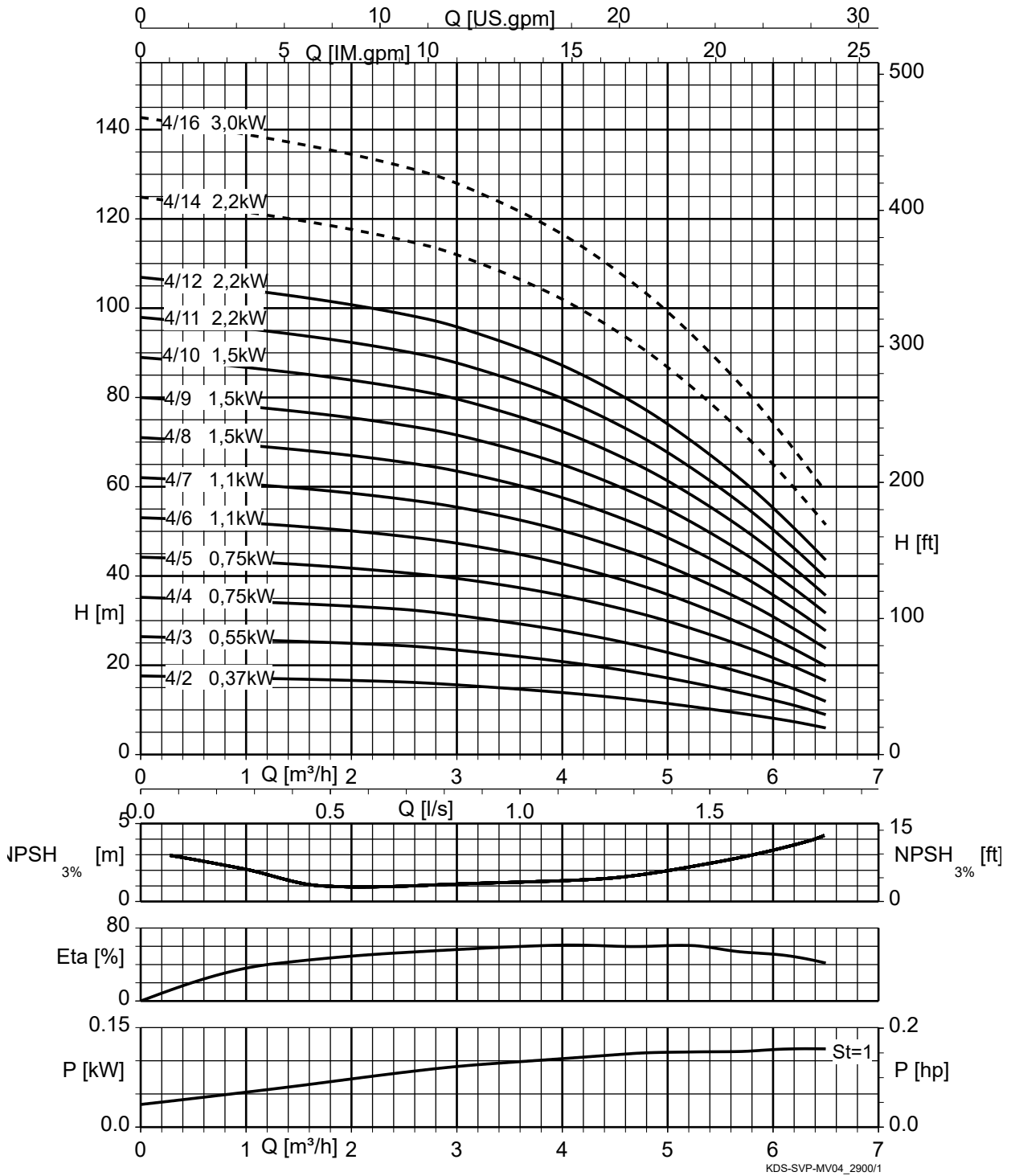
DeltaSolo SVP, Movitec 02, n = 2900 rpm



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

1983.521/11-EN

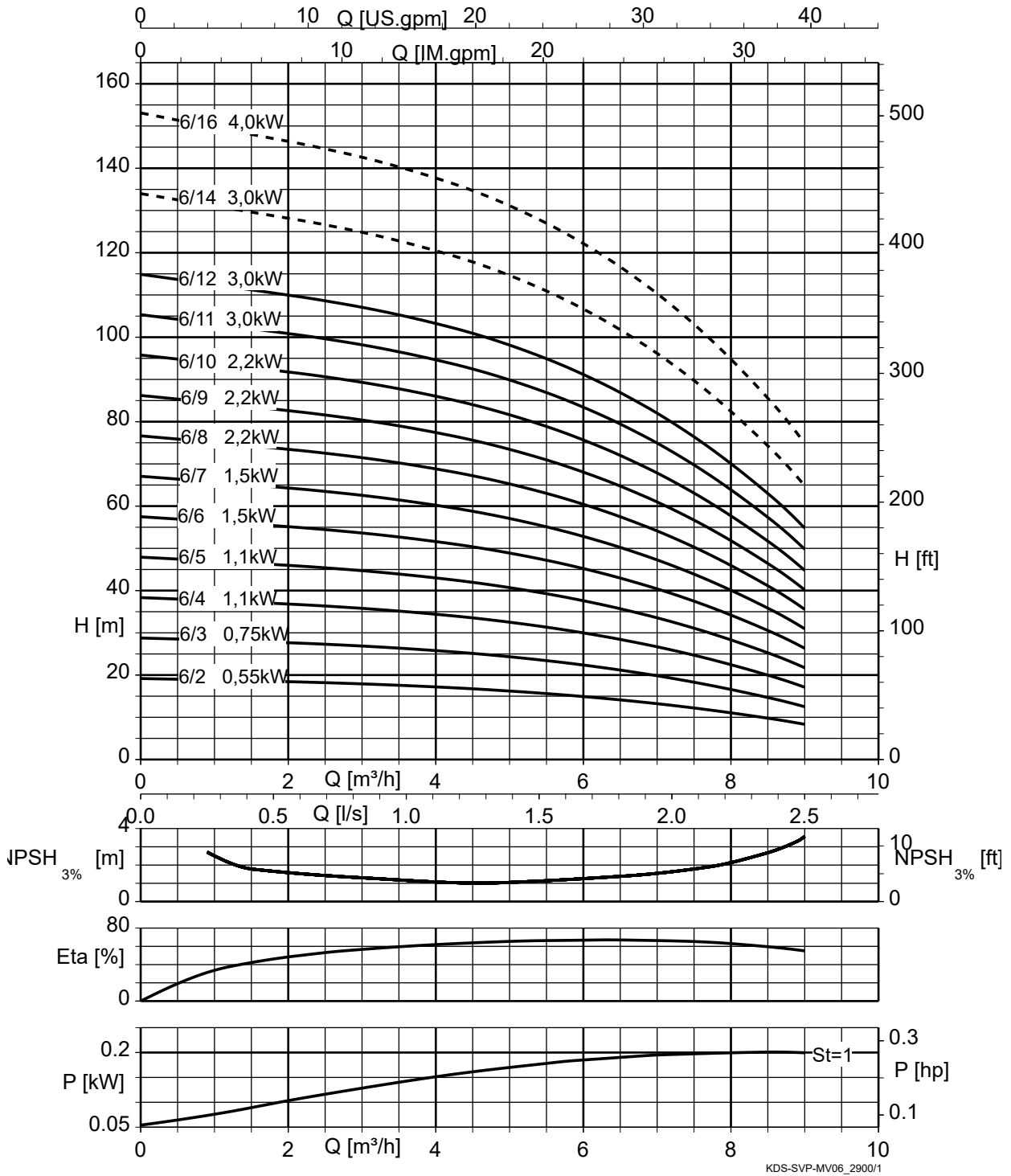
DeltaSolo SVP, Movitec 04, n = 2900 rpm



St = 1 P per stage

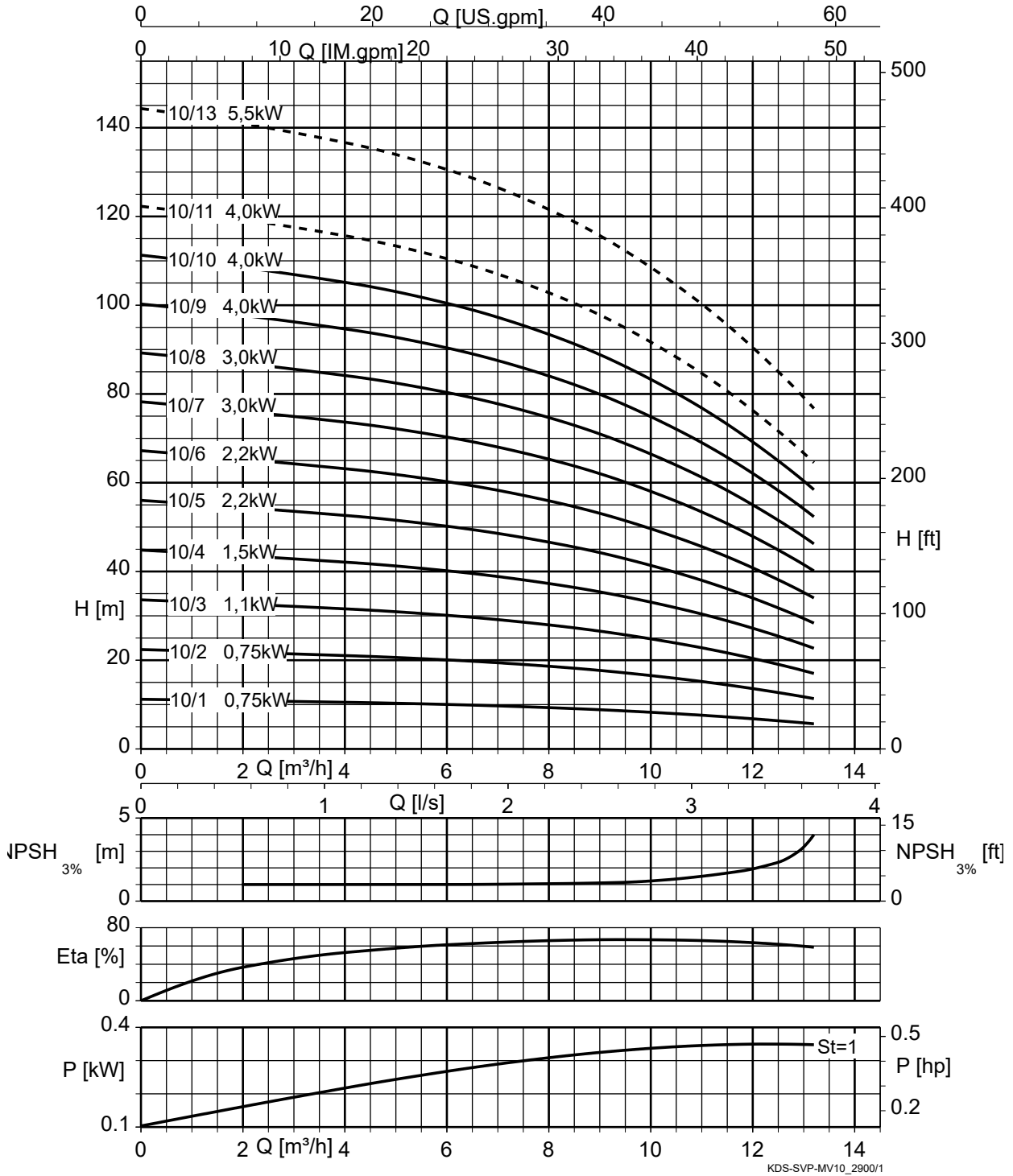
----- For inlet condition F only

DeltaSolo SVP, Movitec 06, n = 2900 rpm



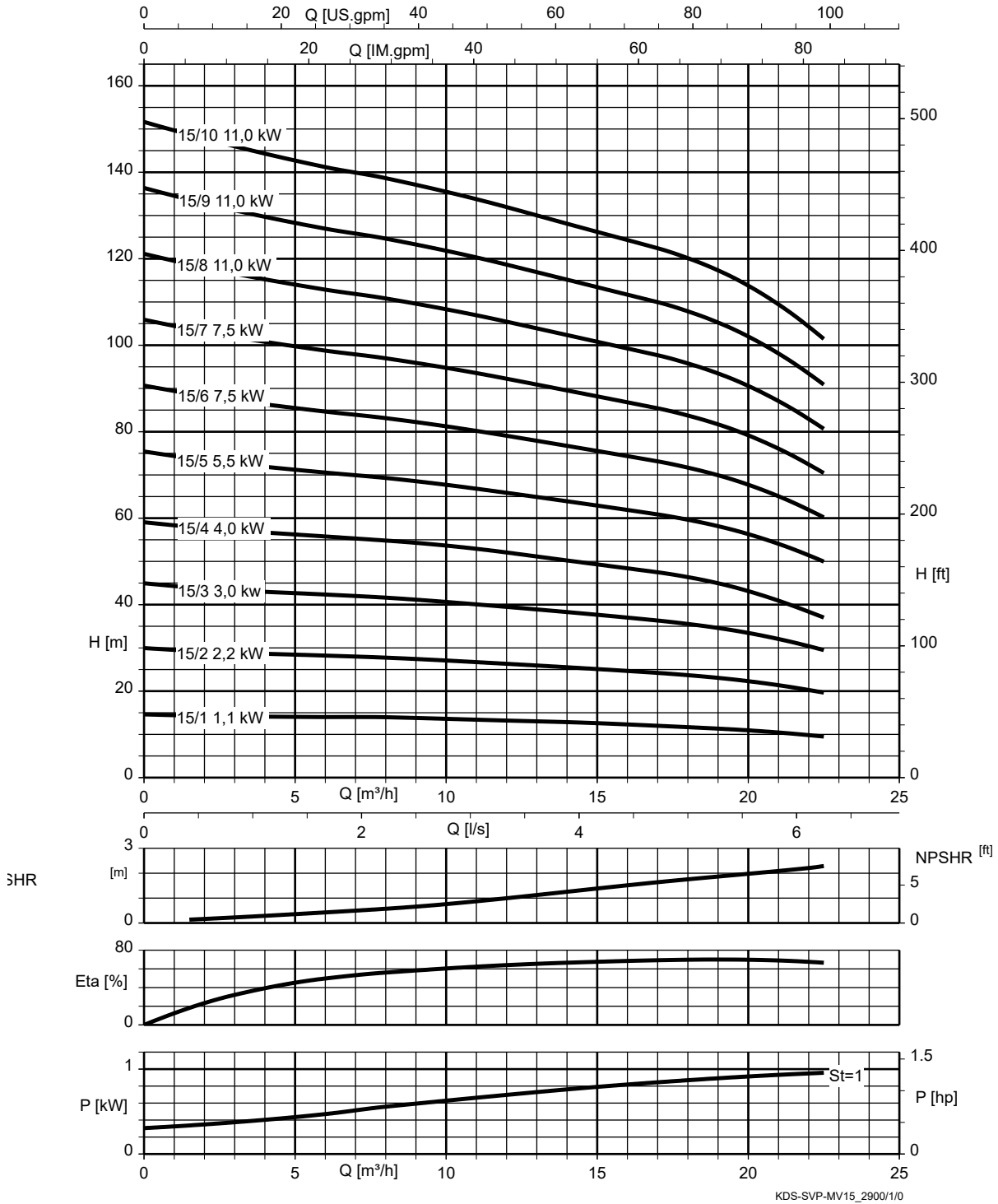
St = 1	P per stage
-----	For inlet condition F only

DeltaSolo SVP, Movitec 10, n = 2900 rpm



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

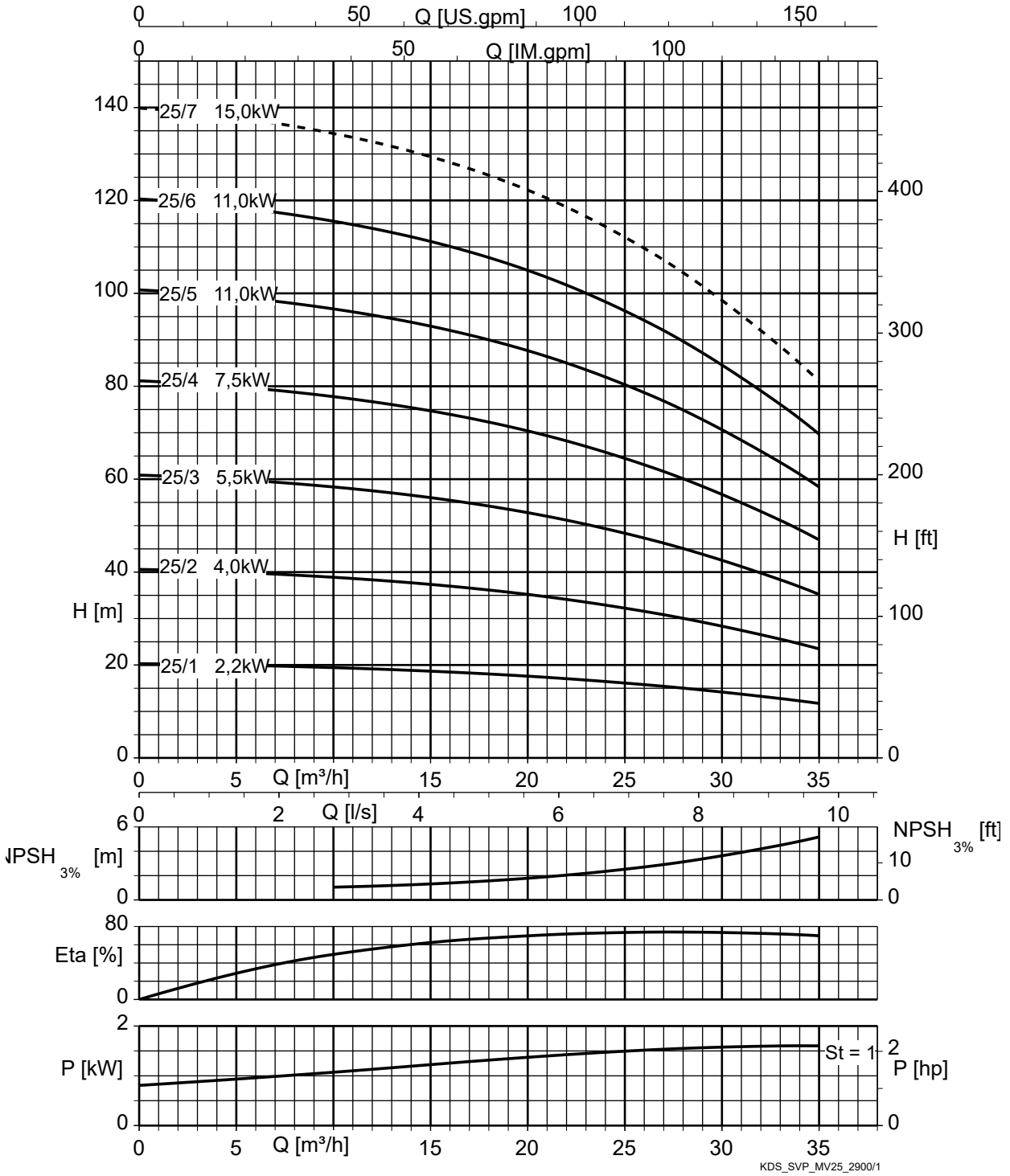
DeltaSolo SVP, Movitec 15, n = 2900 rpm



St = 1 P per stage

----- For inlet condition F only

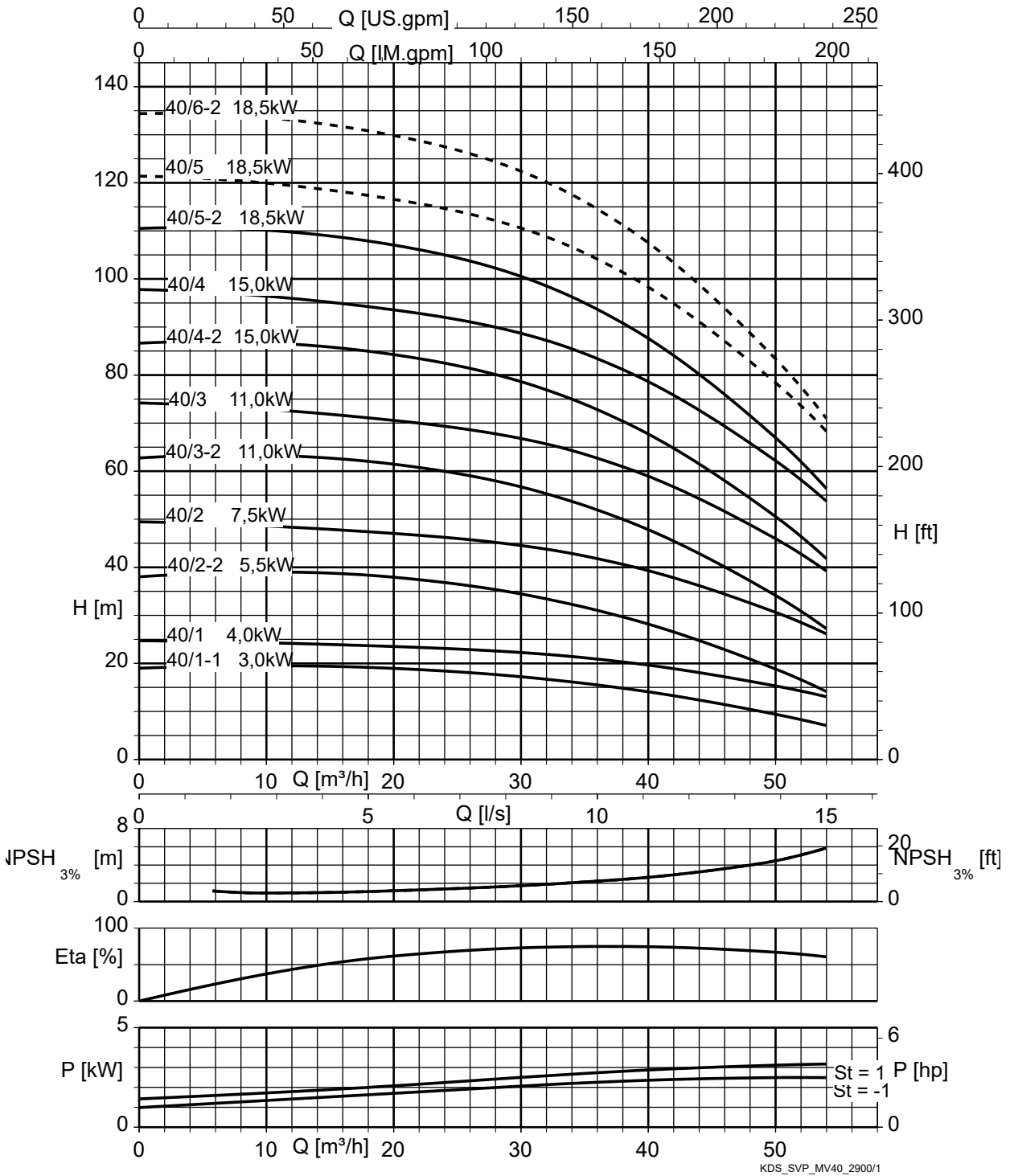
DeltaSolo SVP, Movitec 25, n = 2900 rpm



KDS_SVP_MV25_2900/1

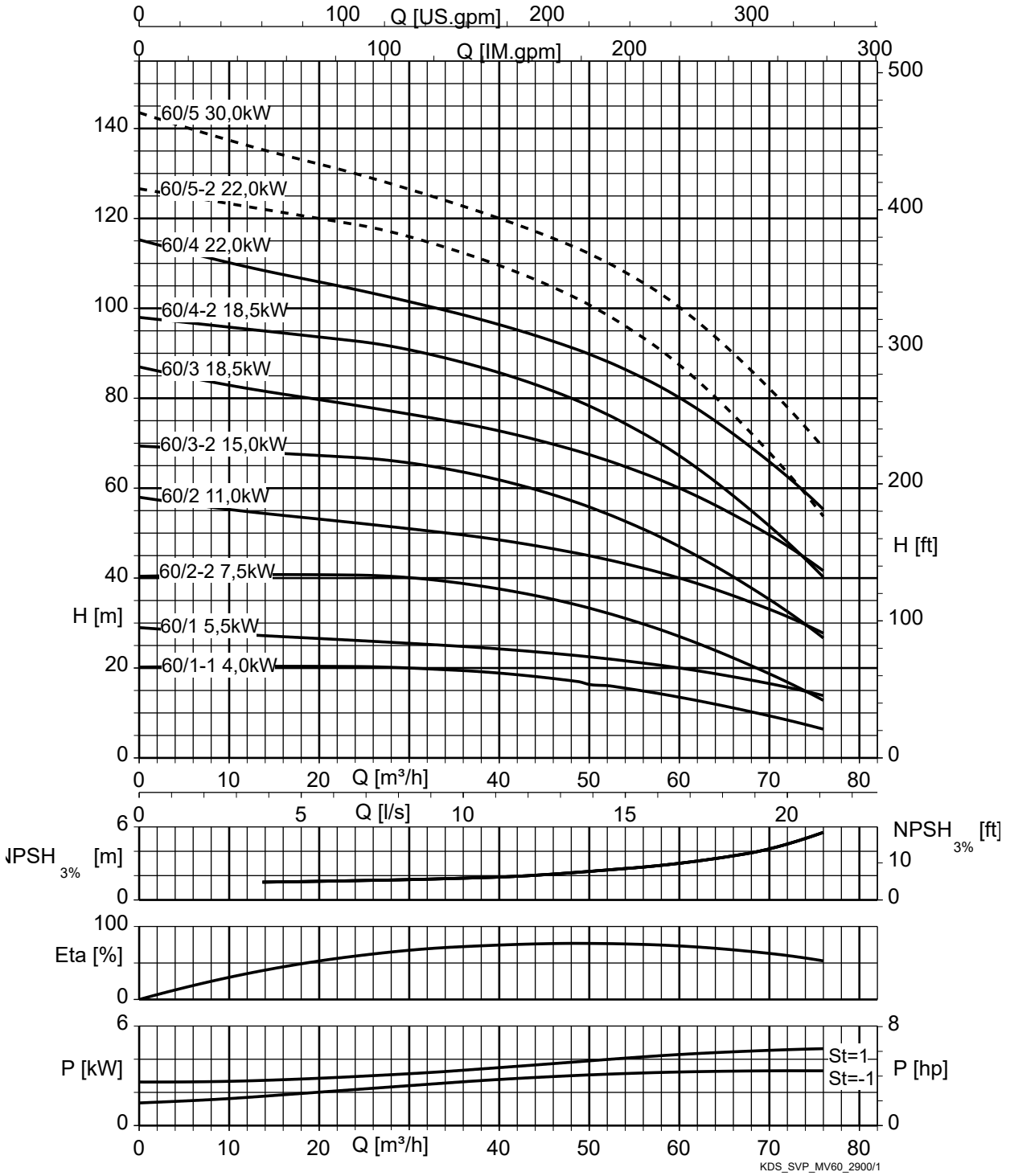
St = 1	P per stage
-----	For inlet condition F only

DeltaSolo SVP, Movitec 40, n = 2900 rpm



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

DeltaSolo SVP, Movitec 60, n = 2900 rpm



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

Dimensions and connections

DeltaSolo MVP, Movitec 02 / 04 / 06 / 10 / 15

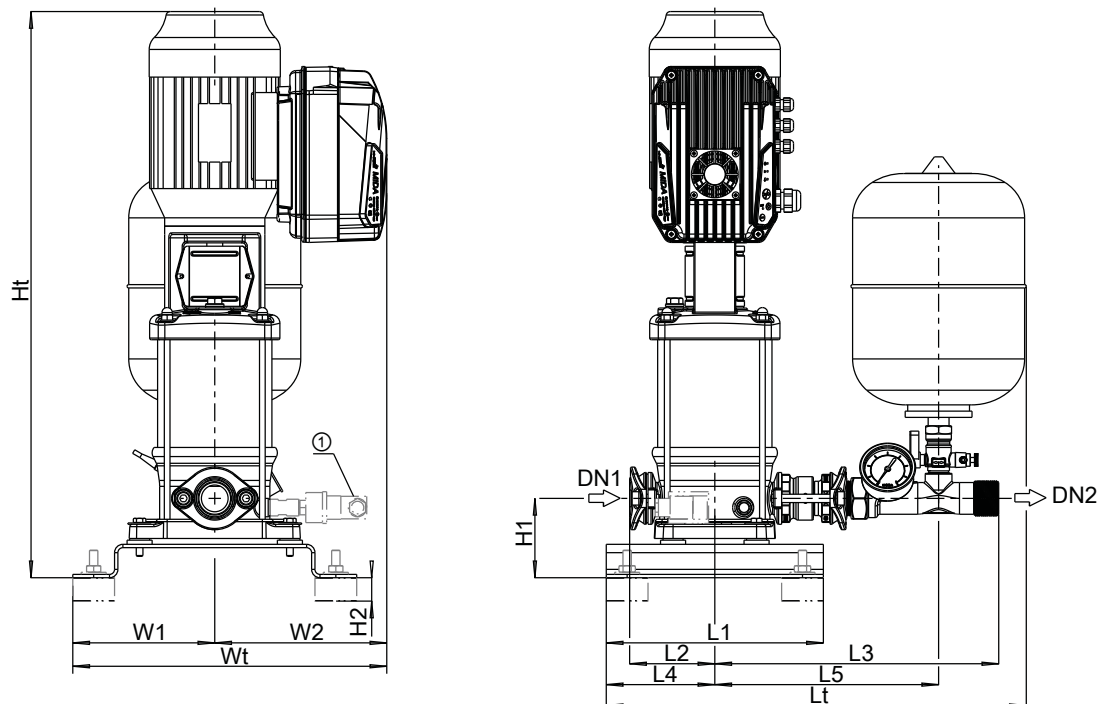


Fig. 6: Dimensions

①	Switch
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Table 10: Dimensions [mm] and connections

Number of pumps	Movitec	Number of stages	DN1	DN2	L1	L2	L3	L4	L5	Lt	H1	H2	Ht	W1	W2	Wt
1	02	02	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	523	170	193	363
1	02	03	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	544	170	193	363
1	02	04	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	566	170	193	363
1	02	05	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	587	170	193	363
1	02	06	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	609	170	193	363
1	02	07	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	630	170	193	363
1	02	08	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	652	170	193	363
1	02	09	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	698	170	207	377
1	02	10	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	720	170	207	377
1	02	11	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	771	170	207	377
1	02	12	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	793	170	207	377
1	02	14	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	836	170	207	377
1	04	02	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	523	170	193	363
1	04	03	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	544	170	193	363
1	04	04	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	566	170	193	363
1	04	05	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	612	170	207	377
1	04	06	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	664	170	207	377
1	04	07	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	685	170	207	377
1	04	08	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	734	170	222	392
1	04	09	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	755	170	222	392
1	04	10	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	777	170	222	392
1	04	11	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	798	170	222	392
1	04	12	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	820	170	222	392

1983.521/1-EN

Number of pumps	Movitec	Number of stages	DN1	DN2	L1	L2	L3	L4	L5	Lt	H1	H2	Ht	W1	W2	Wt
1	06	02	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	530	170	193	363
1	06	03	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	580	170	207	377
1	06	04	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	635	170	207	377
1	06	05	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	660	170	207	377
1	06	06	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	712	170	222	392
1	06	07	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	737	170	222	392
1	06	08	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	762	170	222	392
1	06	09	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	787	170	222	392
1	10	01	G 1 1/2	G 1 1/2	340	129	379	170	309	582	125	28	635	190	207	397
1	10	02	G 1 1/2	G 1 1/2	340	129	379	170	309	582	125	28	635	190	207	397
1	10	03	G 1 1/2	G 1 1/2	340	129	379	170	309	582	125	28	692	190	207	397
1	10	04	G 1 1/2	G 1 1/2	340	129	379	170	309	582	125	28	745	190	222	412
1	10	05	G 1 1/2	G 1 1/2	340	129	379	170	309	582	125	28	771	190	222	412
1	15	01	G 2	G 2	340	134	384	170	314	587	125	28	682	190	207	397
1	15	02	G 2	G 2	340	134	384	170	314	587	125	28	709	190	222	412

DeltaSolo SVP, Movitec 02 / 04 / 06 / 10 / 15

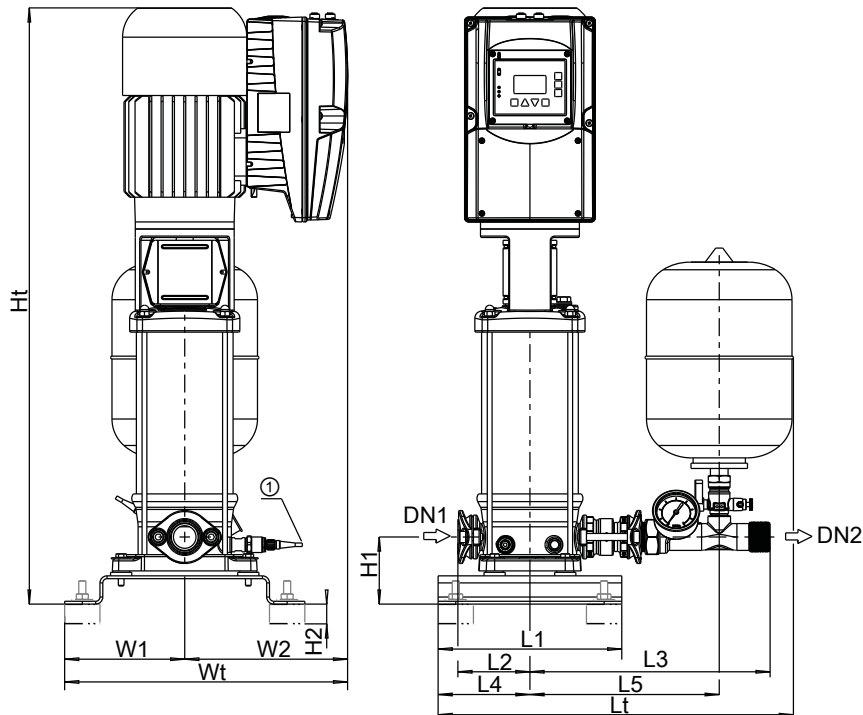


Fig. 7: Dimensions

①	Sensor (dry running protection)
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Table 11: Dimensions [mm] and connections

Number of pumps	Movitec	Number of stages	DN1	DN2	L1	L2	L3	L4	L5	Lt	H1	H2	Ht	W1	W2	Wt
1	02	02	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	519	170	220	390
1	02	03	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	540	170	220	390
1	02	04	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	562	170	220	390
1	02	05	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	583	170	220	390
1	02	06	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	605	170	220	390
1	02	07	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	626	170	220	390
1	02	08	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	695	170	220	390
1	02	09	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	716	170	235	405
1	02	10	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	738	170	235	405
1	02	11	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	759	170	235	405
1	02	12	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	781	170	235	405
1	02	14	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	824	170	235	405
1	04	02	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	519	170	220	390
1	04	03	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	540	170	220	390
1	04	04	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	609	170	220	390
1	04	05	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	630	170	235	405
1	04	06	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	652	170	235	405
1	04	07	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	673	170	235	405
1	04	08	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	740	170	240	410
1	04	09	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	761	170	240	410
1	04	10	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	783	170	240	410
1	04	11	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	828	170	230	400
1	04	12	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	850	170	230	400
1	06	02	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	526	170	220	390
1	06	03	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	598	170	235	405
1	06	04	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	623	170	235	405

Number of pumps	Movitec	Number of stages	DN1	DN2	L1	L2	L3	L4	L5	Lt	H1	H2	Ht	W1	W2	Wt
1	06	05	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	648	170	235	405
1	06	06	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	718	170	240	410
1	06	07	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	743	170	240	410
1	06	08	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	792	170	230	400
1	06	09	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	817	170	230	400
1	06	10	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	842	170	230	400
1	06	11	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	907	170	240	410
1	06	12	G 1 1/4	G 1 1/4	260	102	338	130	266	499	95	28	932	170	240	410
1	10	01	G 1 1/2	G 1 1/2	340	129	379	170	309	582	125	28	653	190	235	425
1	10	02	G 1 1/2	G 1 1/2	340	129	379	170	309	582	125	28	653	190	235	425
1	10	03	G 1 1/2	G 1 1/2	340	129	379	170	309	582	125	28	680	190	235	425
1	10	04	G 1 1/2	G 1 1/2	340	129	379	170	309	582	125	28	751	190	240	430
1	10	05	G 1 1/2	G 1 1/2	340	129	379	170	309	582	125	28	801	190	230	420
1	10	06	G 1 1/2	G 1 1/2	340	129	379	170	309	582	125	28	828	190	230	420
1	10	07	G 1 1/2	G 1 1/2	340	129	379	170	309	582	125	28	894	190	240	430
1	10	08	G 1 1/2	G 1 1/2	340	129	379	170	309	582	125	28	921	190	240	430
1	10	09	G 1 1/2	G 1 1/2	340	129	379	170	309	582	125	28	968	190	255	445
1	10	10	G 1 1/2	G 1 1/2	340	129	379	170	309	582	125	28	995	190	255	445
1	15	01	G 2	G 2	340	134	384	170	314	587	125	28	670	190	235	425
1	15	02	G 2	G 2	340	134	384	170	314	587	125	28	739	190	230	420
1	15	03	G 2	G 2	340	134	384	170	314	587	125	28	820	190	240	430
1	15	04	G 2	G 2	340	134	384	170	314	587	125	28	882	190	255	445
1	15	05	G 2	G 2	340	134	384	170	314	587	125	28	1025.5	190	310	500
1	15	06	G 2	G 2	340	134	384	170	314	587	125	28	1066.5	190	310	500
1	15	07	G 2	G 2	340	134	384	170	314	587	125	28	1107.5	190	330	520
1	15	08	G 2	G 2	340	134	384	170	314	587	125	28	1268.5	190	330	520

DeltaSolo SVP, Movitec 25 / 40 / 60

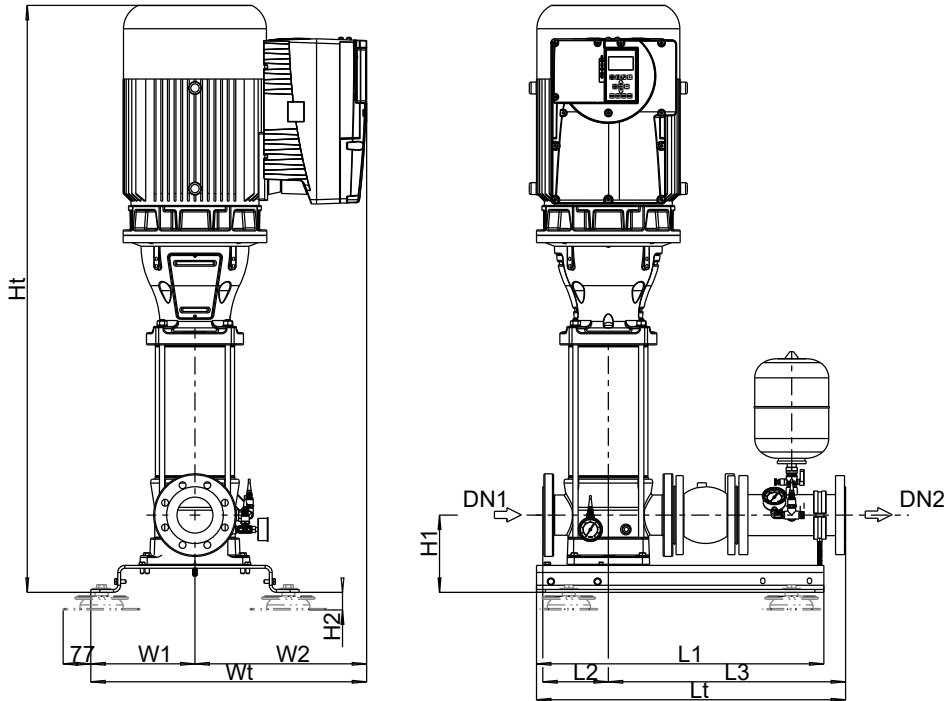


Fig. 8: Dimensions

Table 12: Dimensions [mm] and connections

Number of pumps	Movitec	Number of stages	DN1	DN2	L1	L2	L3	Lt	H1	H2	Ht	W1	W2	Wt
1	25	01	DN 65	DN 65	800	160	584	784	180	49	794	290	230	520
1	25	02	DN 65	DN 65	800	160	584	784	180	49	915	290	255	545
1	25	03	DN 65	DN 65	800	160	584	784	180	49	1094	290	310	600
1	25	04	DN 65	DN 65	800	160	584	784	180	49	1159	290	330	620
1	25	05	DN 65	DN 65	800	160	584	784	180	49	1374	290	343	633
1	25	06	DN 65	DN 65	800	160	584	784	180	49	1439	290	343	633
1	40	01-1	DN 80	DN 80	800	182.5	626.5	826.5	215	49	903	290	240	530
1	40	01	DN 80	DN 80	800	182.5	626.5	826.5	215	49	924	290	255	545
1	40	02-2	DN 80	DN 80	800	182.5	626.5	826.5	215	49	1115	290	310	600
1	40	02	DN 80	DN 80	800	182.5	626.5	826.5	215	49	1115	290	330	620
1	40	03-2	DN 80	DN 80	800	182.5	626.5	826.5	215	49	1343	290	343	633
1	40	03	DN 80	DN 80	800	182.5	626.5	826.5	215	49	1343	290	343	633
1	40	04-2	DN 80	DN 80	800	182.5	626.5	826.5	215	49	1421	290	458	748
1	40	04	DN 80	DN 80	800	182.5	626.5	826.5	215	49	1421	290	458	748
1	40	05-2	DN 80	DN 80	800	182.5	626.5	826.5	215	49	1544	290	458	748
1	60	01-1	DN 100	DN 100	800	182.5	656.5	856.5	215	49	924	290	255	545
1	60	01	DN 100	DN 100	800	182.5	656.5	856.5	215	49	1037	290	310	600
1	60	02-2	DN 100	DN 100	800	182.5	656.5	856.5	215	49	1115	290	330	620
1	60	02	DN 100	DN 100	800	182.5	656.5	856.5	215	49	1265	290	343	633
1	60	03-2	DN 100	DN 100	800	182.5	656.5	856.5	215	49	1343	290	458	748
1	60	03	DN 100	DN 100	800	182.5	656.5	856.5	215	49	1388	290	458	748
1	60	04-2	DN 100	DN 100	800	182.5	656.5	856.5	215	49	1466	290	458	748
1	60	04	DN 100	DN 100	800	182.5	656.5	856.5	215	49	1505	290	463	753

General assembly drawings/exploded views with list of components

DeltaSolo MVP

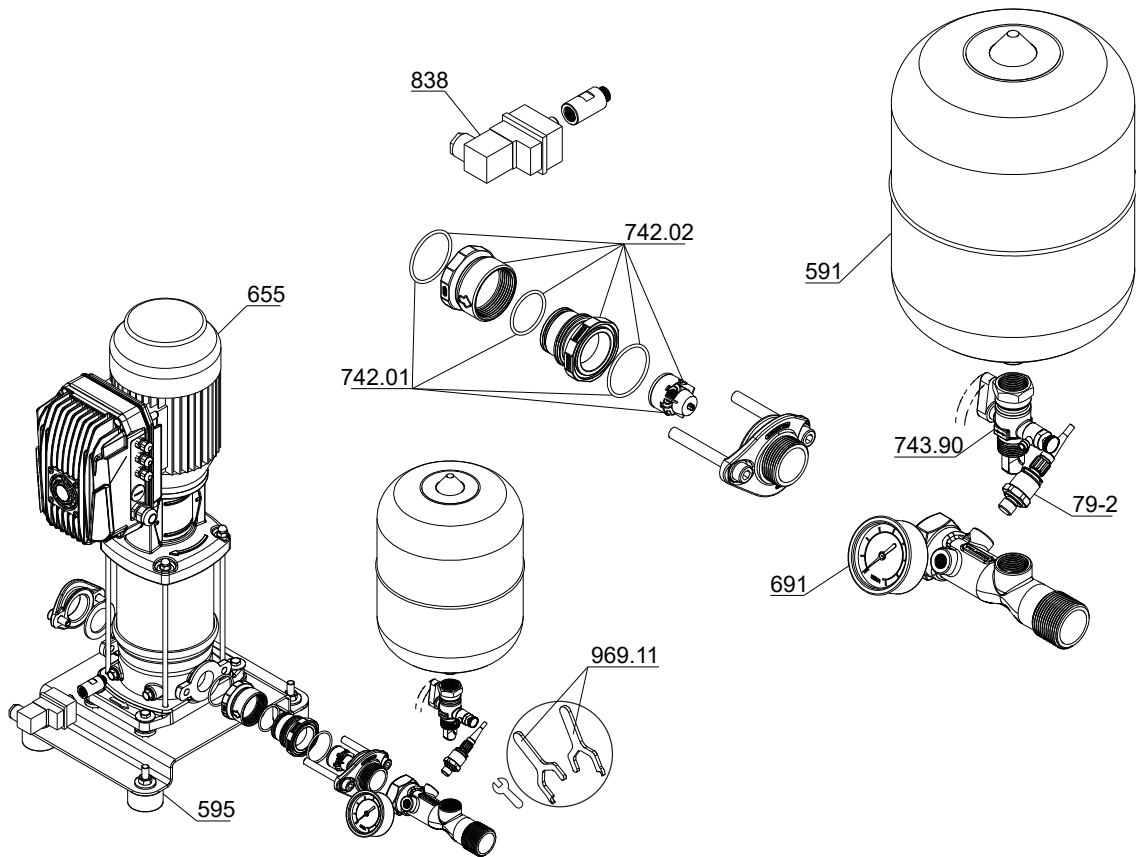


Fig. 9: DeltaSolo MVP

Table 13: List of components

Part No.	Description	Part No.	Description
79-2	Measuring transducer	742.01/02	Lift check valve
591	Membrane-type accumulator	743.90	Ball valve
595	Anti-vibration pad	838	Pressure switch
655	Pump	969.11	Tool
691	Pressure gauge		

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

DeltaSolo SVP with Movitec 2B, 4B, 6B, 10B, 15C

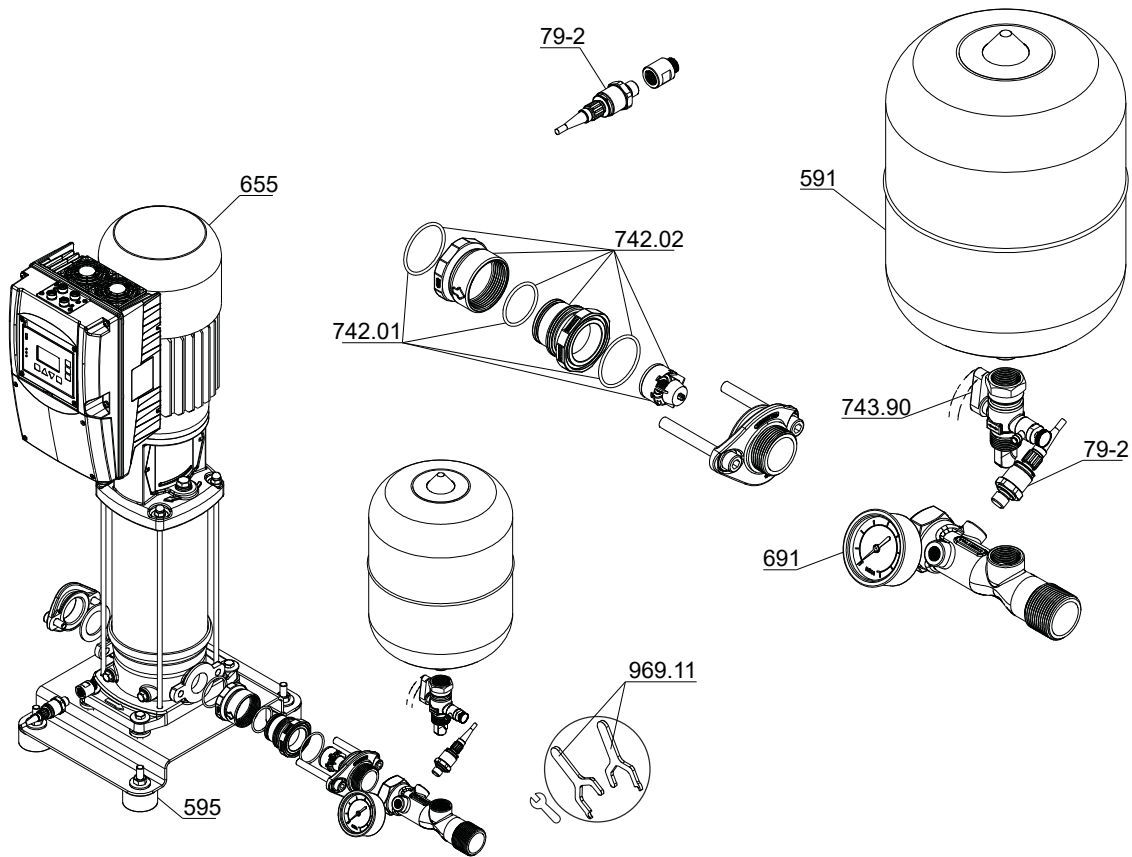


Fig. 10: DeltaSolo SVP with Movitec 2B, 4B, 6B, 10B, 15C

Table 14: List of components

Part No.	Description	Part No.	Description
79-2	Measuring transducer	691	Pressure gauge
591	Membrane-type accumulator	742.01/02	Lift check valve
595	Anti-vibration pad	743.90	Ball valve
655	Pump	969.11	Tool

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

DeltaSolo SVP with Movitec 25B

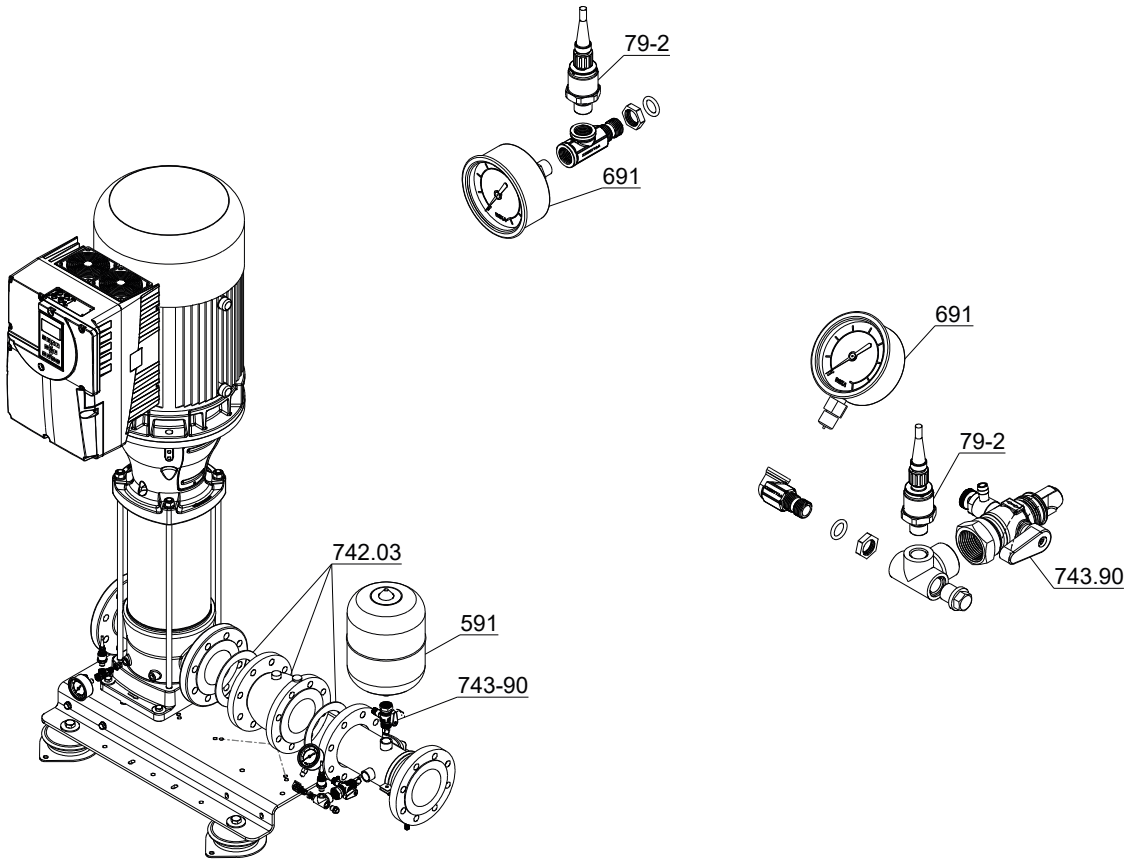


Fig. 11: DeltaSolo SVP with Movitec 25B

Table 15: List of components

Part No.	Description	Part No.	Description
79-2	Measuring transducer	742.03	Lift check valve
591	Membrane-type accumulator	743.90	Ball valve
691	Pressure gauge		

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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