

# Druckerhöhungsanlage

## DeltaBasic

DeltaBasic MVP  
DeltaBasic SVP

## Baureihenheft



## **Impressum**

Baureihenheft DeltaBasic

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Generell gilt: Technische Änderungen vorbehalten.

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## Gebäudetechnik: Wasserversorgung

### Druckerhöhungsanlagen

## DeltaBasic



DeltaBasic SVP

DeltaBasic MVP

### Hauptanwendung

- Druckerhöhung

### Fördermedien

- Trinkwasser
- Brauchwasser
- Kühlwasser
- Flüssigkeiten, die die Werkstoffe chemisch und mechanisch nicht angreifen.

### Betriebsdaten

Tabelle 1: Betriebseigenschaften

| Kenngröße               |                        | Wert   |        |
|-------------------------|------------------------|--------|--------|
|                         |                        | MVP    | SVP    |
| Förderstrom             | Q [m³/h]               | ≤ 66   | ≤ 88   |
|                         | Q [l/s]                | ≤ 18,3 | ≤ 24,4 |
| Förderhöhe              | H [m]                  | ≤ 108  | ≤ 134  |
| Fördermediumstemperatur | T <sub>min.</sub> [°C] | ≥ 0    | ≥ 0    |
|                         | T <sub>max.</sub> [°C] | ≤ +60  | ≤ +60  |
| Betriebsdruck           | p [bar]                | ≤ 16   | ≤ 16   |
| Max. Vordruck           | p <sub>vor</sub> [bar] | ≤ 8    | ≤ 8    |
| Motorleistung           | P [kW]                 | 2,20   | 7,50   |

### Konstruktiver Aufbau

#### Bauart

- Vollautomatische Druckerhöhungsanlage
- Drehzahl geregelt
- Grundplattenausführung
- Auf der Druckseite für Trinkwasser zugelassener Membrandruckbehälter als Steuerbehälter, durchströmt nach DIN 4807-5, mit Absperrhahn und Drainageventil

- 2 (MVP / SVP) / 3 (MVP / SVP) / 4 (SVP) vertikale Hochdruckpumpen mit Drehzahlregelung
- Hydraulische Komponenten aus Edelstahl / Messing
- Rückflussverhinderer je Pumpe
- Druckmessgerät
- Integrierter Trockenlaufschutz
- Drucktransmitter auf der Enddruckseite
- Schwingungsdämpfung pro Anlage
- Druckseitiger Absperrschieber je Pumpe
- Saugseitiger Kugelhahn oder saugseitige Absperrklappe je Pumpe
- Saugseitige und druckseitige Sammelleitung aus Edelstahl

### Aufstellung

- Stationäre Trockenaufstellung

### Antrieb

- Elektromotor
- Schutzart IP55

#### MVP:

- Wirkungsgradklasse IE3 nach IEC 60034-30

#### SVP:

- Wirkungsgradklasse IE5 nach IEC 60034-30

### Automation

- Frequenzumrichter je Pumpe

#### SVP:

- Display auf jedem Frequenzumrichter
- Störungsmeldekontakt je Pumpe
- Betriebsmeldekontakt je Pumpe

**Benennung**
**Tabelle 2: Beispiel Benennung**

| 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  |

Auf Datenblatt angegeben

**Tabelle 3: Bedeutung Benennung**

| Position | Angabe                                                                                                 | Bedeutung                                                                                                                                 |
|----------|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| 1-3      | Baureihe                                                                                               |                                                                                                                                           |
|          | KDB                                                                                                    | DeltaBasic                                                                                                                                |
|          | KDC                                                                                                    | DeltaSolo Compact / DeltaBasic Compact                                                                                                    |
|          | KDM                                                                                                    | DeltaMacro                                                                                                                                |
|          | KDP                                                                                                    | DeltaPrimo                                                                                                                                |
|          | KDS                                                                                                    | DeltaSolo                                                                                                                                 |
| 5-7      | Art der Regelung                                                                                       |                                                                                                                                           |
|          | -F-                                                                                                    | Ungeregelte Pumpen                                                                                                                        |
|          | -VC                                                                                                    | Frequenzumrichter für drehzahlgeregelten Antrieb, Frequenzumrichter im Schaltschrank                                                      |
|          | MVP                                                                                                    | Frequenzumrichter für drehzahlgeregelten Antrieb (Nastec Mida), Frequenzumrichter am Motor, Regelung über intelligenten Frequenzumrichter |
| 8        | SVP                                                                                                    | Frequenzumrichter je Pumpe (PumpDrive 2 Eco / PumpDrive 2), am Motor                                                                      |
|          | Anzahl der Pumpen                                                                                      |                                                                                                                                           |
|          | 1                                                                                                      | 1 Pumpe                                                                                                                                   |
|          | 2                                                                                                      | 2 Pumpen                                                                                                                                  |
|          | 3                                                                                                      | 3 Pumpen                                                                                                                                  |
|          | 4                                                                                                      | 4 Pumpen                                                                                                                                  |
| 10-12    | 5                                                                                                      | 5 Pumpen                                                                                                                                  |
|          | 6                                                                                                      | 6 Pumpen                                                                                                                                  |
|          | Pumpengröße                                                                                            |                                                                                                                                           |
|          | 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                                                                                                                                   |
| 14-15    | C04                                                                                                    | Comeo 4                                                                                                                                   |
|          | C06                                                                                                    | Comeo 6                                                                                                                                   |
| 16       | Stufenzahl der Pumpe                                                                                   |                                                                                                                                           |
|          | 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 |                                                                                                                                           |
|          | Ausführung Laufräder                                                                                   |                                                                                                                                           |
|          | 0                                                                                                      | Ohne abgedrehtes Laufrad                                                                                                                  |
|          | 1                                                                                                      | 1 abgedrehtes Laufrad                                                                                                                     |
|          | 2                                                                                                      | 2 abgedrehte Laufräder                                                                                                                    |
|          | L                                                                                                      | Laufrad für geringen NPSH-Wert                                                                                                            |
| 17       | R                                                                                                      | 1 abgedrehtes Laufrad + L-Version <sup>1)</sup>                                                                                           |
|          | S                                                                                                      | 2 abgedrehte Laufräder + L-Version <sup>1)</sup>                                                                                          |
| 17       | Zulaufverhältnisse                                                                                     |                                                                                                                                           |

<sup>1</sup> L-Version = Ausführung für geringen NPSH-Wert

| Position | Angabe                             | Bedeutung                                                                                          |
|----------|------------------------------------|----------------------------------------------------------------------------------------------------|
| 17       | M                                  | Druckerhöhungsanlage ist saugseitig an die kommunale Wasserversorgung angeschlossen, Zulaufbetrieb |
|          | F                                  | Druckerhöhungsanlage mit Vorlagebehälter auf Pumpenebene, Zulaufbetrieb                            |
|          | L                                  | Druckerhöhungsanlage mit tiefer liegendem Vorlagebehälter, Saugbetrieb                             |
| 18       | Frequenz [Hz]                      |                                                                                                    |
|          | 5                                  | 50 Hz                                                                                              |
|          | 6                                  | 60 Hz                                                                                              |
| 19       | Antrieb                            |                                                                                                    |
|          | A                                  | Asynchronmotor (IEC), Standard                                                                     |
|          | S                                  | KSB SuPremE                                                                                        |
| 20       | Ausführung Frequenzumrichter       |                                                                                                    |
|          | 0                                  | Festdrehzahl                                                                                       |
|          | 1                                  | Nastec Mida                                                                                        |
|          | 2                                  | Danfoss Mididrive (FC280)                                                                          |
|          | 3                                  | PumpDrive 2 Eco                                                                                    |
|          | 4                                  | PumpDrive 2                                                                                        |
| 21       | Ausführung Steuerung               |                                                                                                    |
|          | 0                                  | Im Antrieb integriert                                                                              |
|          | 1                                  | KSB BoosterCommand Pro                                                                             |
| 22       | Ausführung Trockenlaufschutz (RDP) |                                                                                                    |
|          | 0                                  | Cos Phi                                                                                            |
|          | 1                                  | Druckschalter                                                                                      |
|          | 2                                  | Druckschalter mit Druckmessgerät                                                                   |
|          | 3                                  | Drucktransmitter                                                                                   |
|          | 4                                  | Drucktransmitter mit Druckmessgerät                                                                |
|          | 5                                  | Drahtbrücke                                                                                        |
| 24       | Anschlussart                       |                                                                                                    |
|          | 0                                  | C × T (Kappe x Gewinde)                                                                            |
|          | 1                                  | C × F (Kappe x Flansch)                                                                            |
|          | 2                                  | F × F (Blindflansch x Flansch)                                                                     |
| 25       | Ausführung Schaltschrank           |                                                                                                    |
|          | 0                                  | Keine Optionen                                                                                     |
|          | 1                                  | Mit Optionen                                                                                       |
| 26       | Ausführung                         |                                                                                                    |
|          | 0                                  | Standardvariante                                                                                   |
|          | 1/2                                | Sonderausführung                                                                                   |

## Aufbau und Wirkungsweise



Abb. 1: Aufbau DeltaBasic SVP / MVP

|   |                   |   |                      |
|---|-------------------|---|----------------------|
| 1 | Schaltkasten      | 4 | Membrandruckbehälter |
| 2 | Pumpe             | 5 | Verteilerrohr        |
| 3 | Frequenzumrichter | 6 | Grundplatte          |

### Ausführung

Die vollautomatische Druckerhöhungsanlage fördert mit 2, 3 oder 4 (SVP) vertikalen Hochdruckpumpen (2) (alle drehzahlregelt) das Fördermedium im eingestellten Druckbereich zu den Verbrauchern.

### Wirkungsweise

2, 3 oder 4 (SVP) Pumpen (2) werden durch motormontierte Frequenzumrichter gesteuert und überwacht.

Zuschaltung und Abschaltungen der Pumpen erfolgen dem Anlagenbedarf angepasst vollautomatisch.

Nach Abschalten einer Pumpe wird bei erneutem Bedarf die nächste noch nicht in Betrieb gewesene Pumpe zugeschaltet.

Dabei wird die Stand-by-Pumpe mit in den Tauschzyklus aufgenommen.

Die Druckerhöhungsanlage schaltet sich in der Standardeinstellung automatisch druckabhängig ein, der Istdruck wird dabei von einem analogen Drucktransmitter erfasst.

Solange die Druckerhöhungsanlage in Betrieb ist, werden Pumpen in der Standardeinstellung bedarfsabhängig zu- und abgeschaltet. So ist gewährleistet, dass die Pumpen nur entsprechend dem tatsächlichen Bedarf zum Einsatz kommen.

Neben einem verschleißarmen Betrieb bewirkt die drehzahlvariable Pumpe eine starke Reduzierung der Schalthäufigkeit der Pumpen im Parallelbetrieb. Bei Ausfall einer Betriebspumpe wird sofort auf die nächste Pumpe umgeschaltet. Es erfolgt eine Störungsmeldung, die über potenzialfreie Kontakte (z. B. zur Leitwarte) gemeldet werden kann.

Geht der Bedarf gegen 0, fährt die Druckerhöhungsanlage sanft zum Ausschaltpunkt.

Standardmäßig ist eine Pumpe als Stand-by-Pumpe geschaltet. Die Steuerung definiert immer eine andere Pumpe als Stand-by-Pumpe. Dadurch wird Stagnation des Wassers in einer Pumpe vermieden. Über Parameter in der Steuerung kann die Stand-by-Pumpenfunktion deaktiviert werden, sodass die Anlage ohne Stand-by-Funktion läuft.

Die Druckerhöhungsanlage verfügt über einen integrierten Trockenlaufschutz.

Im elektrischen Anschlusskasten sind digitale Kontakte für eine Wassermangelanzeige vorhanden.

DeltaBasic:

Während der Inbetriebnahme und nach jedem Spannungsausfall füllt die Druckerhöhungsanlage das Leitungssystem langsam, um Beschädigungen an der Rohrleitung durch Druckstöße zu vermeiden.

## Werkstoffe

**Tabelle 4:** Übersicht verfügbarer Werkstoffe

| Teile-Nr.<br>(⇒ Seite 44) | Benennung                     | Werkstoff                  |
|---------------------------|-------------------------------|----------------------------|
| 101                       | Pumpengehäuse                 | 1.4308                     |
| 10-6                      | Pumpenmantel                  | 1.4301                     |
| 200                       | Hydraulik                     | 1.4301                     |
| 412                       | Elastomer                     | EPDM                       |
| 433                       | Gleitringdichtung             | Entspricht EN 12756        |
| 591                       | Membranbehälter,<br>Anschluss | 1.4401                     |
| 742                       | Rückschlagklappe              | POM (Polyoxymethylen)      |
| 743                       | Kugelhahn                     | Messing, nickelbeschichtet |
| 890                       | Grundplatte                   | Stahl, pulverbeschichtet   |
| -                         | Membran                       | Trinkwassergeeignet        |

### Produktvorteile

- Energieeffiziente Fahrweise und konstanter Druck durch Drehzahlregelung aller Pumpen
- Trinkwassergeeignet durch Produktion unter strengen hygienischen Bedingungen
- Einfache und schnelle Inbetriebnahme durch anschlussfertige, vormontierte und getestete Anlage
- Korrosionsbeständig durch pulverbeschichtete Materialien und Edelstahl
- Betriebssicherheit durch eingebauten Trockenlaufschutz

#### SVP:

- Vermeidung von Schäden am Rohrleitungssystem bei Ausführung 3~400 V durch Rohrleitungsfüllfunktion
- Fernüberwachung der Anlage durch Anbindung an Gebäudeleittechnik

### Produktinformation

#### Produktinformation gemäß Verordnung Nr. 1907/2006 (REACH)

Informationen gemäß europäischer Chemikalienverordnung (EG) Nr. 1907/2006 (REACH) siehe <https://www.ksb.com/de-global/konzern/unternehmerische-verantwortung/reach>.

### Zertifizierungen

**Tabelle 5:** Übersicht

| Marke                                                                               | Gültig für:            | Bemerkung                         |
|-------------------------------------------------------------------------------------|------------------------|-----------------------------------|
|  | Frankreich             | Französische Trinkwasserzulassung |
|  | Vereinigtes Königreich | Englische Trinkwasserzulassung    |

#### Ventile und Rückschlagklappe:

|                                                                                     |             |                               |
|-------------------------------------------------------------------------------------|-------------|-------------------------------|
|  | Deutschland | Deutsche Trinkwasserzulassung |
|-------------------------------------------------------------------------------------|-------------|-------------------------------|

### Auslegungshinweise

#### Beispiel zur Auslegung

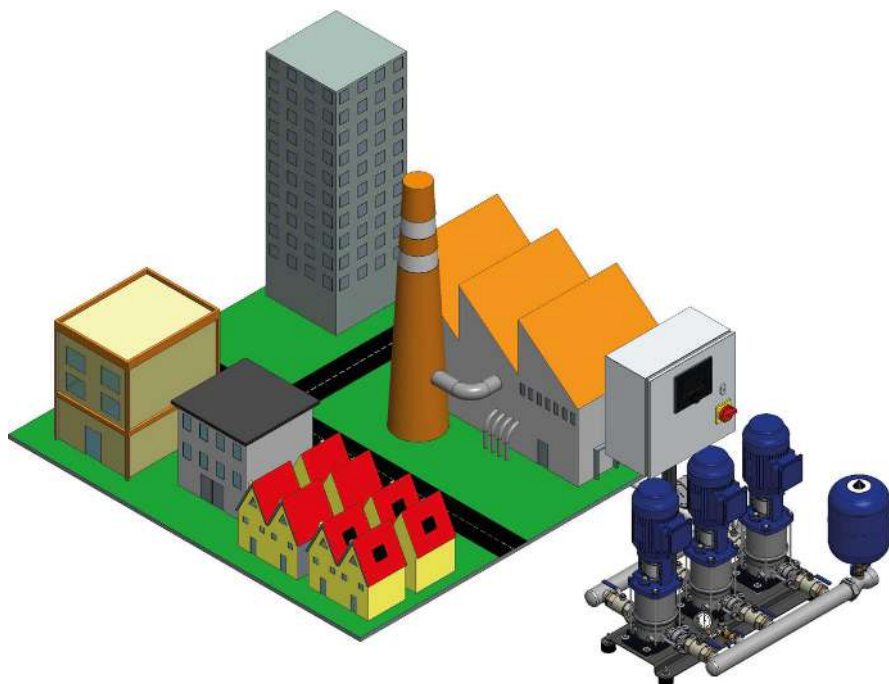
##### Aufgabenstellung:

Gewünschter Betriebspunkt bei:

- 2 Betriebspumpen und 1 Stand-by-Pumpe
- Förderstrom: 10 m<sup>3</sup>/h
- Förderhöhe: 50 m
- Vordruck: 1 bar

#### Lösung:

1. Vordruck von 1 bar (ca. 10 m) von der Förderhöhe abziehen.  
⇒ Es ergibt sich eine erforderliche Förderhöhe von 40 m.
2. Den erforderlichen Förderstrom durch die Anzahl der Betriebspumpen teilen. Die Werte in die Kennlinien übertragen und die entsprechende Pumpe wählen.  
⇒ Es ergibt sich eine DeltaBasic SVP/MVP 3/0605.

**Technische Daten**
**DeltaBasic MVP, Zulaufverhältnis M**


**Abb. 2:** Zulaufverhältnisse Ausführung M (Mains) = unmittelbarer Anschluss (Druckerhöhungsanlage ist saugseitig an die kommunale Wasserversorgung angeschlossen)

MVP = Druckregelung mit Drehzahlregelung

3 × 400 V + N ± 10 %

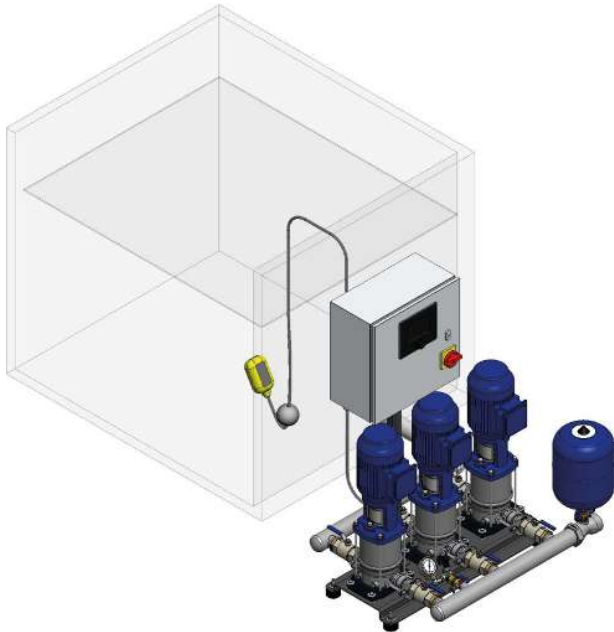
Trockenlaufschutz = Druckschalter

**Tabelle 6:** 50 Hz

| DeltaBasic | Anzahl Pumpen | Movitec | Stufenzahl | DN1     | DN2     | P <sub>N</sub><br>[kW] | Wirkungsgradklasse | I <sub>N</sub><br>[A] | Schalthäufigkeit<br>[x/h] | I <sub>min</sub> Überstromschutz<br>[A] | I <sub>max</sub> Überstromschutz<br>[A] | Schalldruckpegel<br>[dB(A)] | Schutzart | PN | Mat.-Nr. | [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 | 64,08 |
| 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 | 64,97 |
| 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 | 65,9  |
| 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 | 66,83 |
| 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 | 70,74 |
| 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 | 71,62 |
| 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 | 73,04 |
| MVP        | 2             | 02      | 09         | G 1 1/2 | G 1 1/2 | 0,75                   | IE3                | 7                     | 180                       | 13                                      | 25                                      | 55                          | IP55      | 16 | 48281309 | 78,76 |
| MVP        | 2             | 02      | 10         | G 1 1/2 | G 1 1/2 | 0,75                   | IE3                | 7                     | 180                       | 13                                      | 25                                      | 55                          | IP55      | 16 | 48278513 | 79,72 |
| MVP        | 2             | 02      | 11         | G 1 1/2 | G 1 1/2 | 1,10                   | IE3                | 7                     | 180                       | 13                                      | 25                                      | 55                          | IP55      | 16 | 48281310 | 85,25 |
| MVP        | 2             | 02      | 12         | G 1 1/2 | G 1 1/2 | 1,10                   | IE3                | 7                     | 180                       | 13                                      | 25                                      | 55                          | IP55      | 16 | 48281311 | 86,2  |
| MVP        | 2             | 02      | 14         | G 1 1/2 | G 1 1/2 | 1,10                   | IE3                | 7                     | 180                       | 13                                      | 25                                      | 55                          | IP55      | 16 | 48278514 | 88,53 |
| 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 | 63,92 |
| 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 | 67,71 |
| 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 | 68,56 |
| MVP        | 2             | 04      | 05         | G 1 1/2 | G 1 1/2 | 0,75                   | IE3                | 7                     | 180                       | 13                                      | 25                                      | 55                          | IP55      | 16 | 48278517 | 74,16 |
| MVP        | 2             | 04      | 06         | G 1 1/2 | G 1 1/2 | 1,10                   | IE3                | 7                     | 180                       | 13                                      | 25                                      | 55                          | IP55      | 16 | 48281316 | 79,62 |
| MVP        | 2             | 04      | 07         | G 1 1/2 | G 1 1/2 | 1,10                   | IE3                | 7                     | 180                       | 13                                      | 25                                      | 55                          | IP55      | 16 | 48278518 | 80,91 |
| MVP        | 2             | 04      | 08         | G 1 1/2 | G 1 1/2 | 1,50                   | IE3                | 11                    | 50                        | 19,1                                    | 25                                      | 55                          | IP55      | 16 | 48281317 | 91,21 |
| MVP        | 2             | 04      | 09         | G 1 1/2 | G 1 1/2 | 1,50                   | IE3                | 11                    | 50                        | 19,1                                    | 25                                      | 55                          | IP55      | 16 | 48281318 | 92,11 |

| DeltaBasic | Anzahl Pumpen | Movitec | Stufenzahl | DN1     | DN2     | P <sub>N</sub><br>[kW] | Wirkungsgradklasse | I <sub>N</sub><br>[A] | Schalthäufigkeit<br>[x/h] | I <sub>min</sub> Überstromschutz<br>[A] | I <sub>max</sub> Überstromschutz<br>[A] | Schalldruckpegel<br>[dB(A)] | Schutzart | PN | Mat.-Nr. | [kg]   |
|------------|---------------|---------|------------|---------|---------|------------------------|--------------------|-----------------------|---------------------------|-----------------------------------------|-----------------------------------------|-----------------------------|-----------|----|----------|--------|
| MVP        | 2             | 04      | 10         | G 1 1/2 | G 1 1/2 | 1,50                   | IE3                | 11                    | 50                        | 19,1                                    | 25                                      | 55                          | IP55      | 16 | 48278519 | 92,99  |
| 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 | 102,92 |
| 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 | 103,79 |
| 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 | 66,42  |
| MVP        | 2             | 06      | 03         | G 1 1/2 | G 1 1/2 | 0,75                   | IE3                | 7                     | 180                       | 13                                      | 25                                      | 55                          | IP55      | 16 | 48278521 | 75,09  |
| MVP        | 2             | 06      | 04         | G 1 1/2 | G 1 1/2 | 1,10                   | IE3                | 7                     | 180                       | 13                                      | 25                                      | 55                          | IP55      | 16 | 48281321 | 80,67  |
| MVP        | 2             | 06      | 05         | G 1 1/2 | G 1 1/2 | 1,10                   | IE3                | 7                     | 180                       | 13                                      | 25                                      | 55                          | IP55      | 16 | 48278522 | 81,65  |
| MVP        | 2             | 06      | 06         | G 1 1/2 | G 1 1/2 | 1,50                   | IE3                | 11                    | 50                        | 19,1                                    | 25                                      | 55                          | IP55      | 16 | 48281322 | 92,52  |
| MVP        | 2             | 06      | 07         | G 1 1/2 | G 1 1/2 | 1,50                   | IE3                | 11                    | 50                        | 19,1                                    | 25                                      | 55                          | IP55      | 16 | 48281323 | 93,55  |
| 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 | 103,13 |
| 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 | 104,11 |
| MVP        | 2             | 10      | 01         | G 2     | G 2     | 0,75                   | IE3                | 7                     | 180                       | 13                                      | 25                                      | 55                          | IP55      | 16 | 48281326 | 97,39  |
| MVP        | 2             | 10      | 02         | G 2     | G 2     | 0,75                   | IE3                | 7                     | 180                       | 13                                      | 25                                      | 55                          | IP55      | 16 | 48278525 | 97,91  |
| MVP        | 2             | 10      | 03         | G 2     | G 2     | 1,10                   | IE3                | 7                     | 180                       | 13                                      | 25                                      | 55                          | IP55      | 16 | 48278526 | 104,79 |
| MVP        | 2             | 10      | 04         | G 2     | G 2     | 1,50                   | IE3                | 11                    | 50                        | 19,1                                    | 25                                      | 55                          | IP55      | 16 | 48278527 | 116,1  |
| MVP        | 2             | 10      | 05         | G 2     | G 2     | 2,20 (2,00)            | IE3                | 11                    | 30                        | 19,1                                    | 25                                      | 55                          | IP55      | 16 | 48281327 | 126,52 |
| MVP        | 2             | 15      | 01         | DN 65   | DN 65   | 1,10                   | IE3                | 7                     | 180                       | 13                                      | 25                                      | 55                          | IP55      | 16 | 48245721 | 122    |
| MVP        | 2             | 15      | 02         | DN 65   | DN 65   | 2,20 (2,00)            | IE3                | 11                    | 30                        | 19,1                                    | 25                                      | 55                          | IP55      | 16 | 48245723 | 143    |
| 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 | 88,52  |
| 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 | 89,86  |
| 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 | 91,26  |
| 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 | 92,65  |
| 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 | 98,52  |
| 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 | 99,84  |
| 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 | 101,72 |
| MVP        | 3             | 02      | 09         | G 1 1/2 | G 1 1/2 | 0,75                   | IE3                | 7                     | 180                       | 13                                      | 25                                      | 55                          | IP55      | 16 | 48281538 | 110,31 |
| MVP        | 3             | 02      | 10         | G 1 1/2 | G 1 1/2 | 0,75                   | IE3                | 7                     | 180                       | 13                                      | 25                                      | 55                          | IP55      | 16 | 48278530 | 111,75 |
| MVP        | 3             | 02      | 11         | G 1 1/2 | G 1 1/2 | 1,10                   | IE3                | 7                     | 180                       | 13                                      | 25                                      | 55                          | IP55      | 16 | 48281539 | 120,05 |
| MVP        | 3             | 02      | 12         | G 1 1/2 | G 1 1/2 | 1,10                   | IE3                | 7                     | 180                       | 13                                      | 25                                      | 55                          | IP55      | 16 | 48281540 | 121,46 |
| MVP        | 3             | 02      | 14         | G 1 1/2 | G 1 1/2 | 1,10                   | IE3                | 7                     | 180                       | 13                                      | 25                                      | 55                          | IP55      | 16 | 48278531 | 124,72 |
| 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 | 88,28  |
| 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 | 93,97  |
| 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 | 95,25  |
| MVP        | 3             | 04      | 05         | G 1 1/2 | G 1 1/2 | 0,75                   | IE3                | 7                     | 180                       | 13                                      | 25                                      | 55                          | IP55      | 16 | 48278534 | 103,65 |
| MVP        | 3             | 04      | 06         | G 1 1/2 | G 1 1/2 | 1,10                   | IE3                | 7                     | 180                       | 13                                      | 25                                      | 55                          | IP55      | 16 | 48281545 | 111,84 |
| MVP        | 3             | 04      | 07         | G 1 1/2 | G 1 1/2 | 1,10                   | IE3                | 7                     | 180                       | 13                                      | 25                                      | 55                          | IP55      | 16 | 48278535 | 113,53 |
| MVP        | 3             | 04      | 08         | G 1 1/2 | G 1 1/2 | 1,50                   | IE3                | 11                    | 50                        | 19,1                                    | 25                                      | 55                          | IP55      | 16 | 48281546 | 128,98 |
| MVP        | 3             | 04      | 09         | G 1 1/2 | G 1 1/2 | 1,50                   | IE3                | 11                    | 50                        | 19,1                                    | 25                                      | 55                          | IP55      | 16 | 48281547 | 130,33 |
| MVP        | 3             | 04      | 10         | G 1 1/2 | G 1 1/2 | 1,50                   | IE3                | 11                    | 50                        | 19,1                                    | 25                                      | 55                          | IP55      | 16 | 48278536 | 131,65 |
| 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 | 146,31 |
| 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 | 147,61 |
| MVP        | 3             | 06      | 02         | G 2     | G 2     | 0,37                   | IE2                | 4,5                   | 50                        | 7,8                                     | 25                                      | 60                          | IP55      | 16 | 48278537 | 93,27  |
| MVP        | 3             | 06      | 03         | G 2     | G 2     | 0,75                   | IE3                | 7                     | 180                       | 13                                      | 25                                      | 55                          | IP55      | 16 | 48278538 | 106,27 |
| MVP        | 3             | 06      | 04         | G 2     | G 2     | 1,10                   | IE3                | 7                     | 180                       | 13                                      | 25                                      | 55                          | IP55      | 16 | 48281550 | 114,65 |
| MVP        | 3             | 06      | 05         | G 2     | G 2     | 1,10                   | IE3                | 7                     | 180                       | 13                                      | 25                                      | 55                          | IP55      | 16 | 48278539 | 116,12 |
| MVP        | 3             | 06      | 06         | G 2     | G 2     | 1,50                   | IE3                | 11                    | 50                        | 19,1                                    | 25                                      | 55                          | IP55      | 16 | 48281551 | 132,18 |
| MVP        | 3             | 06      | 07         | G 2     | G 2     | 1,50                   | IE3                | 11                    | 50                        | 19,1                                    | 25                                      | 55                          | IP55      | 16 | 48278540 | 133,72 |
| MVP        | 3             | 06      | 08         | G 2     | G 2     | 2,20 (2,00)            | IE3                | 11                    | 30                        | 19,1                                    | 25                                      | 55                          | IP55      | 16 | 48281552 | 148,1  |
| MVP        | 3             | 06      | 09         | G 2     | G 2     | 2,20 (2,00)            | IE3                | 11                    | 30                        | 19,1                                    | 25                                      | 55                          | IP55      | 16 | 48281553 | 149,56 |
| MVP        | 3             | 10      | 01         | G 2     | G 2     | 0,75                   | IE3                | 7                     | 180                       | 13                                      | 25                                      | 55                          | IP55      | 16 | 48281554 | 139,01 |
| MVP        | 3             | 10      | 02         | G 2     | G 2     | 0,75                   | IE3                | 7                     | 180                       | 13                                      | 25                                      | 55                          | IP55      | 16 | 48278542 | 139,78 |
| MVP        | 3             | 10      | 03         | G 2     | G 2     | 1,10                   | IE3                | 7                     | 180                       | 13                                      | 25                                      | 55                          | IP55      | 16 | 48278543 | 149,86 |

| DeltaBasic | Anzahl Pumpen | Movitec | Stufenzahl | DN1   | DN2   | P <sub>N</sub> | Wirkungsgradklasse | I <sub>N</sub> | Schalthäufigkeit | I <sub>min</sub> Überstromschutz | I <sub>max</sub> Überstromschutz | Schalldruckpegel | Schutzart | PN | Mat.-Nr. | [kg]   |
|------------|---------------|---------|------------|-------|-------|----------------|--------------------|----------------|------------------|----------------------------------|----------------------------------|------------------|-----------|----|----------|--------|
|            |               |         |            |       |       | [kW]           |                    | [A]            |                  | [A]                              | [A]                              |                  |           |    |          |        |
| MVP        | 3             | 10      | 04         | G 2   | G 2   | 1,50           | IE3                | 11             | 50               | 19,1                             | 25                               | 55               | IP55      | 16 | 48278544 | 166,83 |
| MVP        | 3             | 10      | 05         | G 2   | G 2   | 2,20 (2,00)    | IE3                | 11             | 30               | 19,1                             | 25                               | 55               | IP55      | 16 | 48281555 | 182,46 |
| MVP        | 3             | 15      | 01         | DN 65 | DN 65 | 1,10           | IE3                | 7              | 180              | 13                               | 25                               | 55               | IP55      | 16 | 48245730 | 172    |
| MVP        | 3             | 15      | 02         | DN 65 | DN 65 | 2,20 (2,00)    | IE3                | 11             | 30               | 19,1                             | 25                               | 55               | IP55      | 16 | 48245732 | 203    |

**DeltaBasic MVP, Zulaufverhältnis F**


**Abb. 3:** Zulaufverhältnisse Ausführung F (Flooded) = mittelbarer Anschluss (Druckerhöhungsanlage mit Vorlagebehälter auf Pumpenebene)

Hinweis: Vorlagebehälter und Schwimmerschalter nicht im Standardlieferumfang enthalten. Als Zubehör erhältlich.

MVP = Druckregelung mit Drehzahlregelung

3 × 400 V + N ± 10 %

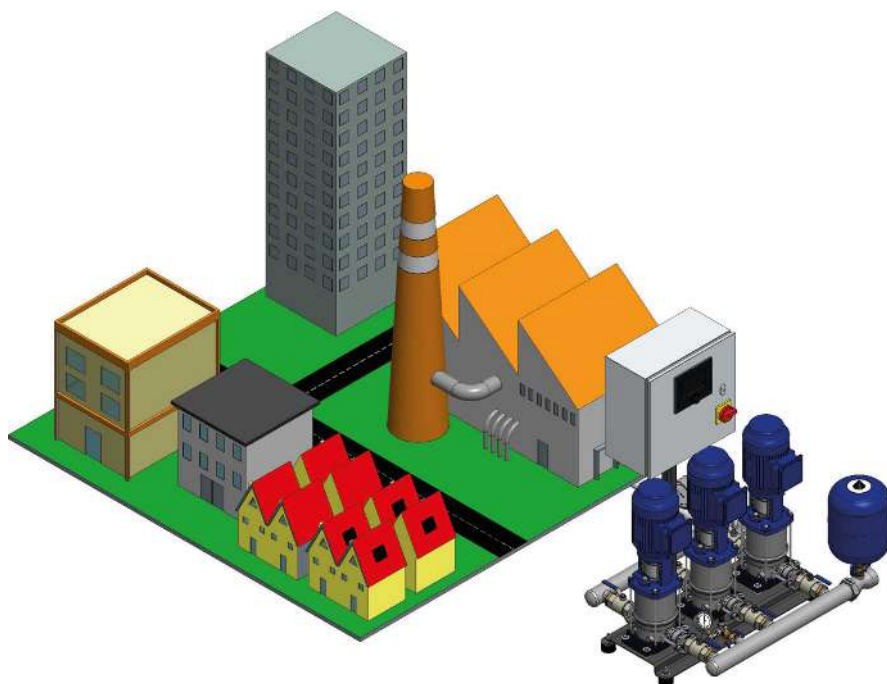
**Tabelle 7:** 50 Hz

| DeltaBasic | Anzahl Pumpen | Movitec | Stufenzahl | DN1     | DN2   | P <sub>N</sub><br>[kW] | Wirkungsgradklasse | I <sub>N</sub><br>[A] | Schalthäufigkeit<br>[x/h] | I <sub>min</sub> Überstromschutz<br>[A] | I <sub>max</sub> Überstromschutz<br>[A] | Schalldruckpegel<br>[dB(A)] | Schutzart | PN | Mat.-Nr. | [kg]    |
|------------|---------------|---------|------------|---------|-------|------------------------|--------------------|-----------------------|---------------------------|-----------------------------------------|-----------------------------------------|-----------------------------|-----------|----|----------|---------|
| MVP        | 2             | 02      | 02         | G 1 1/2 | DN 40 | 0,37                   | IE2                | 4,5                   | 50                        | 4,5                                     | 25                                      | 60                          | IP55      | 16 | 05166572 | 71,518  |
| MVP        | 2             | 02      | 03         | G 1 1/2 | DN 40 | 0,37                   | IE2                | 4,5                   | 50                        | 4,5                                     | 25                                      | 60                          | IP55      | 16 | 05166574 | 72,408  |
| MVP        | 2             | 02      | 04         | G 1 1/2 | DN 40 | 0,37                   | IE2                | 4,5                   | 50                        | 4,5                                     | 25                                      | 60                          | IP55      | 16 | 05166576 | 73,34   |
| MVP        | 2             | 02      | 05         | G 1 1/2 | DN 40 | 0,37                   | IE2                | 4,5                   | 50                        | 4,5                                     | 25                                      | 60                          | IP55      | 16 | 05166578 | 74,266  |
| MVP        | 2             | 02      | 06         | G 1 1/2 | DN 40 | 0,55                   | IE2                | 4,5                   | 50                        | 4,5                                     | 25                                      | 60                          | IP55      | 16 | 05166580 | 78,18   |
| MVP        | 2             | 02      | 07         | G 1 1/2 | DN 40 | 0,55                   | IE2                | 4,5                   | 50                        | 4,5                                     | 25                                      | 60                          | IP55      | 16 | 05166582 | 79,064  |
| MVP        | 2             | 02      | 08         | G 1 1/2 | DN 40 | 0,55                   | IE2                | 4,5                   | 50                        | 4,5                                     | 25                                      | 60                          | IP55      | 16 | 05166584 | 80,476  |
| MVP        | 2             | 02      | 09         | G 1 1/2 | DN 40 | 0,75                   | IE3                | 7                     | 180                       | 7                                       | 25                                      | 55                          | IP55      | 16 | 05166586 | 86,2    |
| MVP        | 2             | 02      | 10         | G 1 1/2 | DN 40 | 0,75                   | IE3                | 7                     | 180                       | 7                                       | 25                                      | 55                          | IP55      | 16 | 05166588 | 87,156  |
| MVP        | 2             | 02      | 11         | G 1 1/2 | DN 40 | 1,10                   | IE3                | 7                     | 180                       | 7                                       | 25                                      | 55                          | IP55      | 16 | 05166590 | 92,69   |
| MVP        | 2             | 02      | 12         | G 1 1/2 | DN 40 | 1,10                   | IE3                | 7                     | 180                       | 7                                       | 25                                      | 55                          | IP55      | 16 | 05166592 | 93,632  |
| MVP        | 2             | 02      | 14         | G 1 1/2 | DN 40 | 1,10                   | IE3                | 7                     | 180                       | 7                                       | 25                                      | 55                          | IP55      | 16 | 05166594 | 95,962  |
| MVP        | 2             | 02      | 16         | G 1 1/2 | DN 40 | 1,50                   | IE3                | 11                    | 50                        | 11                                      | 25                                      | 55                          | IP55      | 16 | 05166596 | 107,282 |
| MVP        | 2             | 02      | 18         | G 1 1/2 | DN 40 | 1,50                   | IE3                | 11                    | 50                        | 11                                      | 25                                      | 55                          | IP55      | 16 | 05166598 | 109,14  |
| MVP        | 2             | 04      | 02         | G 1 1/2 | DN 40 | 0,37                   | IE2                | 4,5                   | 50                        | 4,5                                     | 25                                      | 60                          | IP55      | 16 | 05166602 | 71,358  |
| MVP        | 2             | 04      | 03         | G 1 1/2 | DN 40 | 0,55                   | IE2                | 4,5                   | 50                        | 4,5                                     | 25                                      | 60                          | IP55      | 16 | 05166604 | 75,15   |
| MVP        | 2             | 04      | 04         | G 1 1/2 | DN 40 | 0,55                   | IE2                | 4,5                   | 50                        | 4,5                                     | 25                                      | 60                          | IP55      | 16 | 05166606 | 76,004  |
| MVP        | 2             | 04      | 05         | G 1 1/2 | DN 40 | 0,75                   | IE3                | 7                     | 180                       | 7                                       | 25                                      | 55                          | IP55      | 16 | 05166608 | 81,6    |
| MVP        | 2             | 04      | 06         | G 1 1/2 | DN 40 | 1,10                   | IE3                | 7                     | 180                       | 7                                       | 25                                      | 55                          | IP55      | 16 | 05166610 | 87,056  |
| MVP        | 2             | 04      | 07         | G 1 1/2 | DN 40 | 1,10                   | IE3                | 7                     | 180                       | 7                                       | 25                                      | 55                          | IP55      | 16 | 05166612 | 88,342  |
| MVP        | 2             | 04      | 08         | G 1 1/2 | DN 40 | 1,50                   | IE3                | 11                    | 50                        | 11                                      | 25                                      | 55                          | IP55      | 16 | 05166614 | 98,632  |
| MVP        | 2             | 04      | 09         | G 1 1/2 | DN 40 | 1,50                   | IE3                | 11                    | 50                        | 11                                      | 25                                      | 55                          | IP55      | 16 | 05166616 | 99,53   |
| MVP        | 2             | 04      | 10         | G 1 1/2 | DN 40 | 1,50                   | IE3                | 11                    | 50                        | 11                                      | 25                                      | 55                          | IP55      | 16 | 05166618 | 100,408 |
| MVP        | 2             | 04      | 11         | G 1 1/2 | DN 40 | 2,20 (2,00)            | IE3                | 11                    | 30                        | 11                                      | 25                                      | 55                          | IP55      | 16 | 05166620 | 110,344 |

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| DeltaBasic | Anzahl Pumpen | Movitec | Stufenzahl | DN1     | DN2   | P <sub>N</sub><br>[kW] | Wirkungsgradklasse | I <sub>N</sub><br>[A] | Schalthäufigkeit<br>[x/h] | I <sub>min</sub> Überstromschutz<br>[A] | I <sub>max</sub> Überstromschutz<br>[A] | Schalldruckpegel<br>[dB(A)] | Schutzart | PN | Mat.-Nr. | [kg]    |
|------------|---------------|---------|------------|---------|-------|------------------------|--------------------|-----------------------|---------------------------|-----------------------------------------|-----------------------------------------|-----------------------------|-----------|----|----------|---------|
| MVP        | 2             | 04      | 12         | G 1 1/2 | DN 40 | 2,20 (2,00)            | IE3                | 11                    | 30                        | 11                                      | 25                                      | 55                          | IP55      | 16 | 05166622 | 111,208 |
| MVP        | 2             | 06      | 02         | G 1 1/2 | DN 40 | 0,37                   | IE2                | 4,5                   | 50                        | 4,5                                     | 25                                      | 60                          | IP55      | 16 | 05166626 | 71,466  |
| MVP        | 2             | 06      | 03         | G 1 1/2 | DN 40 | 0,75                   | IE3                | 7                     | 180                       | 7                                       | 25                                      | 55                          | IP55      | 16 | 05166628 | 80,132  |
| MVP        | 2             | 06      | 04         | G 1 1/2 | DN 40 | 1,10                   | IE3                | 7                     | 180                       | 7                                       | 25                                      | 55                          | IP55      | 16 | 05166630 | 85,716  |
| MVP        | 2             | 06      | 05         | G 1 1/2 | DN 40 | 1,10                   | IE3                | 7                     | 180                       | 7                                       | 25                                      | 55                          | IP55      | 16 | 05166632 | 86,698  |
| MVP        | 2             | 06      | 06         | G 1 1/2 | DN 40 | 1,50                   | IE3                | 11                    | 50                        | 11                                      | 25                                      | 55                          | IP55      | 16 | 05166634 | 97,55   |
| MVP        | 2             | 06      | 07         | G 1 1/2 | DN 40 | 1,50                   | IE3                | 11                    | 50                        | 11                                      | 25                                      | 55                          | IP55      | 16 | 05166636 | 98,576  |
| MVP        | 2             | 06      | 08         | G 1 1/2 | DN 40 | 2,20 (2,00)            | IE3                | 11                    | 30                        | 11                                      | 25                                      | 55                          | IP55      | 16 | 05166638 | 108,162 |
| MVP        | 2             | 06      | 09         | G 1 1/2 | DN 40 | 2,20 (2,00)            | IE3                | 11                    | 30                        | 11                                      | 25                                      | 55                          | IP55      | 16 | 05166640 | 109,136 |
| MVP        | 2             | 10      | 01         | G 2     | DN 50 | 0,75                   | IE3                | 7                     | 180                       | 7                                       | 25                                      | 55                          | IP55      | 16 | 05166647 | 103,522 |
| MVP        | 2             | 10      | 02         | G 2     | DN 50 | 0,75                   | IE3                | 7                     | 180                       | 7                                       | 25                                      | 55                          | IP55      | 16 | 05166649 | 104,036 |
| MVP        | 2             | 10      | 03         | G 2     | DN 50 | 1,10                   | IE3                | 7                     | 180                       | 7                                       | 25                                      | 55                          | IP55      | 16 | 05166651 | 110,918 |
| MVP        | 2             | 10      | 04         | G 2     | DN 50 | 1,50                   | IE3                | 11                    | 50                        | 11                                      | 25                                      | 55                          | IP55      | 16 | 05166653 | 122,216 |
| MVP        | 2             | 10      | 05         | G 2     | DN 50 | 2,20 (2,00)            | IE3                | 11                    | 30                        | 11                                      | 25                                      | 55                          | IP55      | 16 | 05166655 | 132,632 |
| MVP        | 2             | 15      | 01         | DN 65   | DN 65 | 1,10                   | IE3                | 7                     | 180                       | 4,5                                     | 25                                      | 55                          | IP55      | 16 | 05168414 | 121,042 |
| MVP        | 2             | 15      | 02         | DN 65   | DN 65 | 2,20 (2,00)            | IE3                | 11                    | 30                        | 4,5                                     | 25                                      | 55                          | IP55      | 16 | 05168416 | 141,842 |
| MVP        | 3             | 02      | 02         | G 1 1/2 | DN 40 | 0,37                   | IE2                | 4,5                   | 50                        | 4,5                                     | 25                                      | 60                          | IP55      | 16 | 05166664 | 97,069  |
| MVP        | 3             | 02      | 03         | G 1 1/2 | DN 40 | 0,37                   | IE2                | 4,5                   | 50                        | 4,5                                     | 25                                      | 60                          | IP55      | 16 | 05166666 | 98,404  |
| MVP        | 3             | 02      | 04         | G 1 1/2 | DN 40 | 0,37                   | IE2                | 4,5                   | 50                        | 4,5                                     | 25                                      | 60                          | IP55      | 16 | 05166668 | 99,802  |
| MVP        | 3             | 02      | 05         | G 1 1/2 | DN 40 | 0,37                   | IE2                | 4,5                   | 50                        | 4,5                                     | 25                                      | 60                          | IP55      | 16 | 05166670 | 101,191 |
| MVP        | 3             | 02      | 06         | G 1 1/2 | DN 40 | 0,55                   | IE2                | 4,5                   | 50                        | 4,5                                     | 25                                      | 60                          | IP55      | 16 | 05166672 | 107,062 |
| MVP        | 3             | 02      | 07         | G 1 1/2 | DN 40 | 0,55                   | IE2                | 4,5                   | 50                        | 4,5                                     | 25                                      | 60                          | IP55      | 16 | 05166674 | 108,388 |
| MVP        | 3             | 02      | 08         | G 1 1/2 | DN 40 | 0,55                   | IE2                | 4,5                   | 50                        | 4,5                                     | 25                                      | 60                          | IP55      | 16 | 05166676 | 110,266 |
| MVP        | 3             | 02      | 09         | G 1 1/2 | DN 40 | 0,75                   | IE3                | 7                     | 180                       | 7                                       | 25                                      | 55                          | IP55      | 16 | 05166678 | 118,852 |
| MVP        | 3             | 02      | 10         | G 1 1/2 | DN 40 | 0,75                   | IE3                | 7                     | 180                       | 7                                       | 25                                      | 55                          | IP55      | 16 | 05166680 | 120,286 |
| MVP        | 3             | 02      | 11         | G 1 1/2 | DN 40 | 1,10                   | IE3                | 7                     | 180                       | 7                                       | 25                                      | 55                          | IP55      | 16 | 05166682 | 128,587 |
| MVP        | 3             | 02      | 12         | G 1 1/2 | DN 40 | 1,10                   | IE3                | 7                     | 180                       | 7                                       | 25                                      | 55                          | IP55      | 16 | 05166684 | 130     |
| MVP        | 3             | 02      | 14         | G 1 1/2 | DN 40 | 1,10                   | IE3                | 7                     | 180                       | 7                                       | 25                                      | 55                          | IP55      | 16 | 05166686 | 133,255 |
| MVP        | 3             | 02      | 16         | G 1 1/2 | DN 40 | 1,50                   | IE3                | 11                    | 50                        | 11                                      | 25                                      | 55                          | IP55      | 16 | 05166688 | 150,235 |
| MVP        | 3             | 02      | 18         | G 1 1/2 | DN 40 | 1,50                   | IE3                | 11                    | 50                        | 11                                      | 25                                      | 55                          | IP55      | 16 | 05166690 | 153,022 |
| MVP        | 3             | 04      | 02         | G 1 1/2 | DN 40 | 0,37                   | IE2                | 4,5                   | 50                        | 4,5                                     | 25                                      | 60                          | IP55      | 16 | 05166694 | 96,829  |
| MVP        | 3             | 04      | 03         | G 1 1/2 | DN 40 | 0,55                   | IE2                | 4,5                   | 50                        | 4,5                                     | 25                                      | 60                          | IP55      | 16 | 05166696 | 102,517 |
| MVP        | 3             | 04      | 04         | G 1 1/2 | DN 40 | 0,55                   | IE2                | 4,5                   | 50                        | 4,5                                     | 25                                      | 60                          | IP55      | 16 | 05166698 | 103,798 |
| MVP        | 3             | 04      | 05         | G 1 1/2 | DN 40 | 0,75                   | IE3                | 7                     | 180                       | 7                                       | 25                                      | 55                          | IP55      | 16 | 05166700 | 112,192 |
| MVP        | 3             | 04      | 06         | G 1 1/2 | DN 40 | 1,10                   | IE3                | 7                     | 180                       | 7                                       | 25                                      | 55                          | IP55      | 16 | 05166702 | 120,376 |
| MVP        | 3             | 04      | 07         | G 1 1/2 | DN 40 | 1,10                   | IE3                | 7                     | 180                       | 7                                       | 25                                      | 55                          | IP55      | 16 | 05166704 | 122,065 |
| MVP        | 3             | 04      | 08         | G 1 1/2 | DN 40 | 1,50                   | IE3                | 11                    | 50                        | 11                                      | 25                                      | 55                          | IP55      | 16 | 05166706 | 137,5   |
| MVP        | 3             | 04      | 09         | G 1 1/2 | DN 40 | 1,50                   | IE3                | 11                    | 50                        | 11                                      | 25                                      | 55                          | IP55      | 16 | 05166708 | 138,847 |
| MVP        | 3             | 04      | 10         | G 1 1/2 | DN 40 | 1,50                   | IE3                | 11                    | 50                        | 11                                      | 25                                      | 55                          | IP55      | 16 | 05166710 | 140,164 |
| MVP        | 3             | 04      | 11         | G 1 1/2 | DN 40 | 2,20 (2,00)            | IE3                | 11                    | 30                        | 11                                      | 25                                      | 55                          | IP55      | 16 | 05166712 | 154,828 |
| MVP        | 3             | 04      | 12         | G 1 1/2 | DN 40 | 2,20 (2,00)            | IE3                | 11                    | 30                        | 11                                      | 25                                      | 55                          | IP55      | 16 | 05166714 | 156,124 |
| MVP        | 3             | 06      | 02         | G 2     | DN 50 | 0,37                   | IE2                | 4,5                   | 50                        | 4,5                                     | 25                                      | 60                          | IP55      | 16 | 05166718 | 99,011  |
| MVP        | 3             | 06      | 03         | G 2     | DN 50 | 0,75                   | IE3                | 7                     | 180                       | 7                                       | 25                                      | 55                          | IP55      | 16 | 05166720 | 112,01  |
| MVP        | 3             | 06      | 04         | G 2     | DN 50 | 1,10                   | IE3                | 7                     | 180                       | 7                                       | 25                                      | 55                          | IP55      | 16 | 05166722 | 120,386 |
| MVP        | 3             | 06      | 05         | G 2     | DN 50 | 1,10                   | IE3                | 7                     | 180                       | 7                                       | 25                                      | 55                          | IP55      | 16 | 05166724 | 121,859 |
| MVP        | 3             | 06      | 06         | G 2     | DN 50 | 1,50                   | IE3                | 11                    | 50                        | 11                                      | 25                                      | 55                          | IP55      | 16 | 05166726 | 137,897 |
| MVP        | 3             | 06      | 07         | G 2     | DN 50 | 1,50                   | IE3                | 11                    | 50                        | 11                                      | 25                                      | 55                          | IP55      | 16 | 05166728 | 139,436 |
| MVP        | 3             | 06      | 08         | G 2     | DN 50 | 2,20 (2,00)            | IE3                | 11                    | 30                        | 11                                      | 25                                      | 55                          | IP55      | 16 | 05166730 | 153,815 |
| MVP        | 3             | 06      | 09         | G 2     | DN 50 | 2,20 (2,00)            | IE3                | 11                    | 30                        | 11                                      | 25                                      | 55                          | IP55      | 16 | 05166732 | 155,276 |
| MVP        | 3             | 10      | 01         | G 2     | DN 50 | 0,75                   | IE3                | 7                     | 180                       | 7                                       | 25                                      | 55                          | IP55      | 16 | 05166739 | 145,59  |
| MVP        | 3             | 10      | 02         | G 2     | DN 50 | 0,75                   | IE3                | 7                     | 180                       | 7                                       | 25                                      | 55                          | IP55      | 16 | 05166741 | 146,361 |
| MVP        | 3             | 10      | 03         | G 2     | DN 50 | 1,10                   | IE3                | 7                     | 180                       | 7                                       | 25                                      | 55                          | IP55      | 16 | 05166743 | 156,444 |

| DeltaBasic | Anzahl Pumpen | Movitec | Stufenzahl | DN1   | DN2   | P <sub>N</sub> | Wirkungsgradklasse | I <sub>N</sub> | Schalthäufigkeit | I <sub>min</sub> Überstromschutz | I <sub>max</sub> Überstromschutz | Schalldruckpegel | Schutzart | PN | Mat.-Nr. | [kg]    |
|------------|---------------|---------|------------|-------|-------|----------------|--------------------|----------------|------------------|----------------------------------|----------------------------------|------------------|-----------|----|----------|---------|
|            |               |         |            |       |       | [kW]           |                    | [A]            |                  | [A]                              | [A]                              |                  |           |    |          |         |
| MVP        | 3             | 10      | 04         | G 2   | DN 50 | 1,50           | IE3                | 11             | 50               | 11                               | 25                               | 55               | IP55      | 16 | 05166745 | 173,391 |
| MVP        | 3             | 10      | 05         | G 2   | DN 50 | 2,20 (2,00)    | IE3                | 11             | 30               | 11                               | 25                               | 55               | IP55      | 16 | 05166747 | 189,015 |
| MVP        | 3             | 15      | 01         | DN 65 | DN 65 | 1,10           | IE3                | 7              | 180              | 1,8                              | 25                               | 55               | IP55      | 16 | 05168423 | 170,93  |
| MVP        | 3             | 15      | 02         | DN 65 | DN 65 | 2,20 (2,00)    | IE3                | 11             | 30               | 1,8                              | 25                               | 55               | IP55      | 16 | 05168425 | 201,89  |

**DeltaBasic SVP, Zulaufverhältnis M**


**Abb. 4:** Zulaufverhältnisse Ausführung M (Mains) = unmittelbarer Anschluss (Druckerhöhungsanlage ist saugseitig an die kommunale Wasserversorgung angeschlossen)

SVP = Druckregelung mit Drehzahlregelung und KSB SuPremE-Motor

3 × 400 V ± 10 %

Trockenlaufschutz = Drucksensor

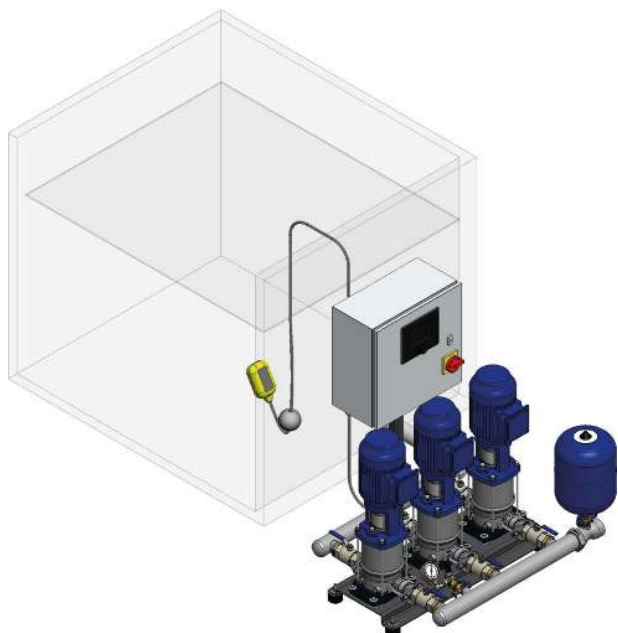
**Tabelle 8:** 50 Hz

| DeltaBasic | Anzahl Pumpen | Movitec | Stufenzahl | DN1     | DN2     | P <sub>N</sub><br>[kW] | Wirkungsgradklasse | I <sub>N</sub><br>[A] | Schalthäufigkeit<br>[x/h] | I <sub>min</sub> Überstromschutz<br>[A] | I <sub>max</sub> Überstromschutz<br>[A] | Schalldruckpegel<br>[dB(A)] | Schutzart | PN | Mat.-Nr. | [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 | 72,46  |
| SVP        | 2             | 02      | 03         | G 1 1/2 | G 1 1/2 | 0,37                   | IE5                | 1,3                   | -                         | 3,8                                     | 25                                      | 70                          | IP55      | 16 | 48281331 | 73,35  |
| SVP        | 2             | 02      | 04         | G 1 1/2 | G 1 1/2 | 0,37                   | IE5                | 1,3                   | -                         | 3,8                                     | 25                                      | 70                          | IP55      | 16 | 48281332 | 74,28  |
| SVP        | 2             | 02      | 05         | G 1 1/2 | G 1 1/2 | 0,55                   | IE5                | 1,8                   | -                         | 5                                       | 25                                      | 70                          | IP55      | 16 | 48278545 | 75,21  |
| SVP        | 2             | 02      | 06         | G 1 1/2 | G 1 1/2 | 0,55                   | IE5                | 1,8                   | -                         | 5                                       | 25                                      | 70                          | IP55      | 16 | 48281333 | 76,14  |
| SVP        | 2             | 02      | 07         | G 1 1/2 | G 1 1/2 | 0,55                   | IE5                | 1,8                   | -                         | 5                                       | 25                                      | 70                          | IP55      | 16 | 48281334 | 77,02  |
| SVP        | 2             | 02      | 08         | G 1 1/2 | G 1 1/2 | 0,75                   | IE5                | 2,5                   | -                         | 6,4                                     | 25                                      | 70                          | IP55      | 16 | 48278546 | 78,44  |
| SVP        | 2             | 02      | 09         | G 1 1/2 | G 1 1/2 | 0,75                   | IE5                | 2,5                   | -                         | 6,4                                     | 25                                      | 70                          | IP55      | 16 | 48281335 | 82,56  |
| SVP        | 2             | 02      | 10         | G 1 1/2 | G 1 1/2 | 0,75                   | IE5                | 2,5                   | -                         | 6,4                                     | 25                                      | 70                          | IP55      | 16 | 48278547 | 83,52  |
| SVP        | 2             | 02      | 11         | G 1 1/2 | G 1 1/2 | 1,10                   | IE5                | 3,5                   | -                         | 8,4                                     | 25                                      | 70                          | IP55      | 16 | 48281336 | 88,45  |
| SVP        | 2             | 02      | 12         | G 1 1/2 | G 1 1/2 | 1,10                   | IE5                | 3,5                   | -                         | 8,4                                     | 25                                      | 70                          | IP55      | 16 | 48281337 | 89,4   |
| SVP        | 2             | 02      | 14         | G 1 1/2 | G 1 1/2 | 1,10                   | IE5                | 3,5                   | -                         | 8,4                                     | 25                                      | 70                          | IP55      | 16 | 48278548 | 91,73  |
| SVP        | 2             | 04      | 02         | G 1 1/2 | G 1 1/2 | 0,37                   | IE5                | 1,3                   | -                         | 3,8                                     | 25                                      | 70                          | IP55      | 16 | 48278549 | 72,3   |
| SVP        | 2             | 04      | 03         | G 1 1/2 | G 1 1/2 | 0,55                   | IE5                | 1,8                   | -                         | 5                                       | 25                                      | 70                          | IP55      | 16 | 48281341 | 73,11  |
| SVP        | 2             | 04      | 04         | G 1 1/2 | G 1 1/2 | 0,75                   | IE5                | 2,5                   | -                         | 6,4                                     | 25                                      | 70                          | IP55      | 16 | 48278550 | 73,96  |
| SVP        | 2             | 04      | 05         | G 1 1/2 | G 1 1/2 | 0,75                   | IE5                | 2,5                   | -                         | 6,4                                     | 25                                      | 70                          | IP55      | 16 | 48278551 | 77,96  |
| SVP        | 2             | 04      | 06         | G 1 1/2 | G 1 1/2 | 1,10                   | IE5                | 3,5                   | -                         | 8,4                                     | 25                                      | 70                          | IP55      | 16 | 48281342 | 82,82  |
| SVP        | 2             | 04      | 07         | G 1 1/2 | G 1 1/2 | 1,10                   | IE5                | 3,5                   | -                         | 8,4                                     | 25                                      | 70                          | IP55      | 16 | 48278552 | 84,11  |
| SVP        | 2             | 04      | 08         | G 1 1/2 | G 1 1/2 | 1,50                   | IE5                | 4,9                   | -                         | 8,9                                     | 25                                      | 70                          | IP55      | 16 | 48281343 | 91,82  |
| SVP        | 2             | 04      | 09         | G 1 1/2 | G 1 1/2 | 1,50                   | IE5                | 4,9                   | -                         | 8,9                                     | 25                                      | 70                          | IP55      | 16 | 48281344 | 92,72  |
| SVP        | 2             | 04      | 10         | G 1 1/2 | G 1 1/2 | 1,50                   | IE5                | 4,9                   | -                         | 8,9                                     | 25                                      | 70                          | IP55      | 16 | 48278553 | 93,6   |
| SVP        | 2             | 04      | 11         | G 1 1/2 | G 1 1/2 | 2,20                   | IE5                | 6                     | -                         | 12,8                                    | 25                                      | 70                          | IP55      | 16 | 48281345 | 103,93 |

| DeltaBasic | Anzahl Pumpen | Movitec | Stufenzahl | DN1     | DN2     | P <sub>N</sub><br>[kW] | Wirkungsgradklasse | I <sub>N</sub><br>[A] | Schalthäufigkeit<br>[x/h] | I <sub>min</sub> Überstromschutz<br>[A] | I <sub>max</sub> Überstromschutz<br>[A] | Schalldruckpegel<br>[dB(A)] | Schutzart | PN | Mat.-Nr. | [kg]   |
|------------|---------------|---------|------------|---------|---------|------------------------|--------------------|-----------------------|---------------------------|-----------------------------------------|-----------------------------------------|-----------------------------|-----------|----|----------|--------|
| SVP        | 2             | 04      | 12         | G 1 1/2 | G 1 1/2 | 2,20                   | IE5                | 6                     | -                         | 12,8                                    | 25                                      | 70                          | IP55      | 16 | 48281346 | 104,8  |
| SVP        | 2             | 06      | 02         | G 1 1/2 | G 1 1/2 | 0,55                   | IE5                | 1,8                   | -                         | 5                                       | 25                                      | 70                          | IP55      | 16 | 48278555 | 74,8   |
| SVP        | 2             | 06      | 03         | G 1 1/2 | G 1 1/2 | 0,75                   | IE5                | 2,5                   | -                         | 6,4                                     | 25                                      | 70                          | IP55      | 16 | 48278556 | 78,89  |
| SVP        | 2             | 06      | 04         | G 1 1/2 | G 1 1/2 | 1,10                   | IE5                | 3,5                   | -                         | 8,4                                     | 25                                      | 70                          | IP55      | 16 | 48281348 | 83,87  |
| SVP        | 2             | 06      | 05         | G 1 1/2 | G 1 1/2 | 1,10                   | IE5                | 3,5                   | -                         | 8,4                                     | 25                                      | 70                          | IP55      | 16 | 48278557 | 84,85  |
| SVP        | 2             | 06      | 06         | G 1 1/2 | G 1 1/2 | 1,50                   | IE5                | 4,9                   | -                         | 8,9                                     | 25                                      | 70                          | IP55      | 16 | 48281349 | 93,13  |
| SVP        | 2             | 06      | 07         | G 1 1/2 | G 1 1/2 | 1,50                   | IE5                | 4,9                   | -                         | 8,9                                     | 25                                      | 70                          | IP55      | 16 | 48278558 | 94,15  |
| SVP        | 2             | 06      | 08         | G 1 1/2 | G 1 1/2 | 2,20                   | IE5                | 6                     | -                         | 12,8                                    | 25                                      | 70                          | IP55      | 16 | 48281350 | 104,14 |
| SVP        | 2             | 06      | 09         | G 1 1/2 | G 1 1/2 | 2,20                   | IE5                | 6                     | -                         | 12,8                                    | 25                                      | 70                          | IP55      | 16 | 48281351 | 105,11 |
| SVP        | 2             | 06      | 10         | G 1 1/2 | G 1 1/2 | 2,20                   | IE5                | 6                     | -                         | 12,8                                    | 25                                      | 70                          | IP55      | 16 | 48278559 | 106,61 |
| SVP        | 2             | 06      | 11         | G 1 1/2 | G 1 1/2 | 3,00                   | IE5                | 8                     | -                         | 16,3                                    | 25                                      | 71                          | IP55      | 16 | 48281352 | 120,7  |
| SVP        | 2             | 06      | 12         | G 1 1/2 | G 1 1/2 | 3,00                   | IE5                | 8                     | -                         | 16,3                                    | 25                                      | 71                          | IP55      | 16 | 48281353 | 121,69 |
| SVP        | 2             | 10      | 01         | G 2     | G 2     | 0,75                   | IE5                | 2,5                   | -                         | 6,4                                     | 25                                      | 70                          | IP55      | 16 | 48281355 | 101,19 |
| SVP        | 2             | 10      | 02         | G 2     | G 2     | 0,75                   | IE5                | 2,5                   | -                         | 6,4                                     | 25                                      | 70                          | IP55      | 16 | 48278561 | 101,71 |
| SVP        | 2             | 10      | 03         | G 2     | G 2     | 1,10                   | IE5                | 3,5                   | -                         | 8,4                                     | 25                                      | 70                          | IP55      | 16 | 48278562 | 107,99 |
| SVP        | 2             | 10      | 04         | G 2     | G 2     | 1,50                   | IE5                | 4,9                   | -                         | 8,9                                     | 25                                      | 70                          | IP55      | 16 | 48278563 | 116,71 |
| SVP        | 2             | 10      | 05         | G 2     | G 2     | 2,20                   | IE5                | 6                     | -                         | 12,8                                    | 25                                      | 70                          | IP55      | 16 | 48281356 | 127,53 |
| SVP        | 2             | 10      | 06         | G 2     | G 2     | 2,20                   | IE5                | 6                     | -                         | 12,8                                    | 25                                      | 70                          | IP55      | 16 | 48278564 | 129,34 |
| SVP        | 2             | 10      | 07         | G 2     | G 2     | 3,00                   | IE5                | 8                     | -                         | 16,3                                    | 25                                      | 71                          | IP55      | 16 | 48281357 | 144,89 |
| SVP        | 2             | 10      | 08         | G 2     | G 2     | 3,00                   | IE5                | 8                     | -                         | 16,3                                    | 25                                      | 71                          | IP55      | 16 | 48278565 | 146,76 |
| SVP        | 2             | 10      | 09         | G 2     | G 2     | 4,00                   | IE5                | 10                    | -                         | 16,6                                    | 25                                      | 71                          | IP55      | 16 | 48281358 | 171,4  |
| SVP        | 2             | 10      | 10         | G 2     | G 2     | 4,00                   | IE5                | 10                    | -                         | 16,6                                    | 25                                      | 71                          | IP55      | 16 | 48281359 | 176,87 |
| SVP        | 2             | 15      | 01         | DN 65   | DN 65   | 1,10                   | IE5                | 3,5                   | -                         | 8,4                                     | 25                                      | 70                          | IP55      | 16 | 48245722 | 125    |
| SVP        | 2             | 15      | 02         | DN 65   | DN 65   | 2,20                   | IE5                | 6                     | -                         | 12,8                                    | 25                                      | 70                          | IP55      | 16 | 48245724 | 143    |
| SVP        | 2             | 15      | 03         | DN 65   | DN 65   | 3,00                   | IE5                | 8                     | -                         | 16,3                                    | 25                                      | 71                          | IP55      | 16 | 48245725 | 159    |
| SVP        | 2             | 15      | 04         | DN 65   | DN 65   | 4,00                   | IE5                | 10                    | -                         | 16,6                                    | 25                                      | 71                          | IP55      | 16 | 48245726 | 187    |
| SVP        | 2             | 15      | 05         | DN 65   | DN 65   | 5,50                   | IE5                | 14                    | -                         | 25,2                                    | 40                                      | 71                          | IP55      | 16 | 48245727 | 239    |
| SVP        | 2             | 15      | 06         | DN 65   | DN 65   | 7,50                   | IE5                | 18                    | -                         | 31,8                                    | 40                                      | 71                          | IP55      | 16 | 48245728 | 262    |
| SVP        | 2             | 15      | 07         | DN 65   | DN 65   | 7,50                   | IE5                | 18                    | -                         | 31,8                                    | 40                                      | 71                          | IP55      | 16 | 48245729 | 264    |
| SVP        | 3             | 02      | 02         | G 1 1/2 | G 1 1/2 | 0,37                   | IE5                | 1,3                   | -                         | 5,2                                     | 25                                      | 70                          | IP55      | 16 | 48281558 | 101,07 |
| SVP        | 3             | 02      | 03         | G 1 1/2 | G 1 1/2 | 0,37                   | IE5                | 1,3                   | -                         | 5,2                                     | 25                                      | 70                          | IP55      | 16 | 48281559 | 102,41 |
| SVP        | 3             | 02      | 04         | G 1 1/2 | G 1 1/2 | 0,37                   | IE5                | 1,3                   | -                         | 5,2                                     | 25                                      | 70                          | IP55      | 16 | 48281560 | 103,8  |
| SVP        | 3             | 02      | 05         | G 1 1/2 | G 1 1/2 | 0,55                   | IE5                | 1,8                   | -                         | 7                                       | 25                                      | 70                          | IP55      | 16 | 48278572 | 105,19 |
| SVP        | 3             | 02      | 06         | G 1 1/2 | G 1 1/2 | 0,55                   | IE5                | 1,8                   | -                         | 7                                       | 25                                      | 70                          | IP55      | 16 | 48281561 | 106,59 |
| SVP        | 3             | 02      | 07         | G 1 1/2 | G 1 1/2 | 0,55                   | IE5                | 1,8                   | -                         | 7                                       | 25                                      | 70                          | IP55      | 16 | 48281562 | 107,92 |
| SVP        | 3             | 02      | 08         | G 1 1/2 | G 1 1/2 | 0,75                   | IE5                | 2,5                   | -                         | 9,1                                     | 25                                      | 70                          | IP55      | 16 | 48278573 | 109,8  |
| SVP        | 3             | 02      | 09         | G 1 1/2 | G 1 1/2 | 0,75                   | IE5                | 2,5                   | -                         | 9,1                                     | 25                                      | 70                          | IP55      | 16 | 48281563 | 115,99 |
| SVP        | 3             | 02      | 10         | G 1 1/2 | G 1 1/2 | 0,75                   | IE5                | 2,5                   | -                         | 9,1                                     | 25                                      | 70                          | IP55      | 16 | 48278574 | 117,42 |
| SVP        | 3             | 02      | 11         | G 1 1/2 | G 1 1/2 | 1,10                   | IE5                | 3,5                   | -                         | 12,1                                    | 25                                      | 70                          | IP55      | 16 | 48281564 | 124,83 |
| SVP        | 3             | 02      | 12         | G 1 1/2 | G 1 1/2 | 1,10                   | IE5                | 3,5                   | -                         | 12,1                                    | 25                                      | 70                          | IP55      | 16 | 48281565 | 126,24 |
| SVP        | 3             | 02      | 14         | G 1 1/2 | G 1 1/2 | 1,10                   | IE5                | 3,5                   | -                         | 12,1                                    | 25                                      | 70                          | IP55      | 16 | 48278575 | 129,49 |
| SVP        | 3             | 04      | 02         | G 1 1/2 | G 1 1/2 | 0,37                   | IE5                | 1,3                   | -                         | 5,2                                     | 25                                      | 70                          | IP55      | 16 | 48278576 | 100,83 |
| SVP        | 3             | 04      | 03         | G 1 1/2 | G 1 1/2 | 0,55                   | IE5                | 1,8                   | -                         | 7                                       | 25                                      | 70                          | IP55      | 16 | 48281569 | 102,05 |
| SVP        | 3             | 04      | 04         | G 1 1/2 | G 1 1/2 | 0,75                   | IE5                | 2,5                   | -                         | 9,1                                     | 25                                      | 70                          | IP55      | 16 | 48278577 | 103,33 |
| SVP        | 3             | 04      | 05         | G 1 1/2 | G 1 1/2 | 0,75                   | IE5                | 2,5                   | -                         | 9,1                                     | 25                                      | 70                          | IP55      | 16 | 48278578 | 109,33 |
| SVP        | 3             | 04      | 06         | G 1 1/2 | G 1 1/2 | 1,10                   | IE5                | 3,5                   | -                         | 12,1                                    | 25                                      | 70                          | IP55      | 16 | 48281570 | 116,61 |
| SVP        | 3             | 04      | 07         | G 1 1/2 | G 1 1/2 | 1,10                   | IE5                | 3,5                   | -                         | 12,1                                    | 25                                      | 70                          | IP55      | 16 | 48278579 | 118,3  |
| SVP        | 3             | 04      | 08         | G 1 1/2 | G 1 1/2 | 1,50                   | IE5                | 4,9                   | -                         | 12,8                                    | 25                                      | 70                          | IP55      | 16 | 48281571 | 129,87 |
| SVP        | 3             | 04      | 09         | G 1 1/2 | G 1 1/2 | 1,50                   | IE5                | 4,9                   | -                         | 12,8                                    | 25                                      | 70                          | IP55      | 16 | 48281572 | 131,22 |
| SVP        | 3             | 04      | 10         | G 1 1/2 | G 1 1/2 | 1,50                   | IE5                | 4,9                   | -                         | 12,8                                    | 25                                      | 70                          | IP55      | 16 | 48278580 | 132,54 |
| SVP        | 3             | 04      | 11         | G 1 1/2 | G 1 1/2 | 2,20                   | IE5                | 6                     | -                         | 18,6                                    | 25                                      | 70                          | IP55      | 16 | 48281573 | 147,8  |
| SVP        | 3             | 04      | 12         | G 1 1/2 | G 1 1/2 | 2,20                   | IE5                | 6                     | -                         | 18,6                                    | 25                                      | 70                          | IP55      | 16 | 48281574 | 149,1  |

| DeltaBasic | Anzahl Pumpen | Movitec | Stufenzahl | DN1     | DN2     | P <sub>N</sub><br>[kW] | Wirkungsgradklasse | I <sub>N</sub><br>[A] | Schalthäufigkeit<br>[x/h] | I <sub>min</sub> Überstromschutz<br>[A] | I <sub>max</sub> Überstromschutz<br>[A] | Schalldruckpegel<br>[dB(A)] | Schutzart | PN | Mat.-Nr. | [kg]   |
|------------|---------------|---------|------------|---------|---------|------------------------|--------------------|-----------------------|---------------------------|-----------------------------------------|-----------------------------------------|-----------------------------|-----------|----|----------|--------|
| SVP        | 3             | 06      | 02         | G 2     | G 2     | 0,55                   | IE5                | 1,8                   | -                         | 7                                       | 25                                      | 70                          | IP55      | 16 | 48278582 | 105,82 |
| SVP        | 3             | 06      | 03         | G 2     | G 2     | 0,75                   | IE5                | 2,5                   | -                         | 9,1                                     | 25                                      | 70                          | IP55      | 16 | 48278583 | 111,95 |
| SVP        | 3             | 06      | 04         | G 2     | G 2     | 1,10                   | IE5                | 3,5                   | -                         | 12,1                                    | 25                                      | 70                          | IP55      | 16 | 48281576 | 119,43 |
| SVP        | 3             | 06      | 05         | G 2     | G 2     | 1,10                   | IE5                | 3,5                   | -                         | 12,1                                    | 25                                      | 70                          | IP55      | 16 | 48278584 | 120,9  |
| SVP        | 3             | 06      | 06         | G 2     | G 2     | 1,50                   | IE5                | 4,9                   | -                         | 12,8                                    | 25                                      | 70                          | IP55      | 16 | 48281577 | 133,08 |
| SVP        | 3             | 06      | 07         | G 2     | G 2     | 1,50                   | IE5                | 4,9                   | -                         | 12,8                                    | 25                                      | 70                          | IP55      | 16 | 48278585 | 134,61 |
| SVP        | 3             | 06      | 08         | G 2     | G 2     | 2,20                   | IE5                | 6                     | -                         | 18,6                                    | 25                                      | 70                          | IP55      | 16 | 48281578 | 149,59 |
| SVP        | 3             | 06      | 09         | G 2     | G 2     | 2,20                   | IE5                | 6                     | -                         | 18,6                                    | 25                                      | 70                          | IP55      | 16 | 48281579 | 151,05 |
| SVP        | 3             | 06      | 10         | G 2     | G 2     | 2,20                   | IE5                | 6                     | -                         | 18,6                                    | 25                                      | 70                          | IP55      | 16 | 48278586 | 153,05 |
| SVP        | 3             | 06      | 11         | G 2     | G 2     | 3,00                   | IE5                | 8                     | -                         | 24                                      | 25                                      | 71                          | IP55      | 16 | 48281580 | 174,19 |
| SVP        | 3             | 06      | 12         | G 2     | G 2     | 3,00                   | IE5                | 8                     | -                         | 24                                      | 25                                      | 71                          | IP55      | 16 | 48281581 | 175,67 |
| SVP        | 3             | 10      | 01         | G 2     | G 2     | 0,75                   | IE5                | 2,5                   | -                         | 9,1                                     | 25                                      | 70                          | IP55      | 16 | 48281583 | 144,69 |
| SVP        | 3             | 10      | 02         | G 2     | G 2     | 0,75                   | IE5                | 2,5                   | -                         | 9,1                                     | 25                                      | 70                          | IP55      | 16 | 48278588 | 145,46 |
| SVP        | 3             | 10      | 03         | G 2     | G 2     | 1,10                   | IE5                | 3,5                   | -                         | 12,1                                    | 25                                      | 70                          | IP55      | 16 | 48278589 | 154,64 |
| SVP        | 3             | 10      | 04         | G 2     | G 2     | 1,50                   | IE5                | 4,9                   | -                         | 12,8                                    | 25                                      | 70                          | IP55      | 16 | 48278590 | 167,72 |
| SVP        | 3             | 10      | 05         | G 2     | G 2     | 2,20                   | IE5                | 6                     | -                         | 18,6                                    | 25                                      | 70                          | IP55      | 16 | 48281584 | 183,95 |
| SVP        | 3             | 10      | 06         | G 2     | G 2     | 2,20                   | IE5                | 6                     | -                         | 18,6                                    | 25                                      | 70                          | IP55      | 16 | 48278591 | 186,67 |
| SVP        | 3             | 10      | 07         | G 2     | G 2     | 3,00                   | IE5                | 8                     | -                         | 24                                      | 25                                      | 71                          | IP55      | 16 | 48281585 | 209,76 |
| SVP        | 3             | 10      | 08         | G 2     | G 2     | 3,00                   | IE5                | 8                     | -                         | 24                                      | 25                                      | 71                          | IP55      | 16 | 48278592 | 212,56 |
| SVP        | 3             | 10      | 09         | G 2     | G 2     | 4,00                   | IE5                | 10                    | -                         | 24,4                                    | 25                                      | 71                          | IP55      | 16 | 48281586 | 249,52 |
| SVP        | 3             | 10      | 10         | G 2     | G 2     | 4,00                   | IE5                | 10                    | -                         | 24,4                                    | 25                                      | 71                          | IP55      | 16 | 48281587 | 255,95 |
| SVP        | 3             | 15      | 01         | DN 65   | DN 65   | 1,10                   | IE5                | 3,5                   | -                         | 12,1                                    | 25                                      | 70                          | IP55      | 16 | 48245731 | 177    |
| SVP        | 3             | 15      | 02         | DN 65   | DN 65   | 2,20                   | IE5                | 6                     | -                         | 18,6                                    | 25                                      | 70                          | IP55      | 16 | 48245733 | 203    |
| SVP        | 3             | 15      | 03         | DN 65   | DN 65   | 3,00                   | IE5                | 8                     | -                         | 24                                      | 25                                      | 71                          | IP55      | 16 | 48245734 | 227    |
| SVP        | 3             | 15      | 04         | DN 65   | DN 65   | 4,00                   | IE5                | 10                    | -                         | 24,4                                    | 25                                      | 71                          | IP55      | 16 | 48245735 | 268    |
| SVP        | 3             | 15      | 05         | DN 65   | DN 65   | 5,50                   | IE5                | 14                    | -                         | 37,3                                    | 40                                      | 71                          | IP55      | 16 | 48245736 | 346    |
| SVP        | 3             | 15      | 06         | DN 65   | DN 65   | 7,50                   | IE5                | 18                    | -                         | 47,1                                    | 50                                      | 71                          | IP55      | 16 | 48245737 | 379    |
| SVP        | 3             | 15      | 07         | DN 65   | DN 65   | 7,50                   | IE5                | 18                    | -                         | 47,1                                    | 50                                      | 71                          | IP55      | 16 | 48245738 | 383    |
| SVP        | 4             | 02      | 02         | G 1 1/2 | G 1 1/2 | 0,37                   | IE5                | 1,3                   | -                         | 6,6                                     | 25                                      | 70                          | IP55      | 16 | 48281760 | 132,68 |
| SVP        | 4             | 02      | 03         | G 1 1/2 | G 1 1/2 | 0,37                   | IE5                | 1,3                   | -                         | 6,6                                     | 25                                      | 70                          | IP55      | 16 | 48281761 | 134,46 |
| SVP        | 4             | 02      | 04         | G 1 1/2 | G 1 1/2 | 0,37                   | IE5                | 1,3                   | -                         | 6,6                                     | 25                                      | 70                          | IP55      | 16 | 48281762 | 136,32 |
| SVP        | 4             | 02      | 05         | G 1 1/2 | G 1 1/2 | 0,55                   | IE5                | 1,8                   | -                         | 9                                       | 25                                      | 70                          | IP55      | 16 | 48276279 | 138,17 |
| SVP        | 4             | 02      | 06         | G 1 1/2 | G 1 1/2 | 0,55                   | IE5                | 1,8                   | -                         | 9                                       | 25                                      | 70                          | IP55      | 16 | 48281763 | 140,04 |
| SVP        | 4             | 02      | 07         | G 1 1/2 | G 1 1/2 | 0,55                   | IE5                | 1,8                   | -                         | 9                                       | 25                                      | 70                          | IP55      | 16 | 48281764 | 141,81 |
| SVP        | 4             | 02      | 08         | G 1 1/2 | G 1 1/2 | 0,75                   | IE5                | 2,5                   | -                         | 11,8                                    | 25                                      | 70                          | IP55      | 16 | 48276280 | 144,15 |
| SVP        | 4             | 02      | 09         | G 1 1/2 | G 1 1/2 | 0,75                   | IE5                | 2,5                   | -                         | 11,8                                    | 25                                      | 70                          | IP55      | 16 | 48281765 | 152,41 |
| SVP        | 4             | 02      | 10         | G 1 1/2 | G 1 1/2 | 0,75                   | IE5                | 2,5                   | -                         | 11,8                                    | 25                                      | 70                          | IP55      | 16 | 48276281 | 154,32 |
| SVP        | 4             | 02      | 11         | G 1 1/2 | G 1 1/2 | 1,10                   | IE5                | 3,5                   | -                         | 15,8                                    | 25                                      | 70                          | IP55      | 16 | 48281766 | 164,19 |
| SVP        | 4             | 02      | 12         | G 1 1/2 | G 1 1/2 | 1,10                   | IE5                | 3,5                   | -                         | 15,8                                    | 25                                      | 70                          | IP55      | 16 | 48281767 | 166,07 |
| SVP        | 4             | 02      | 14         | G 1 1/2 | G 1 1/2 | 1,10                   | IE5                | 3,5                   | -                         | 15,8                                    | 25                                      | 70                          | IP55      | 16 | 48276282 | 170,25 |
| SVP        | 4             | 04      | 02         | G 1 1/2 | G 1 1/2 | 0,37                   | IE5                | 1,3                   | -                         | 6,6                                     | 25                                      | 70                          | IP55      | 16 | 48276283 | 132,36 |
| SVP        | 4             | 04      | 03         | G 1 1/2 | G 1 1/2 | 0,55                   | IE5                | 1,8                   | -                         | 9                                       | 25                                      | 70                          | IP55      | 16 | 48281771 | 133,98 |
| SVP        | 4             | 04      | 04         | G 1 1/2 | G 1 1/2 | 0,75                   | IE5                | 2,5                   | -                         | 11,8                                    | 25                                      | 70                          | IP55      | 16 | 48276284 | 135,69 |
| SVP        | 4             | 04      | 05         | G 1 1/2 | G 1 1/2 | 0,75                   | IE5                | 2,5                   | -                         | 11,8                                    | 25                                      | 70                          | IP55      | 16 | 48276285 | 143,69 |
| SVP        | 4             | 04      | 06         | G 1 1/2 | G 1 1/2 | 1,10                   | IE5                | 3,5                   | -                         | 15,8                                    | 25                                      | 70                          | IP55      | 16 | 48281772 | 153,4  |
| SVP        | 4             | 04      | 07         | G 1 1/2 | G 1 1/2 | 1,10                   | IE5                | 3,5                   | -                         | 15,8                                    | 25                                      | 70                          | IP55      | 16 | 48276286 | 155,49 |
| SVP        | 4             | 04      | 08         | G 1 1/2 | G 1 1/2 | 1,50                   | IE5                | 4,9                   | -                         | 16,7                                    | 25                                      | 70                          | IP55      | 16 | 48281773 | 170,92 |
| SVP        | 4             | 04      | 09         | G 1 1/2 | G 1 1/2 | 1,50                   | IE5                | 4,9                   | -                         | 16,7                                    | 25                                      | 70                          | IP55      | 16 | 48281774 | 172,72 |
| SVP        | 4             | 04      | 10         | G 1 1/2 | G 1 1/2 | 1,50                   | IE5                | 4,9                   | -                         | 16,7                                    | 25                                      | 70                          | IP55      | 16 | 48276287 | 174,47 |
| SVP        | 4             | 04      | 11         | G 1 1/2 | G 1 1/2 | 2,20                   | IE5                | 6                     | -                         | 24,5                                    | 25                                      | 70                          | IP55      | 16 | 48281775 | 194,66 |
| SVP        | 4             | 04      | 12         | G 1 1/2 | G 1 1/2 | 2,20                   | IE5                | 6                     | -                         | 24,5                                    | 25                                      | 70                          | IP55      | 16 | 48281776 | 196,39 |
| SVP        | 4             | 06      | 02         | G 2     | G 2     | 0,55                   | IE5                | 1,8                   | -                         | 9                                       | 25                                      | 70                          | IP55      | 16 | 48276289 | 138,9  |

| DeltaBasic | Anzahl Pumpen | Movitec | Stufenzahl | DN1    | DN2    | P <sub>N</sub> | Wirkungsgradklasse | I <sub>N</sub> | Schalthäufigkeit | I <sub>min</sub> Überstromschutz | I <sub>max</sub> Überstromschutz | Schalldruckpegel | Schutzart | PN | Mat.-Nr. | [kg]   |
|------------|---------------|---------|------------|--------|--------|----------------|--------------------|----------------|------------------|----------------------------------|----------------------------------|------------------|-----------|----|----------|--------|
|            |               |         |            |        |        | [kW]           |                    | [A]            | [x/h]            | [A]                              | [A]                              | [dB(A)]          |           |    |          |        |
| SVP        | 4             | 06      | 03         | G 2    | G 2    | 0,75           | IE5                | 2,5            | -                | 11,8                             | 25                               | 70               | IP55      | 16 | 48276290 | 147,08 |
| SVP        | 4             | 06      | 04         | G 2    | G 2    | 1,10           | IE5                | 3,5            | -                | 15,8                             | 25                               | 70               | IP55      | 16 | 48281778 | 157,05 |
| SVP        | 4             | 06      | 05         | G 2    | G 2    | 1,10           | IE5                | 3,5            | -                | 15,8                             | 25                               | 70               | IP55      | 16 | 48276291 | 159,01 |
| SVP        | 4             | 06      | 06         | G 2    | G 2    | 1,50           | IE5                | 4,9            | -                | 16,7                             | 25                               | 70               | IP55      | 16 | 48281779 | 175,08 |
| SVP        | 4             | 06      | 07         | G 2    | G 2    | 1,50           | IE5                | 4,9            | -                | 16,7                             | 25                               | 70               | IP55      | 16 | 48276292 | 177,14 |
| SVP        | 4             | 06      | 08         | G 2    | G 2    | 2,20           | IE5                | 6              | -                | 24,5                             | 25                               | 70               | IP55      | 16 | 48281780 | 197,11 |
| SVP        | 4             | 06      | 09         | G 2    | G 2    | 2,20           | IE5                | 6              | -                | 24,5                             | 25                               | 70               | IP55      | 16 | 48281781 | 199,06 |
| SVP        | 4             | 06      | 10         | G 2    | G 2    | 2,20           | IE5                | 6              | -                | 24,5                             | 25                               | 70               | IP55      | 16 | 48276293 | 201,56 |
| SVP        | 4             | 06      | 11         | G 2    | G 2    | 3,00           | IE5                | 8              | -                | 31,7                             | 40                               | 71               | IP55      | 16 | 48281782 | 229,75 |
| SVP        | 4             | 06      | 12         | G 2    | G 2    | 3,00           | IE5                | 8              | -                | 31,7                             | 40                               | 71               | IP55      | 16 | 48281783 | 231,72 |
| SVP        | 4             | 10      | 01         | DN 65  | DN 65  | 0,75           | IE5                | 2,5            | -                | 11,8                             | 25                               | 70               | IP55      | 16 | 48281785 | 194,18 |
| SVP        | 4             | 10      | 02         | DN 65  | DN 65  | 0,75           | IE5                | 2,5            | -                | 11,8                             | 25                               | 70               | IP55      | 16 | 48276295 | 195,21 |
| SVP        | 4             | 10      | 03         | DN 65  | DN 65  | 1,10           | IE5                | 3,5            | -                | 15,8                             | 25                               | 70               | IP55      | 16 | 48276296 | 207,3  |
| SVP        | 4             | 10      | 04         | DN 65  | DN 65  | 1,50           | IE5                | 4,9            | -                | 16,7                             | 25                               | 70               | IP55      | 16 | 48276297 | 224,74 |
| SVP        | 4             | 10      | 05         | DN 65  | DN 65  | 2,20           | IE5                | 6              | -                | 24,5                             | 25                               | 70               | IP55      | 16 | 48281786 | 246,37 |
| SVP        | 4             | 10      | 06         | DN 65  | DN 65  | 2,20           | IE5                | 6              | -                | 24,5                             | 25                               | 70               | IP55      | 16 | 48276298 | 250    |
| SVP        | 4             | 10      | 07         | DN 65  | DN 65  | 3,00           | IE5                | 8              | -                | 31,7                             | 40                               | 71               | IP55      | 16 | 48281787 | 280,62 |
| SVP        | 4             | 10      | 08         | DN 65  | DN 65  | 3,00           | IE5                | 8              | -                | 31,7                             | 40                               | 71               | IP55      | 16 | 48276299 | 284,36 |
| SVP        | 4             | 10      | 09         | DN 65  | DN 65  | 4,00           | IE5                | 10             | -                | 32,2                             | 40                               | 71               | IP55      | 16 | 48281788 | 333,64 |
| SVP        | 4             | 10      | 10         | DN 65  | DN 65  | 4,00           | IE5                | 10             | -                | 32,2                             | 40                               | 71               | IP55      | 16 | 48281789 | 341,03 |
| SVP        | 4             | 15      | 01         | DN 100 | DN 100 | 1,10           | IE5                | 3,5            | -                | 15,8                             | 25                               | 70               | IP55      | 16 | 48245739 | 234    |
| SVP        | 4             | 15      | 02         | DN 100 | DN 100 | 2,20           | IE5                | 6              | -                | 24,5                             | 25                               | 70               | IP55      | 16 | 48245740 | 269    |
| SVP        | 4             | 15      | 03         | DN 100 | DN 100 | 3,00           | IE5                | 8              | -                | 31,7                             | 40                               | 71               | IP55      | 16 | 48245741 | 301    |
| SVP        | 4             | 15      | 04         | DN 100 | DN 100 | 4,00           | IE5                | 10             | -                | 32,2                             | 40                               | 71               | IP55      | 16 | 48245742 | 354    |
| SVP        | 4             | 15      | 05         | DN 100 | DN 100 | 5,50           | IE5                | 14             | -                | 49,4                             | 50                               | 71               | IP55      | 16 | 48245743 | 457    |
| SVP        | 4             | 15      | 06         | DN 100 | DN 100 | 7,50           | IE5                | 18             | -                | 62,5                             | 63                               | 71               | IP55      | 16 | 48245744 | 502    |
| SVP        | 4             | 15      | 07         | DN 100 | DN 100 | 7,50           | IE5                | 18             | -                | 62,5                             | 63                               | 71               | IP55      | 16 | 48245745 | 507    |

**DeltaBasic SVP, Zulaufverhältnis F**


**Abb. 5:** Zulaufverhältnisse Ausführung F (Flooded) = mittelbarer Anschluss (Druckerhöhungsanlage mit Vorlagebehälter auf Pumpenebene)

Hinweis: Vorlagebehälter und Schwimmerschalter nicht im Standardlieferumfang enthalten. Als Zubehör erhältlich.

SVP = Druckregelung mit Drehzahlregelung und KSB SuPremE-Motor

3 × 400 V ± 10 %

**Tabelle 9:** 50 Hz

| DeltaBasic | Anzahl Pumpen | Movitec | Stufenzahl | DN1     | DN2   | P <sub>N</sub><br>[kW] | Wirkungsgradklasse | I <sub>N</sub><br>[A] | Schalthäufigkeit<br>[x/h] | I <sub>min</sub> Überstromschutz<br>[A] | I <sub>max</sub> Überstromschutz<br>[A] | Schalldruckpegel<br>[dB(A)] | Schutzart | PN | Mat.-Nr. | [kg]    |
|------------|---------------|---------|------------|---------|-------|------------------------|--------------------|-----------------------|---------------------------|-----------------------------------------|-----------------------------------------|-----------------------------|-----------|----|----------|---------|
| SVP        | 2             | 02      | 02         | G 1 1/2 | DN 40 | 0,37                   | IE5                | 1,3                   | -                         | 3,8                                     | 25                                      | 70                          | IP55      | 16 | 05166573 | 81,069  |
| SVP        | 2             | 02      | 03         | G 1 1/2 | DN 40 | 0,37                   | IE5                | 1,3                   | -                         | 3,8                                     | 25                                      | 70                          | IP55      | 16 | 05166575 | 81,959  |
| SVP        | 2             | 02      | 04         | G 1 1/2 | DN 40 | 0,37                   | IE5                | 1,3                   | -                         | 3,8                                     | 25                                      | 70                          | IP55      | 16 | 05166577 | 82,891  |
| SVP        | 2             | 02      | 05         | G 1 1/2 | DN 40 | 0,55                   | IE5                | 1,8                   | -                         | 5                                       | 25                                      | 70                          | IP55      | 16 | 05166579 | 83,817  |
| SVP        | 2             | 02      | 06         | G 1 1/2 | DN 40 | 0,55                   | IE5                | 1,8                   | -                         | 5                                       | 25                                      | 70                          | IP55      | 16 | 05166581 | 84,751  |
| SVP        | 2             | 02      | 07         | G 1 1/2 | DN 40 | 0,55                   | IE5                | 1,8                   | -                         | 5                                       | 25                                      | 70                          | IP55      | 16 | 05166583 | 85,635  |
| SVP        | 2             | 02      | 08         | G 1 1/2 | DN 40 | 0,75                   | IE5                | 2,5                   | -                         | 6,4                                     | 25                                      | 70                          | IP55      | 16 | 05166585 | 87,127  |
| SVP        | 2             | 02      | 09         | G 1 1/2 | DN 40 | 0,75                   | IE5                | 2,5                   | -                         | 6,4                                     | 25                                      | 70                          | IP55      | 16 | 05166587 | 91,255  |
| SVP        | 2             | 02      | 10         | G 1 1/2 | DN 40 | 0,75                   | IE5                | 2,5                   | -                         | 6,4                                     | 25                                      | 70                          | IP55      | 16 | 05166589 | 92,211  |
| SVP        | 2             | 02      | 11         | G 1 1/2 | DN 40 | 1,10                   | IE5                | 3,5                   | -                         | 8,4                                     | 25                                      | 70                          | IP55      | 16 | 05166591 | 97,145  |
| SVP        | 2             | 02      | 12         | G 1 1/2 | DN 40 | 1,10                   | IE5                | 3,5                   | -                         | 8,4                                     | 25                                      | 70                          | IP55      | 16 | 05166593 | 98,087  |
| SVP        | 2             | 02      | 14         | G 1 1/2 | DN 40 | 1,10                   | IE5                | 3,5                   | -                         | 8,4                                     | 25                                      | 70                          | IP55      | 16 | 05166595 | 100,417 |
| SVP        | 2             | 02      | 16         | G 1 1/2 | DN 40 | 1,50                   | IE5                | 4,9                   | -                         | 8,9                                     | 25                                      | 70                          | IP55      | 16 | 05166597 | 109,081 |
| SVP        | 2             | 02      | 18         | G 1 1/2 | DN 40 | 1,50                   | IE5                | 4,9                   | -                         | 8,9                                     | 25                                      | 70                          | IP55      | 16 | 05166599 | 110,939 |
| SVP        | 2             | 04      | 02         | G 1 1/2 | DN 40 | 0,37                   | IE5                | 1,3                   | -                         | 3,8                                     | 25                                      | 70                          | IP55      | 16 | 05166603 | 80,909  |
| SVP        | 2             | 04      | 03         | G 1 1/2 | DN 40 | 0,55                   | IE5                | 1,8                   | -                         | 5                                       | 25                                      | 70                          | IP55      | 16 | 05166605 | 81,721  |
| SVP        | 2             | 04      | 04         | G 1 1/2 | DN 40 | 0,75                   | IE5                | 2,5                   | -                         | 6,4                                     | 25                                      | 70                          | IP55      | 16 | 05166607 | 82,655  |
| SVP        | 2             | 04      | 05         | G 1 1/2 | DN 40 | 0,75                   | IE5                | 2,5                   | -                         | 6,4                                     | 25                                      | 70                          | IP55      | 16 | 05166609 | 86,655  |
| SVP        | 2             | 04      | 06         | G 1 1/2 | DN 40 | 1,10                   | IE5                | 3,5                   | -                         | 8,4                                     | 25                                      | 70                          | IP55      | 16 | 05166611 | 91,511  |
| SVP        | 2             | 04      | 07         | G 1 1/2 | DN 40 | 1,10                   | IE5                | 3,5                   | -                         | 8,4                                     | 25                                      | 70                          | IP55      | 16 | 05166613 | 92,797  |
| SVP        | 2             | 04      | 08         | G 1 1/2 | DN 40 | 1,50                   | IE5                | 4,9                   | -                         | 8,9                                     | 25                                      | 70                          | IP55      | 16 | 05166615 | 100,431 |
| SVP        | 2             | 04      | 09         | G 1 1/2 | DN 40 | 1,50                   | IE5                | 4,9                   | -                         | 8,9                                     | 25                                      | 70                          | IP55      | 16 | 05166617 | 101,329 |
| SVP        | 2             | 04      | 10         | G 1 1/2 | DN 40 | 1,50                   | IE5                | 4,9                   | -                         | 8,9                                     | 25                                      | 70                          | IP55      | 16 | 05166619 | 102,207 |
| SVP        | 2             | 04      | 11         | G 1 1/2 | DN 40 | 2,20                   | IE5                | 6                     | -                         | 12,8                                    | 25                                      | 70                          | IP55      | 16 | 05166621 | 111,597 |
| SVP        | 2             | 04      | 12         | G 1 1/2 | DN 40 | 2,20                   | IE5                | 6                     | -                         | 12,8                                    | 25                                      | 70                          | IP55      | 16 | 05166623 | 112,461 |
| SVP        | 2             | 04      | 14         | G 1 1/2 | DN 40 | 2,20                   | IE5                | 6                     | -                         | 12,8                                    | 25                                      | 70                          | IP55      | 16 | 05166624 | 114,155 |
| SVP        | 2             | 04      | 16         | G 1 1/2 | DN 40 | 3,00                   | IE5                | 8                     | -                         | 16,3                                    | 25                                      | 71                          | IP55      | 16 | 05166625 | 128,997 |
| SVP        | 2             | 06      | 02         | G 1 1/2 | DN 40 | 0,55                   | IE5                | 1,8                   | -                         | 5                                       | 25                                      | 70                          | IP55      | 16 | 05166627 | 81,017  |

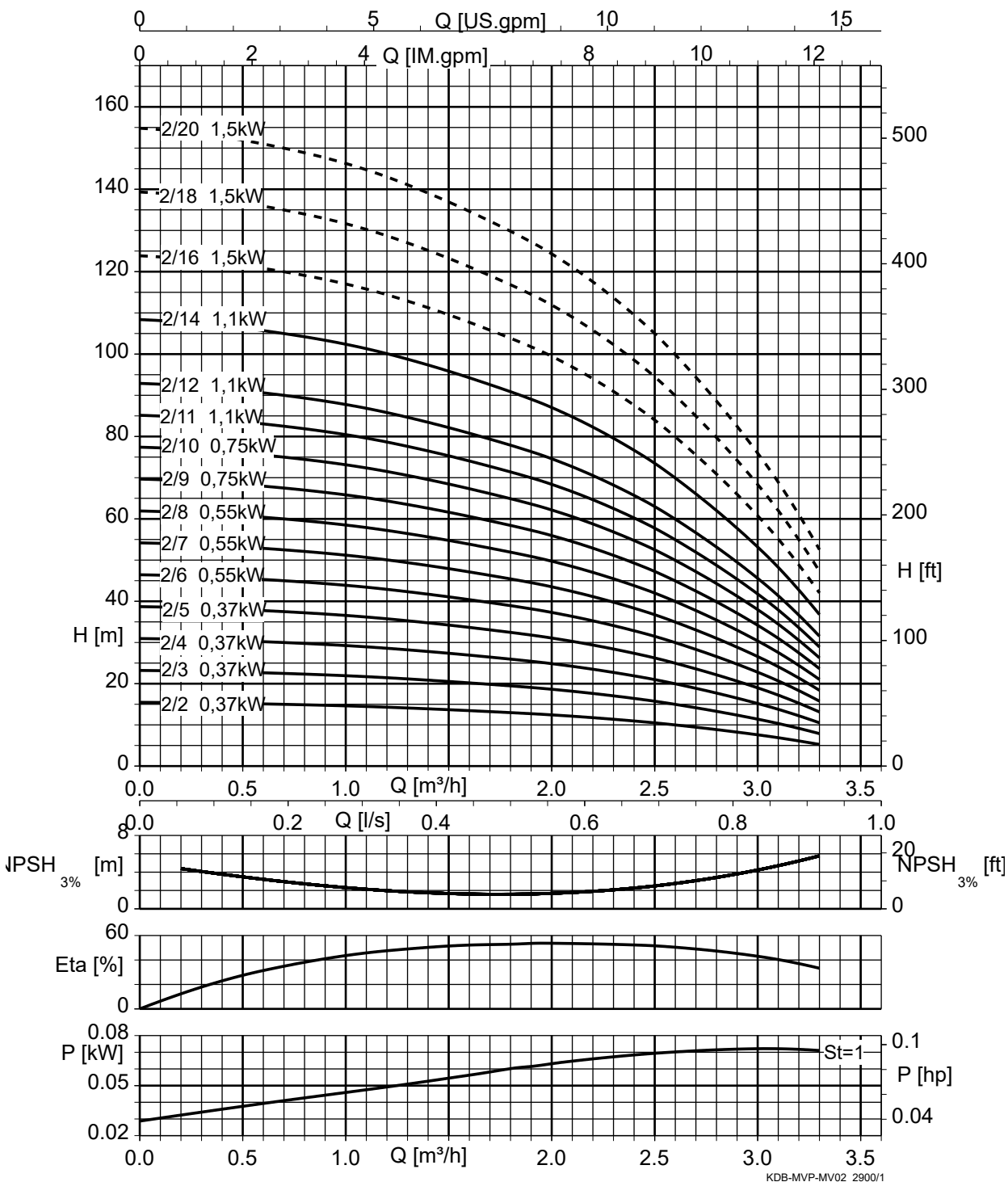
| DeltaBasic | Anzahl Pumpen | Movitec | Stufenzahl | DN1     | DN2   | P <sub>N</sub><br>[kW] | Wirkungsgradklasse | I <sub>N</sub><br>[A] | Schalzhäufigkeit<br>[x/h] | I <sub>min</sub> Überstromschutz<br>[A] | I <sub>max</sub> Überstromschutz<br>[A] | Schalldruckpegel<br>[dB(A)] | Schutzart | PN | Mat.-Nr. | [kg]    |
|------------|---------------|---------|------------|---------|-------|------------------------|--------------------|-----------------------|---------------------------|-----------------------------------------|-----------------------------------------|-----------------------------|-----------|----|----------|---------|
| SVP        | 2             | 06      | 03         | G 1 1/2 | DN 40 | 0,75                   | IE5                | 2,5                   | -                         | 6,4                                     | 25                                      | 70                          | IP55      | 16 | 05166629 | 85,187  |
| SVP        | 2             | 06      | 04         | G 1 1/2 | DN 40 | 1,10                   | IE5                | 3,5                   | -                         | 8,4                                     | 25                                      | 70                          | IP55      | 16 | 05166631 | 90,171  |
| SVP        | 2             | 06      | 05         | G 1 1/2 | DN 40 | 1,10                   | IE5                | 3,5                   | -                         | 8,4                                     | 25                                      | 70                          | IP55      | 16 | 05166633 | 91,153  |
| SVP        | 2             | 06      | 06         | G 1 1/2 | DN 40 | 1,50                   | IE5                | 4,9                   | -                         | 8,9                                     | 25                                      | 70                          | IP55      | 16 | 05166635 | 99,349  |
| SVP        | 2             | 06      | 07         | G 1 1/2 | DN 40 | 1,50                   | IE5                | 4,9                   | -                         | 8,9                                     | 25                                      | 70                          | IP55      | 16 | 05166637 | 100,375 |
| SVP        | 2             | 06      | 08         | G 1 1/2 | DN 40 | 2,20                   | IE5                | 6                     | -                         | 12,8                                    | 25                                      | 70                          | IP55      | 16 | 05166639 | 109,415 |
| SVP        | 2             | 06      | 09         | G 1 1/2 | DN 40 | 2,20                   | IE5                | 6                     | -                         | 12,8                                    | 25                                      | 70                          | IP55      | 16 | 05166641 | 110,389 |
| SVP        | 2             | 06      | 10         | G 1 1/2 | DN 40 | 2,20                   | IE5                | 6                     | -                         | 12,8                                    | 25                                      | 70                          | IP55      | 16 | 05166642 | 111,881 |
| SVP        | 2             | 06      | 11         | G 1 1/2 | DN 40 | 3,00                   | IE5                | 8                     | -                         | 16,3                                    | 25                                      | 71                          | IP55      | 16 | 05166643 | 125,975 |
| SVP        | 2             | 06      | 12         | G 1 1/2 | DN 40 | 3,00                   | IE5                | 8                     | -                         | 16,3                                    | 25                                      | 71                          | IP55      | 16 | 05166644 | 126,961 |
| SVP        | 2             | 06      | 14         | G 1 1/2 | DN 40 | 3,00                   | IE5                | 8                     | -                         | 16,3                                    | 25                                      | 71                          | IP55      | 16 | 05166645 | 128,925 |
| SVP        | 2             | 10      | 01         | G 2     | DN 50 | 0,75                   | IE5                | 2,5                   | -                         | 6,4                                     | 25                                      | 70                          | IP55      | 16 | 05166648 | 108,577 |
| SVP        | 2             | 10      | 02         | G 2     | DN 50 | 0,75                   | IE5                | 2,5                   | -                         | 6,4                                     | 25                                      | 70                          | IP55      | 16 | 05166650 | 109,091 |
| SVP        | 2             | 10      | 03         | G 2     | DN 50 | 1,10                   | IE5                | 3,5                   | -                         | 8,4                                     | 25                                      | 70                          | IP55      | 16 | 05166652 | 115,373 |
| SVP        | 2             | 10      | 04         | G 2     | DN 50 | 1,50                   | IE5                | 4,9                   | -                         | 8,9                                     | 25                                      | 70                          | IP55      | 16 | 05166654 | 124,015 |
| SVP        | 2             | 10      | 05         | G 2     | DN 50 | 2,20                   | IE5                | 6                     | -                         | 12,8                                    | 25                                      | 70                          | IP55      | 16 | 05166656 | 133,885 |
| SVP        | 2             | 10      | 06         | G 2     | DN 50 | 2,20                   | IE5                | 6                     | -                         | 12,8                                    | 25                                      | 70                          | IP55      | 16 | 05166657 | 135,697 |
| SVP        | 2             | 10      | 07         | G 2     | DN 50 | 3,00                   | IE5                | 8                     | -                         | 16,3                                    | 25                                      | 71                          | IP55      | 16 | 05166658 | 151,251 |
| SVP        | 2             | 10      | 08         | G 2     | DN 50 | 3,00                   | IE5                | 8                     | -                         | 16,3                                    | 25                                      | 71                          | IP55      | 16 | 05166659 | 153,117 |
| SVP        | 2             | 10      | 09         | G 2     | DN 50 | 4,00                   | IE5                | 10                    | -                         | 16,6                                    | 25                                      | 71                          | IP55      | 16 | 05166660 | 177,757 |
| SVP        | 2             | 10      | 10         | G 2     | DN 50 | 4,00                   | IE5                | 10                    | -                         | 16,6                                    | 25                                      | 71                          | IP55      | 16 | 05166661 | 183,229 |
| SVP        | 2             | 10      | 11         | G 2     | DN 50 | 4,00                   | IE5                | 10                    | -                         | 16,6                                    | 25                                      | 71                          | IP55      | 16 | 05166662 | 185,147 |
| SVP        | 2             | 10      | 13         | G 2     | DN 50 | 5,50                   | IE5                | 14                    | -                         | 25,2                                    | 40                                      | 71                          | IP55      | 16 | 05166663 | 225,796 |
| SVP        | 2             | 15      | 01         | DN 65   | DN 65 | 1,10                   | IE5                | 3,5                   | -                         | 1,3                                     | 25                                      | 70                          | IP55      | 16 | 05168415 | 125,489 |
| SVP        | 2             | 15      | 02         | DN 65   | DN 65 | 2,20                   | IE5                | 6                     | -                         | 1,3                                     | 25                                      | 70                          | IP55      | 16 | 05168417 | 143,095 |
| SVP        | 2             | 15      | 03         | DN 65   | DN 65 | 3,00                   | IE5                | 8                     | -                         | 4,5                                     | 25                                      | 71                          | IP55      | 16 | 05168418 | 151,717 |
| SVP        | 2             | 15      | 04         | DN 65   | DN 65 | 4,00                   | IE5                | 10                    | -                         | 1,3                                     | 25                                      | 71                          | IP55      | 16 | 05168419 | 183,927 |
| SVP        | 2             | 15      | 05         | DN 65   | DN 65 | 5,50                   | IE5                | 14                    | -                         | 4,5                                     | 40                                      | 71                          | IP55      | 16 | 05168420 | 239,472 |
| SVP        | 2             | 15      | 06         | DN 65   | DN 65 | 7,50                   | IE5                | 18                    | -                         | 1,8                                     | 40                                      | 71                          | IP55      | 16 | 05168421 | 261,93  |
| SVP        | 2             | 15      | 07         | DN 65   | DN 65 | 7,50                   | IE5                | 18                    | -                         | 4,5                                     | 40                                      | 71                          | IP55      | 16 | 05168422 | 264,388 |
| SVP        | 3             | 02      | 02         | G 1 1/2 | DN 40 | 0,37                   | IE5                | 1,3                   | -                         | 5,2                                     | 25                                      | 70                          | IP55      | 16 | 05166665 | 110,488 |
| SVP        | 3             | 02      | 03         | G 1 1/2 | DN 40 | 0,37                   | IE5                | 1,3                   | -                         | 5,2                                     | 25                                      | 70                          | IP55      | 16 | 05166667 | 111,823 |
| SVP        | 3             | 02      | 04         | G 1 1/2 | DN 40 | 0,37                   | IE5                | 1,3                   | -                         | 5,2                                     | 25                                      | 70                          | IP55      | 16 | 05166669 | 113,221 |
| SVP        | 3             | 02      | 05         | G 1 1/2 | DN 40 | 0,55                   | IE5                | 1,8                   | -                         | 7                                       | 25                                      | 70                          | IP55      | 16 | 05166671 | 114,61  |
| SVP        | 3             | 02      | 06         | G 1 1/2 | DN 40 | 0,55                   | IE5                | 1,8                   | -                         | 7                                       | 25                                      | 70                          | IP55      | 16 | 05166673 | 116,011 |
| SVP        | 3             | 02      | 07         | G 1 1/2 | DN 40 | 0,55                   | IE5                | 1,8                   | -                         | 7                                       | 25                                      | 70                          | IP55      | 16 | 05166675 | 117,337 |
| SVP        | 3             | 02      | 08         | G 1 1/2 | DN 40 | 0,75                   | IE5                | 2,5                   | -                         | 9,1                                     | 25                                      | 70                          | IP55      | 16 | 05166677 | 119,335 |
| SVP        | 3             | 02      | 09         | G 1 1/2 | DN 40 | 0,75                   | IE5                | 2,5                   | -                         | 9,1                                     | 25                                      | 70                          | IP55      | 16 | 05166679 | 125,527 |
| SVP        | 3             | 02      | 10         | G 1 1/2 | DN 40 | 0,75                   | IE5                | 2,5                   | -                         | 9,1                                     | 25                                      | 70                          | IP55      | 16 | 05166681 | 126,961 |
| SVP        | 3             | 02      | 11         | G 1 1/2 | DN 40 | 1,10                   | IE5                | 3,5                   | -                         | 12,1                                    | 25                                      | 70                          | IP55      | 16 | 05166683 | 134,23  |
| SVP        | 3             | 02      | 12         | G 1 1/2 | DN 40 | 1,10                   | IE5                | 3,5                   | -                         | 12,1                                    | 25                                      | 70                          | IP55      | 16 | 05166685 | 135,643 |
| SVP        | 3             | 02      | 14         | G 1 1/2 | DN 40 | 1,10                   | IE5                | 3,5                   | -                         | 12,1                                    | 25                                      | 70                          | IP55      | 16 | 05166687 | 138,898 |
| SVP        | 3             | 02      | 16         | G 1 1/2 | DN 40 | 1,50                   | IE5                | 4,9                   | -                         | 12,8                                    | 25                                      | 70                          | IP55      | 16 | 05166689 | 152,014 |
| SVP        | 3             | 02      | 18         | G 1 1/2 | DN 40 | 1,50                   | IE5                | 4,9                   | -                         | 12,8                                    | 25                                      | 70                          | IP55      | 16 | 05166691 | 154,801 |
| SVP        | 3             | 04      | 02         | G 1 1/2 | DN 40 | 0,37                   | IE5                | 1,3                   | -                         | 5,2                                     | 25                                      | 70                          | IP55      | 16 | 05166695 | 110,248 |
| SVP        | 3             | 04      | 03         | G 1 1/2 | DN 40 | 0,55                   | IE5                | 1,8                   | -                         | 7                                       | 25                                      | 70                          | IP55      | 16 | 05166697 | 111,466 |
| SVP        | 3             | 04      | 04         | G 1 1/2 | DN 40 | 0,75                   | IE5                | 2,5                   | -                         | 9,1                                     | 25                                      | 70                          | IP55      | 16 | 05166699 | 112,867 |
| SVP        | 3             | 04      | 05         | G 1 1/2 | DN 40 | 0,75                   | IE5                | 2,5                   | -                         | 9,1                                     | 25                                      | 70                          | IP55      | 16 | 05166701 | 118,867 |
| SVP        | 3             | 04      | 06         | G 1 1/2 | DN 40 | 1,10                   | IE5                | 3,5                   | -                         | 12,1                                    | 25                                      | 70                          | IP55      | 16 | 05166703 | 126,019 |
| SVP        | 3             | 04      | 07         | G 1 1/2 | DN 40 | 1,10                   | IE5                | 3,5                   | -                         | 12,1                                    | 25                                      | 70                          | IP55      | 16 | 05166705 | 127,708 |
| SVP        | 3             | 04      | 08         | G 1 1/2 | DN 40 | 1,50                   | IE5                | 4,9                   | -                         | 12,8                                    | 25                                      | 70                          | IP55      | 16 | 05166707 | 139,279 |
| SVP        | 3             | 04      | 09         | G 1 1/2 | DN 40 | 1,50                   | IE5                | 4,9                   | -                         | 12,8                                    | 25                                      | 70                          | IP55      | 16 | 05166709 | 140,626 |
| SVP        | 3             | 04      | 10         | G 1 1/2 | DN 40 | 1,50                   | IE5                | 4,9                   | -                         | 12,8                                    | 25                                      | 70                          | IP55      | 16 | 05166711 | 141,943 |
| SVP        | 3             | 04      | 11         | G 1 1/2 | DN 40 | 2,20                   | IE5                | 6                     | -                         | 18,6                                    | 25                                      | 70                          | IP55      | 16 | 05166713 | 155,79  |
| SVP        | 3             | 04      | 12         | G 1 1/2 | DN 40 | 2,20                   | IE5                | 6                     | -                         | 18,6                                    | 25                                      | 70                          | IP55      | 16 | 05166715 | 157,086 |
| SVP        | 3             | 04      | 14         | G 1 1/2 | DN 40 | 2,20                   | IE5                | 6                     | -                         | 18,6                                    | 25                                      | 70                          | IP55      | 16 | 05166716 | 159,627 |
| SVP        | 3             | 04      | 16         | G 1 1/2 | DN 40 | 3,00                   | IE5                | 8                     | -                         | 24                                      | 25                                      | 71                          | IP55      | 16 | 05166717 | 182,478 |
| SVP        | 3             | 06      | 02         | G 2     | DN 50 | 0,55                   | IE5                | 1,8                   | -                         | 7                                       | 25                                      | 70                          | IP55      | 16 | 05166719 | 112,43  |

| DeltaBasic | Anzahl Pumpen | Movitec | Stufenzahl | DN1     | DN2   | P <sub>N</sub><br>[kW] | Wirkungsgradklasse | I <sub>N</sub><br>[A] | Schalzhäufigkeit<br>[x/h] | I <sub>min</sub> Überstromschutz<br>[A] | I <sub>max</sub> Überstromschutz<br>[A] | Schalldruckpegel<br>[dB(A)] | Schutzart | PN | Mat.-Nr. | [kg]    |
|------------|---------------|---------|------------|---------|-------|------------------------|--------------------|-----------------------|---------------------------|-----------------------------------------|-----------------------------------------|-----------------------------|-----------|----|----------|---------|
| SVP        | 3             | 06      | 03         | G 2     | DN 50 | 0,75                   | IE5                | 2,5                   | -                         | 9,1                                     | 25                                      | 70                          | IP55      | 16 | 05166721 | 118,685 |
| SVP        | 3             | 06      | 04         | G 2     | DN 50 | 1,10                   | IE5                | 3,5                   | -                         | 12,1                                    | 25                                      | 70                          | IP55      | 16 | 05166723 | 126,029 |
| SVP        | 3             | 06      | 05         | G 2     | DN 50 | 1,10                   | IE5                | 3,5                   | -                         | 12,1                                    | 25                                      | 70                          | IP55      | 16 | 05166725 | 127,502 |
| SVP        | 3             | 06      | 06         | G 2     | DN 50 | 1,50                   | IE5                | 4,9                   | -                         | 12,8                                    | 25                                      | 70                          | IP55      | 16 | 05166727 | 139,676 |
| SVP        | 3             | 06      | 07         | G 2     | DN 50 | 1,50                   | IE5                | 4,9                   | -                         | 12,8                                    | 25                                      | 70                          | IP55      | 16 | 05166729 | 154,777 |
| SVP        | 3             | 06      | 08         | G 2     | DN 50 | 2,20                   | IE5                | 6                     | -                         | 18,6                                    | 25                                      | 70                          | IP55      | 16 | 05166731 | 154,777 |
| SVP        | 3             | 06      | 09         | G 2     | DN 50 | 2,20                   | IE5                | 6                     | -                         | 18,6                                    | 25                                      | 70                          | IP55      | 16 | 05166733 | 156,238 |
| SVP        | 3             | 06      | 10         | G 2     | DN 50 | 2,20                   | IE5                | 6                     | -                         | 18,6                                    | 25                                      | 70                          | IP55      | 16 | 05166734 | 158,236 |
| SVP        | 3             | 06      | 11         | G 2     | DN 50 | 3,00                   | IE5                | 8                     | -                         | 24                                      | 25                                      | 71                          | IP55      | 16 | 05166735 | 179,965 |
| SVP        | 3             | 06      | 12         | G 2     | DN 50 | 3,00                   | IE5                | 8                     | -                         | 24                                      | 25                                      | 71                          | IP55      | 16 | 05166736 | 181,444 |
| SVP        | 3             | 06      | 14         | G 2     | DN 50 | 3,00                   | IE5                | 8                     | -                         | 24                                      | 25                                      | 71                          | IP55      | 16 | 05166737 | 184,39  |
| SVP        | 3             | 10      | 01         | G 2     | DN 50 | 0,75                   | IE5                | 2,5                   | -                         | 9,1                                     | 25                                      | 70                          | IP55      | 16 | 05166740 | 152,265 |
| SVP        | 3             | 10      | 02         | G 2     | DN 50 | 0,75                   | IE5                | 2,5                   | -                         | 9,1                                     | 25                                      | 70                          | IP55      | 16 | 05166742 | 153,036 |
| SVP        | 3             | 10      | 03         | G 2     | DN 50 | 1,10                   | IE5                | 3,5                   | -                         | 12,1                                    | 25                                      | 70                          | IP55      | 16 | 05166744 | 162,087 |
| SVP        | 3             | 10      | 04         | G 2     | DN 50 | 1,50                   | IE5                | 4,9                   | -                         | 12,8                                    | 25                                      | 70                          | IP55      | 16 | 05166746 | 175,17  |
| SVP        | 3             | 10      | 05         | G 2     | DN 50 | 2,20                   | IE5                | 6                     | -                         | 18,6                                    | 25                                      | 70                          | IP55      | 16 | 05166748 | 189,977 |
| SVP        | 3             | 10      | 06         | G 2     | DN 50 | 2,20                   | IE5                | 6                     | -                         | 18,6                                    | 25                                      | 70                          | IP55      | 16 | 05166749 | 192,695 |
| SVP        | 3             | 10      | 07         | G 2     | DN 50 | 3,00                   | IE5                | 8                     | -                         | 24                                      | 25                                      | 71                          | IP55      | 16 | 05166750 | 216,374 |
| SVP        | 3             | 10      | 08         | G 2     | DN 50 | 3,00                   | IE5                | 8                     | -                         | 24                                      | 25                                      | 71                          | IP55      | 16 | 05166751 | 219,173 |
| SVP        | 3             | 10      | 09         | G 2     | DN 50 | 4,00                   | IE5                | 10                    | -                         | 24,4                                    | 25                                      | 71                          | IP55      | 16 | 05166752 | 256,133 |
| SVP        | 3             | 10      | 10         | G 2     | DN 50 | 4,00                   | IE5                | 10                    | -                         | 24,4                                    | 25                                      | 71                          | IP55      | 16 | 05166753 | 262,566 |
| SVP        | 3             | 10      | 11         | G 2     | DN 50 | 4,00                   | IE5                | 10                    | -                         | 24,4                                    | 25                                      | 71                          | IP55      | 16 | 05166754 | 265,443 |
| SVP        | 3             | 10      | 13         | G 2     | DN 50 | 5,50                   | IE5                | 14                    | -                         | 37,3                                    | 40                                      | 71                          | IP55      | 16 | 05166755 | 326,086 |
| SVP        | 3             | 15      | 01         | DN 65   | DN 65 | 1,10                   | IE5                | 3,5                   | -                         | 4,5                                     | 25                                      | 70                          | IP55      | 16 | 05168424 | 176,561 |
| SVP        | 3             | 15      | 02         | DN 65   | DN 65 | 2,20                   | IE5                | 6                     | -                         | 4,5                                     | 25                                      | 70                          | IP55      | 16 | 05168426 | 202,852 |
| SVP        | 3             | 15      | 03         | DN 65   | DN 65 | 3,00                   | IE5                | 8                     | -                         | 2,5                                     | 25                                      | 71                          | IP55      | 16 | 05168427 | 227,281 |
| SVP        | 3             | 15      | 04         | DN 65   | DN 65 | 4,00                   | IE5                | 10                    | -                         | 7                                       | 25                                      | 71                          | IP55      | 16 | 05168428 | 264,448 |
| SVP        | 3             | 15      | 05         | DN 65   | DN 65 | 5,50                   | IE5                | 14                    | -                         | 2,5                                     | 40                                      | 71                          | IP55      | 16 | 05168429 | 345,66  |
| SVP        | 3             | 15      | 06         | DN 65   | DN 65 | 7,50                   | IE5                | 18                    | -                         | 7                                       | 50                                      | 71                          | IP55      | 16 | 05168430 | 379,347 |
| SVP        | 3             | 15      | 07         | DN 65   | DN 65 | 7,50                   | IE5                | 18                    | -                         | 2,5                                     | 50                                      | 71                          | IP55      | 16 | 05168431 | 383,034 |
| SVP        | 4             | 02      | 02         | G 1 1/2 | DN 40 | 0,37                   | IE5                | 1,3                   | -                         | 6,6                                     | 25                                      | 70                          | IP55      | 16 | 05166756 | 142,823 |
| SVP        | 4             | 02      | 03         | G 1 1/2 | DN 40 | 0,37                   | IE5                | 1,3                   | -                         | 6,6                                     | 25                                      | 70                          | IP55      | 16 | 05166757 | 144,603 |
| SVP        | 4             | 02      | 04         | G 1 1/2 | DN 40 | 0,37                   | IE5                | 1,3                   | -                         | 6,6                                     | 25                                      | 70                          | IP55      | 16 | 05166758 | 146,467 |
| SVP        | 4             | 02      | 05         | G 1 1/2 | DN 40 | 0,55                   | IE5                | 1,8                   | -                         | 9                                       | 25                                      | 70                          | IP55      | 16 | 05166759 | 148,319 |
| SVP        | 4             | 02      | 06         | G 1 1/2 | DN 40 | 0,55                   | IE5                | 1,8                   | -                         | 9                                       | 25                                      | 70                          | IP55      | 16 | 05166760 | 150,187 |
| SVP        | 4             | 02      | 07         | G 1 1/2 | DN 40 | 0,55                   | IE5                | 1,8                   | -                         | 9                                       | 25                                      | 70                          | IP55      | 16 | 05166761 | 151,955 |
| SVP        | 4             | 02      | 08         | G 1 1/2 | DN 40 | 0,75                   | IE5                | 2,5                   | -                         | 11,8                                    | 25                                      | 70                          | IP55      | 16 | 05166762 | 154,459 |
| SVP        | 4             | 02      | 09         | G 1 1/2 | DN 40 | 0,75                   | IE5                | 2,5                   | -                         | 11,8                                    | 25                                      | 70                          | IP55      | 16 | 05166763 | 162,715 |
| SVP        | 4             | 02      | 10         | G 1 1/2 | DN 40 | 0,75                   | IE5                | 2,5                   | -                         | 11,8                                    | 25                                      | 70                          | IP55      | 16 | 05166764 | 164,627 |
| SVP        | 4             | 02      | 11         | G 1 1/2 | DN 40 | 1,10                   | IE5                | 3,5                   | -                         | 15,8                                    | 25                                      | 70                          | IP55      | 16 | 05166765 | 174,495 |
| SVP        | 4             | 02      | 12         | G 1 1/2 | DN 40 | 1,10                   | IE5                | 3,5                   | -                         | 15,8                                    | 25                                      | 70                          | IP55      | 16 | 05166766 | 176,379 |
| SVP        | 4             | 02      | 14         | G 1 1/2 | DN 40 | 1,10                   | IE5                | 3,5                   | -                         | 15,8                                    | 25                                      | 70                          | IP55      | 16 | 05166767 | 180,559 |
| SVP        | 4             | 02      | 16         | G 1 1/2 | DN 40 | 1,50                   | IE5                | 4,9                   | -                         | 16,7                                    | 25                                      | 70                          | IP55      | 16 | 05166768 | 197,887 |
| SVP        | 4             | 02      | 18         | G 1 1/2 | DN 40 | 1,50                   | IE5                | 4,9                   | -                         | 16,7                                    | 25                                      | 70                          | IP55      | 16 | 05166769 | 201,603 |
| SVP        | 4             | 04      | 02         | G 1 1/2 | DN 40 | 0,37                   | IE5                | 1,3                   | -                         | 6,6                                     | 25                                      | 70                          | IP55      | 16 | 05166771 | 142,503 |
| SVP        | 4             | 04      | 03         | G 1 1/2 | DN 40 | 0,55                   | IE5                | 1,8                   | -                         | 9                                       | 25                                      | 70                          | IP55      | 16 | 05166772 | 144,127 |
| SVP        | 4             | 04      | 04         | G 1 1/2 | DN 40 | 0,75                   | IE5                | 2,5                   | -                         | 11,8                                    | 25                                      | 70                          | IP55      | 16 | 05166773 | 145,995 |
| SVP        | 4             | 04      | 05         | G 1 1/2 | DN 40 | 0,75                   | IE5                | 2,5                   | -                         | 11,8                                    | 25                                      | 70                          | IP55      | 16 | 05166774 | 153,995 |
| SVP        | 4             | 04      | 06         | G 1 1/2 | DN 40 | 1,10                   | IE5                | 3,5                   | -                         | 15,8                                    | 25                                      | 70                          | IP55      | 16 | 05166775 | 163,707 |
| SVP        | 4             | 04      | 07         | G 1 1/2 | DN 40 | 1,10                   | IE5                | 3,5                   | -                         | 15,8                                    | 25                                      | 70                          | IP55      | 16 | 05166776 | 165,799 |
| SVP        | 4             | 04      | 08         | G 1 1/2 | DN 40 | 1,50                   | IE5                | 4,9                   | -                         | 16,7                                    | 25                                      | 70                          | IP55      | 16 | 05166777 | 181,067 |
| SVP        | 4             | 04      | 09         | G 1 1/2 | DN 40 | 1,50                   | IE5                | 4,9                   | -                         | 16,7                                    | 25                                      | 70                          | IP55      | 16 | 05166778 | 182,863 |
| SVP        | 4             | 04      | 10         | G 1 1/2 | DN 40 | 1,50                   | IE5                | 4,9                   | -                         | 16,7                                    | 25                                      | 70                          | IP55      | 16 | 05166779 | 184,619 |
| SVP        | 4             | 04      | 11         | G 1 1/2 | DN 40 | 2,20                   | IE5                | 6                     | -                         | 24,5                                    | 25                                      | 70                          | IP55      | 16 | 05166780 | 203,474 |
| SVP        | 4             | 04      | 12         | G 1 1/2 | DN 40 | 2,20                   | IE5                | 6                     | -                         | 24,5                                    | 25                                      | 70                          | IP55      | 16 | 05166781 | 205,202 |
| SVP        | 4             | 04      | 14         | G 1 1/2 | DN 40 | 2,20                   | IE5                | 6                     | -                         | 24,5                                    | 25                                      | 70                          | IP55      | 16 | 05166782 | 208,59  |
| SVP        | 4             | 04      | 16         | G 1 1/2 | DN 40 | 3,00                   | IE5                | 8                     | -                         | 31,7                                    | 40                                      | 71                          | IP55      | 16 | 05166783 | 238,274 |
| SVP        | 4             | 06      | 02         | G 2     | DN 50 | 0,55                   | IE5                | 1,8                   | -                         | 9                                       | 25                                      | 70                          | IP55      | 16 | 05166784 | 145,309 |

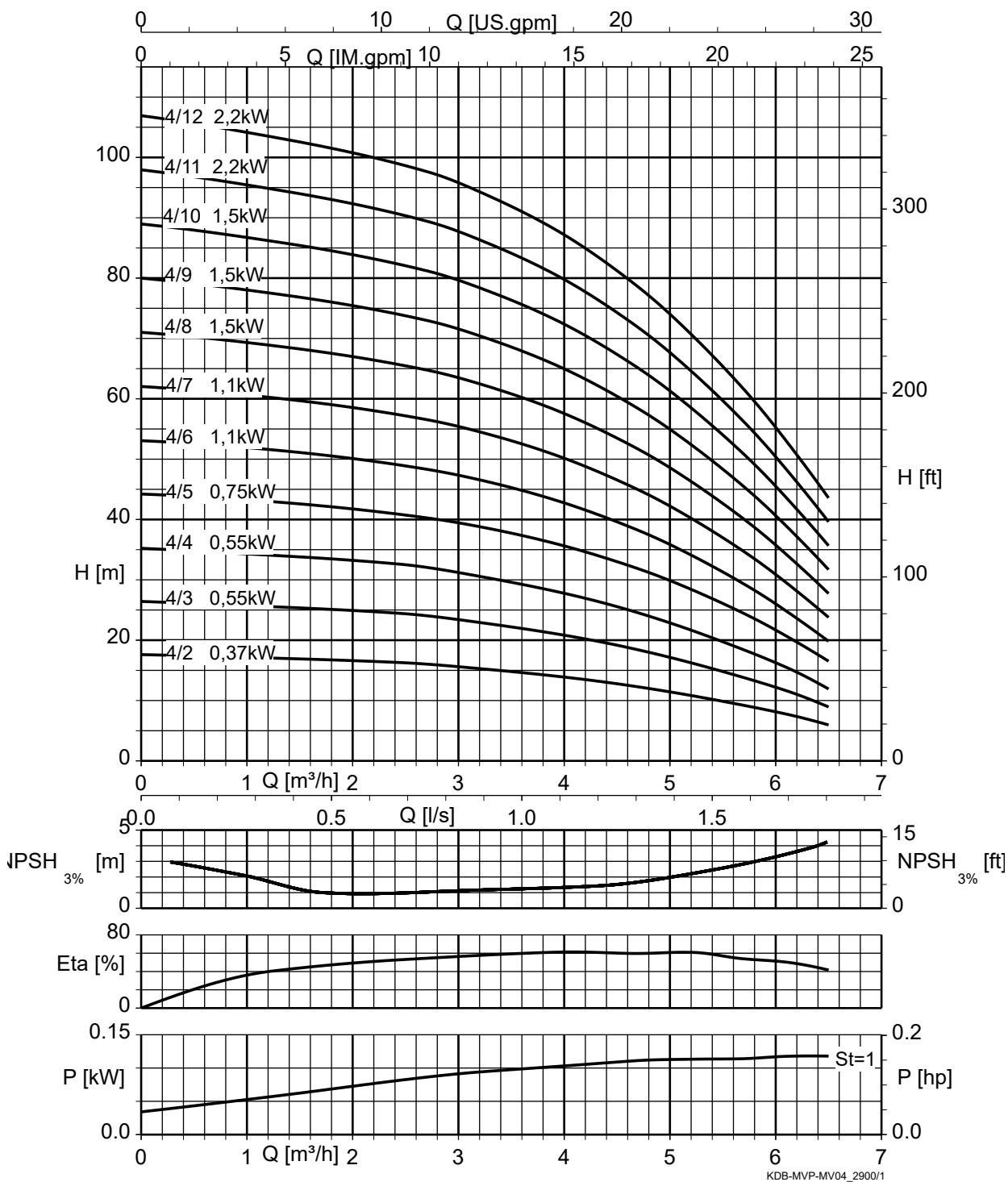
| DeltaBasic | Anzahl Pumpen | Movitec | Stufenzahl | DN1    | DN2    | P <sub>N</sub> |  | Wirkungsgradklasse | I <sub>N</sub> | Schalthäufigkeit | I <sub>min</sub> Überstromschutz | I <sub>max</sub> Überstromschutz | Schalldruckpegel | Schutzart | PN | Mat.-Nr. | [kg]    |
|------------|---------------|---------|------------|--------|--------|----------------|--|--------------------|----------------|------------------|----------------------------------|----------------------------------|------------------|-----------|----|----------|---------|
|            |               |         |            |        |        | [kW]           |  |                    | [A]            | [x/h]            | [A]                              | [A]                              | [dB(A)]          |           |    |          |         |
| SVP        | 4             | 06      | 03         | G 2    | DN 50  | 0,75           |  | IE5                | 2,5            | -                | 11,8                             | 25                               | 70               | IP55      | 16 | 05166785 | 153,649 |
| SVP        | 4             | 06      | 04         | G 2    | DN 50  | 1,10           |  | IE5                | 3,5            | -                | 15,8                             | 25                               | 70               | IP55      | 16 | 05166786 | 163,617 |
| SVP        | 4             | 06      | 05         | G 2    | DN 50  | 1,10           |  | IE5                | 3,5            | -                | 15,8                             | 25                               | 70               | IP55      | 16 | 05166787 | 165,581 |
| SVP        | 4             | 06      | 06         | G 2    | DN 50  | 1,50           |  | IE5                | 4,9            | -                | 16,7                             | 25                               | 70               | IP55      | 16 | 05166788 | 181,493 |
| SVP        | 4             | 06      | 07         | G 2    | DN 50  | 1,50           |  | IE5                | 4,9            | -                | 16,7                             | 25                               | 70               | IP55      | 16 | 05166789 | 183,545 |
| SVP        | 4             | 06      | 08         | G 2    | DN 50  | 2,20           |  | IE5                | 6              | -                | 24,5                             | 25                               | 70               | IP55      | 16 | 05166790 | 202,18  |
| SVP        | 4             | 06      | 09         | G 2    | DN 50  | 2,20           |  | IE5                | 6              | -                | 24,5                             | 25                               | 70               | IP55      | 16 | 05166791 | 204,128 |
| SVP        | 4             | 06      | 10         | G 2    | DN 50  | 2,20           |  | IE5                | 6              | -                | 24,5                             | 25                               | 70               | IP55      | 16 | 05166792 | 206,632 |
| SVP        | 4             | 06      | 11         | G 2    | DN 50  | 3,00           |  | IE5                | 8              | -                | 31,7                             | 40                               | 71               | IP55      | 16 | 05166793 | 234,82  |
| SVP        | 4             | 06      | 12         | G 2    | DN 50  | 3,00           |  | IE5                | 8              | -                | 31,7                             | 40                               | 71               | IP55      | 16 | 05166794 | 236,792 |
| SVP        | 4             | 06      | 14         | G 2    | DN 50  | 3,00           |  | IE5                | 8              | -                | 31,7                             | 40                               | 71               | IP55      | 16 | 05166795 | 240,72  |
| SVP        | 4             | 10      | 01         | DN 65  | DN 65  | 0,75           |  | IE5                | 2,5            | -                | 11,8                             | 25                               | 70               | IP55      | 16 | 05166797 | 201,879 |
| SVP        | 4             | 10      | 02         | DN 65  | DN 65  | 0,75           |  | IE5                | 2,5            | -                | 11,8                             | 25                               | 70               | IP55      | 16 | 05166798 | 202,907 |
| SVP        | 4             | 10      | 03         | DN 65  | DN 65  | 1,10           |  | IE5                | 3,5            | -                | 15,8                             | 25                               | 70               | IP55      | 16 | 05166799 | 214,991 |
| SVP        | 4             | 10      | 04         | DN 65  | DN 65  | 1,50           |  | IE5                | 4,9            | -                | 16,7                             | 25                               | 70               | IP55      | 16 | 05166800 | 232,275 |
| SVP        | 4             | 10      | 05         | DN 65  | DN 65  | 2,20           |  | IE5                | 6              | -                | 24,5                             | 25                               | 70               | IP55      | 16 | 05166801 | 252,57  |
| SVP        | 4             | 10      | 06         | DN 65  | DN 65  | 2,20           |  | IE5                | 6              | -                | 24,5                             | 25                               | 70               | IP55      | 16 | 05166802 | 256,194 |
| SVP        | 4             | 10      | 07         | DN 65  | DN 65  | 3,00           |  | IE5                | 8              | -                | 31,7                             | 40                               | 71               | IP55      | 16 | 05166803 | 286,822 |
| SVP        | 4             | 10      | 08         | DN 65  | DN 65  | 3,00           |  | IE5                | 8              | -                | 31,7                             | 40                               | 71               | IP55      | 16 | 05166804 | 290,554 |
| SVP        | 4             | 10      | 09         | DN 65  | DN 65  | 4,00           |  | IE5                | 10             | -                | 32,2                             | 40                               | 71               | IP55      | 16 | 05166805 | 339,834 |
| SVP        | 4             | 10      | 10         | DN 65  | DN 65  | 4,00           |  | IE5                | 10             | -                | 32,2                             | 40                               | 71               | IP55      | 16 | 05166806 | 347,228 |
| SVP        | 4             | 10      | 11         | DN 65  | DN 65  | 4,00           |  | IE5                | 10             | -                | 32,2                             | 40                               | 71               | IP55      | 16 | 05166807 | 351,064 |
| SVP        | 4             | 10      | 13         | DN 65  | DN 65  | 5,50           |  | IE5                | 14             | -                | 49,4                             | 50                               | 71               | IP55      | 16 | 05166808 | 431,942 |
| SVP        | 4             | 15      | 01         | DN 100 | DN 100 | 1,10           |  | IE5                | 3,5            | -                | 7                                | 25                               | 70               | IP55      | 16 | 05168432 | 233,583 |
| SVP        | 4             | 15      | 02         | DN 100 | DN 100 | 2,20           |  | IE5                | 6              | -                | 3,5                              | 25                               | 70               | IP55      | 16 | 05168433 | 268,87  |
| SVP        | 4             | 15      | 03         | DN 100 | DN 100 | 3,00           |  | IE5                | 8              | -                | 7                                | 40                               | 71               | IP55      | 16 | 05168434 | 300,658 |
| SVP        | 4             | 15      | 04         | DN 100 | DN 100 | 4,00           |  | IE5                | 10             | -                | 3,5                              | 40                               | 71               | IP55      | 16 | 05168435 | 353,604 |
| SVP        | 4             | 15      | 05         | DN 100 | DN 100 | 5,50           |  | IE5                | 14             | -                | 7                                | 50                               | 71               | IP55      | 16 | 05168436 | 457,174 |
| SVP        | 4             | 15      | 06         | DN 100 | DN 100 | 7,50           |  | IE5                | 18             | -                | 3,5                              | 63                               | 71               | IP55      | 16 | 05168437 | 502,09  |
| SVP        | 4             | 15      | 07         | DN 100 | DN 100 | 7,50           |  | IE5                | 18             | -                | 11                               | 63                               | 71               | IP55      | 16 | 05168438 | 507,006 |

# Kennlinien

DeltaBasic MVP, Movitec 02,  $n = 2900 \text{ min}^{-1}$



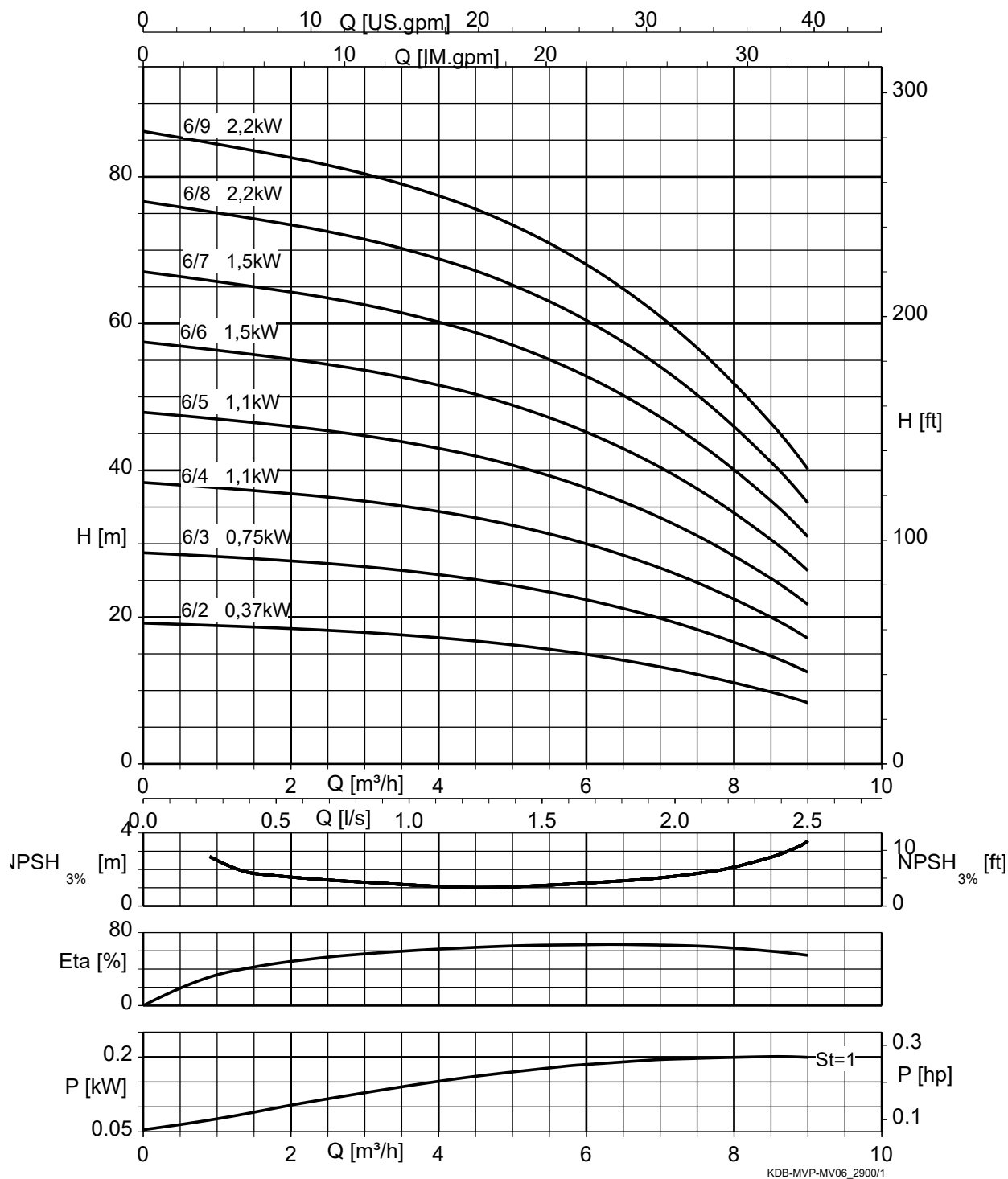
DeltaBasic MVP, Movitec 04,  $n = 2900 \text{ min}^{-1}$



St = 1 | P je Stufe

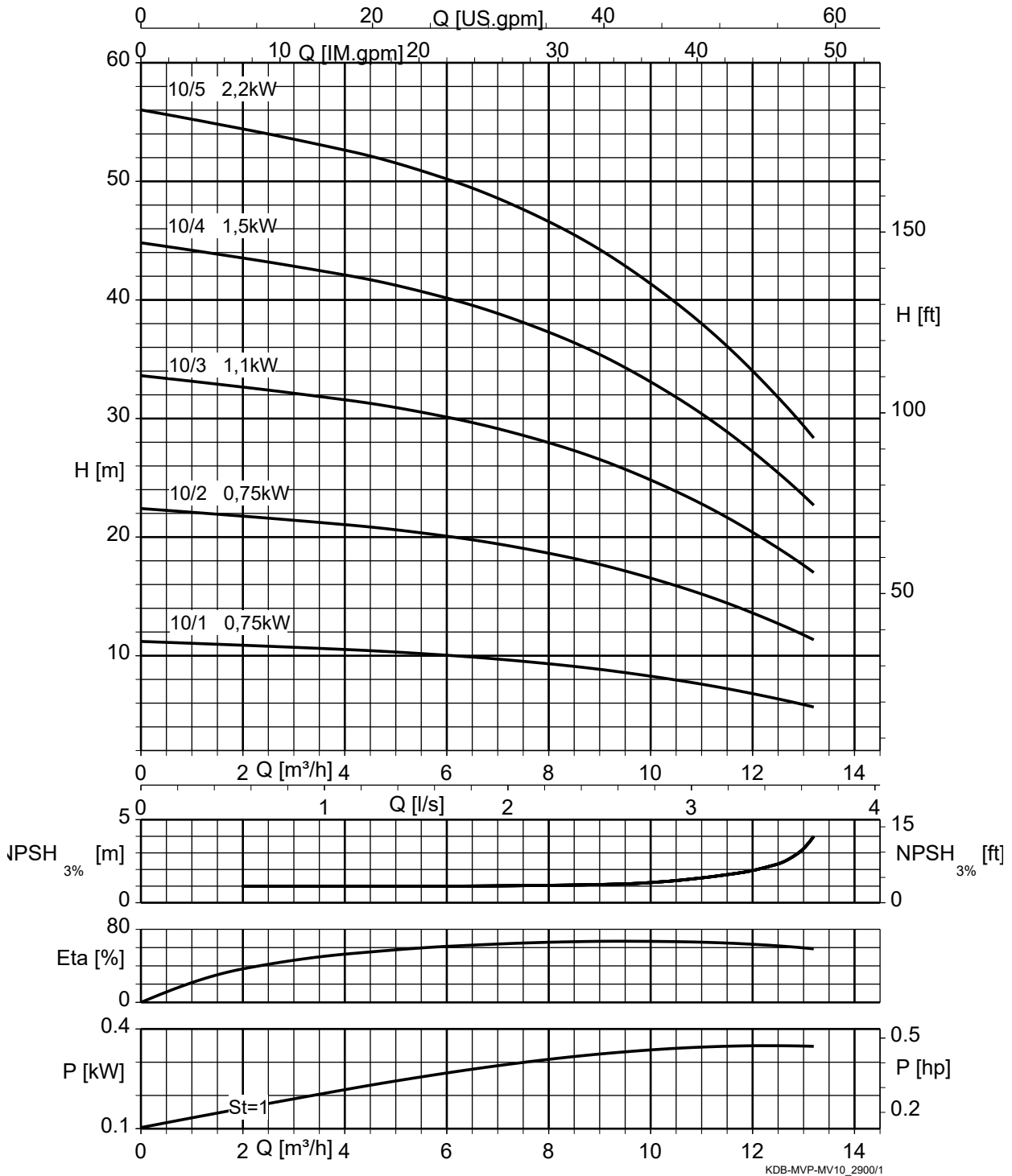
1983.531/10-DE

DeltaBasic MVP, Movitec 06,  $n = 2900 \text{ min}^{-1}$



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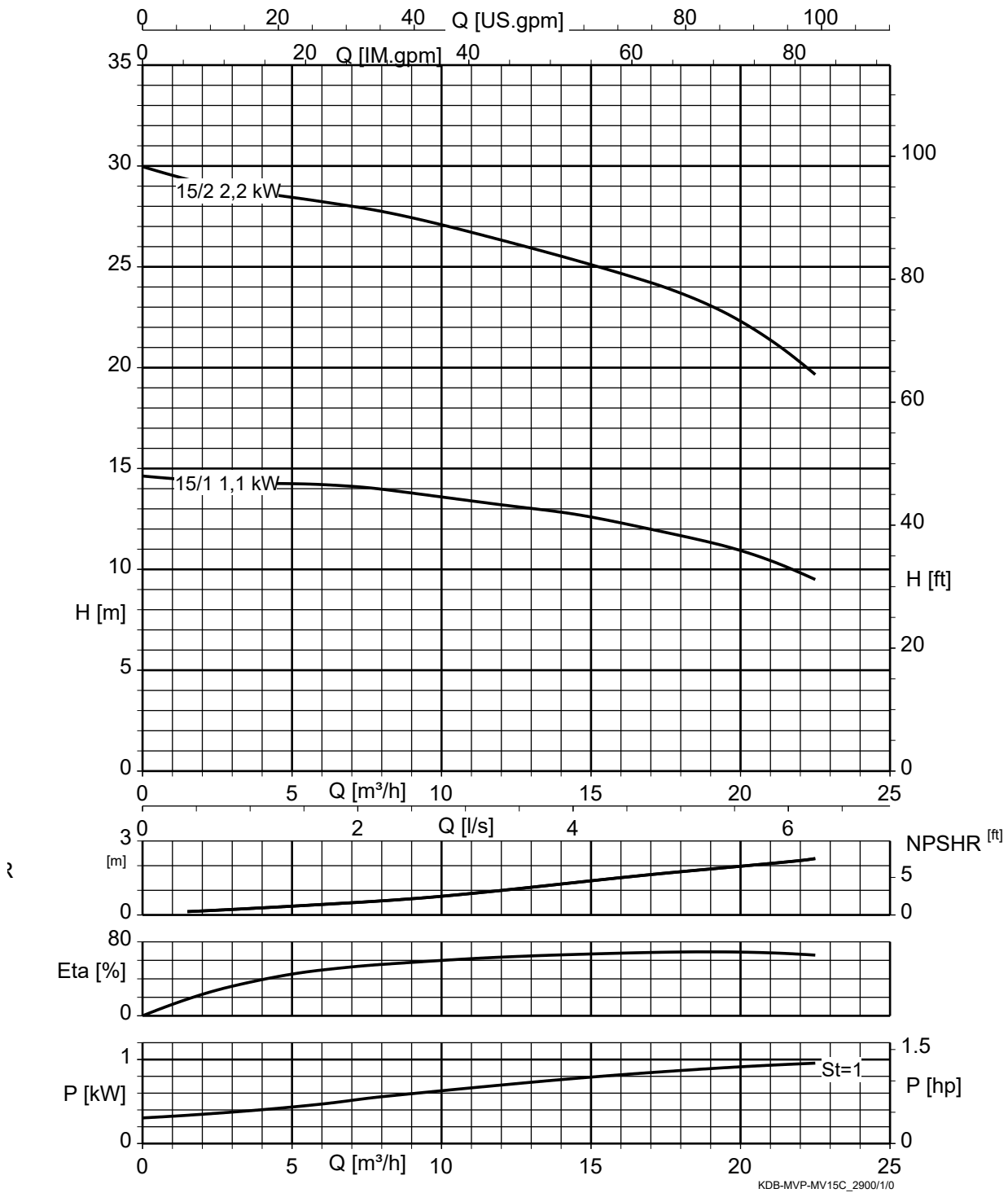
DeltaBasic MVP, Movitec 10,  $n = 2900 \text{ min}^{-1}$



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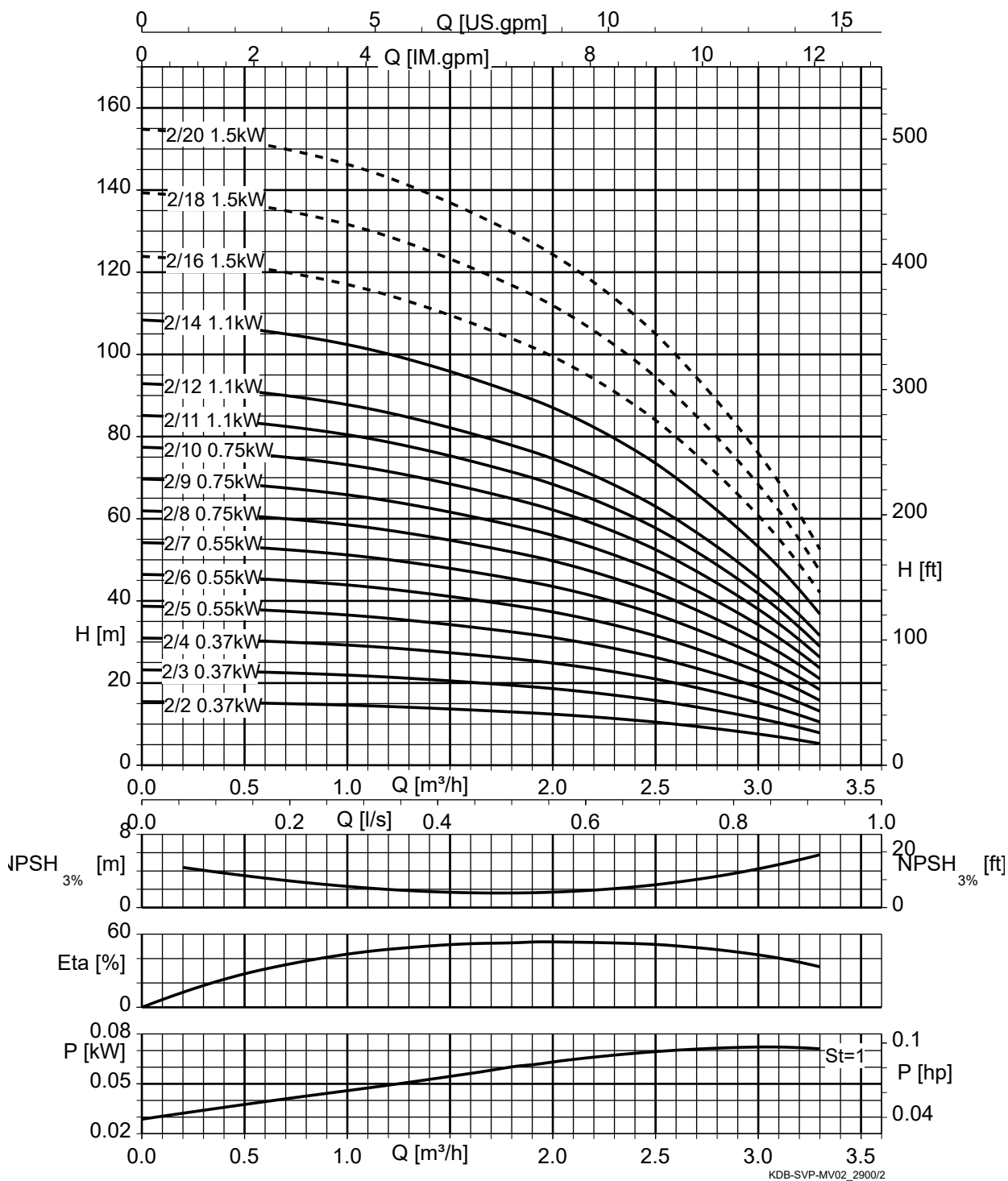
1983.531/10-DE

DeltaBasic MVP, Movitec 15,  $n = 2900 \text{ min}^{-1}$



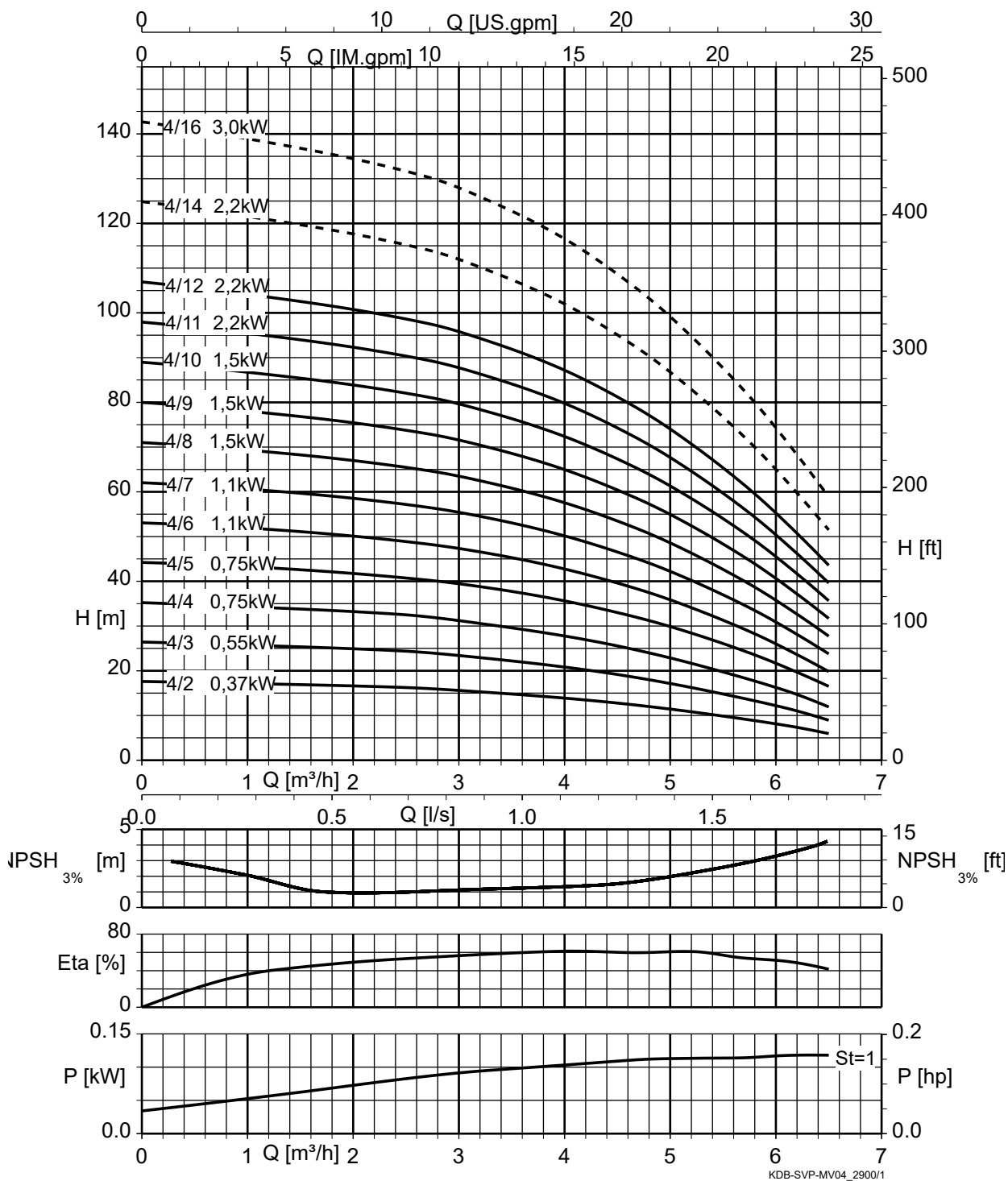
St = 1 | P je Stufe

DeltaBasic SVP, Movitec 02,  $n = 2900 \text{ min}^{-1}$



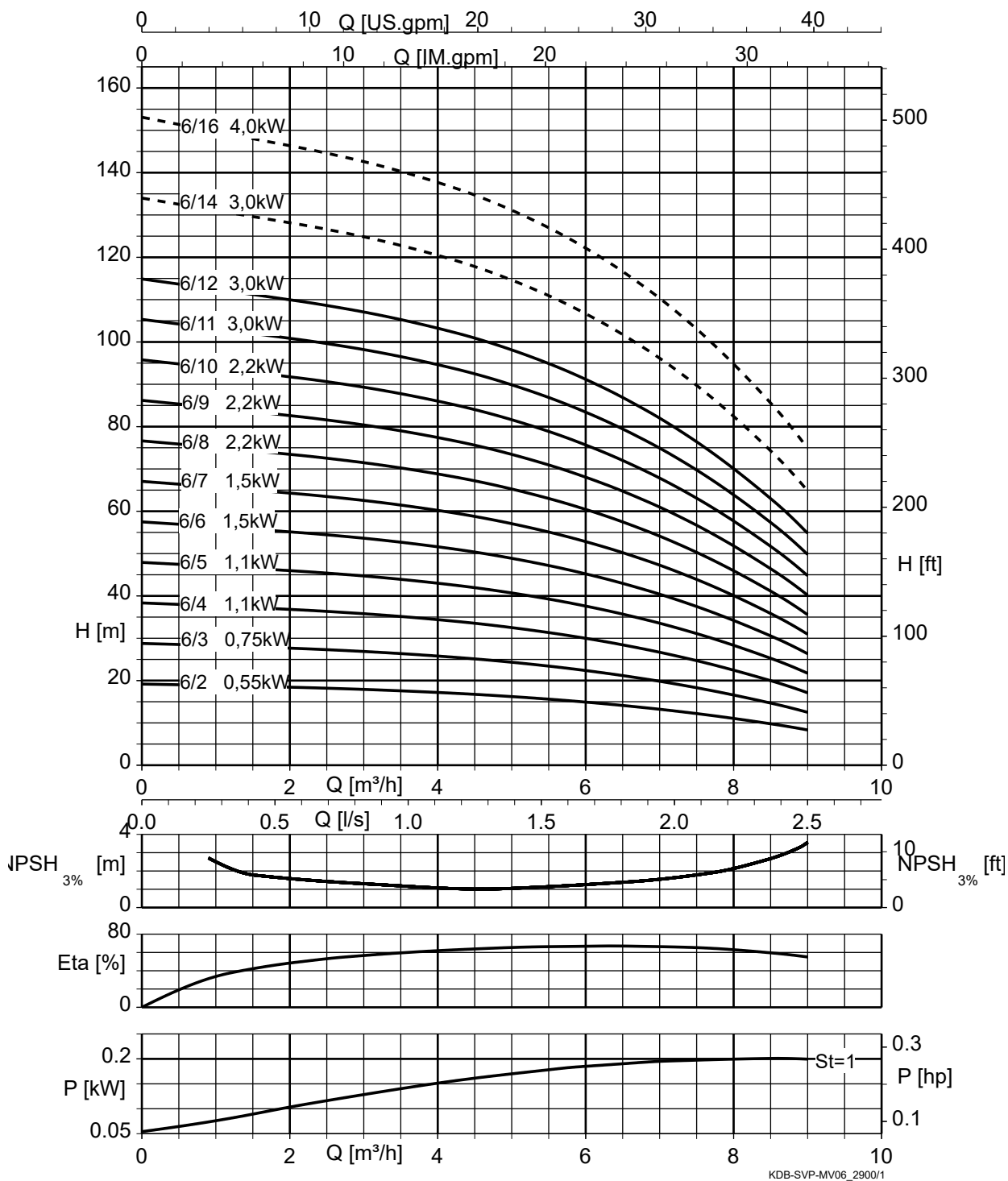
|        |                                    |
|--------|------------------------------------|
| St = 1 | P je Stufe                         |
| -----  | Nur gültig für Zulaufverhältnis F. |

DeltaBasic SVP, Movitec 04,  $n = 2900 \text{ min}^{-1}$



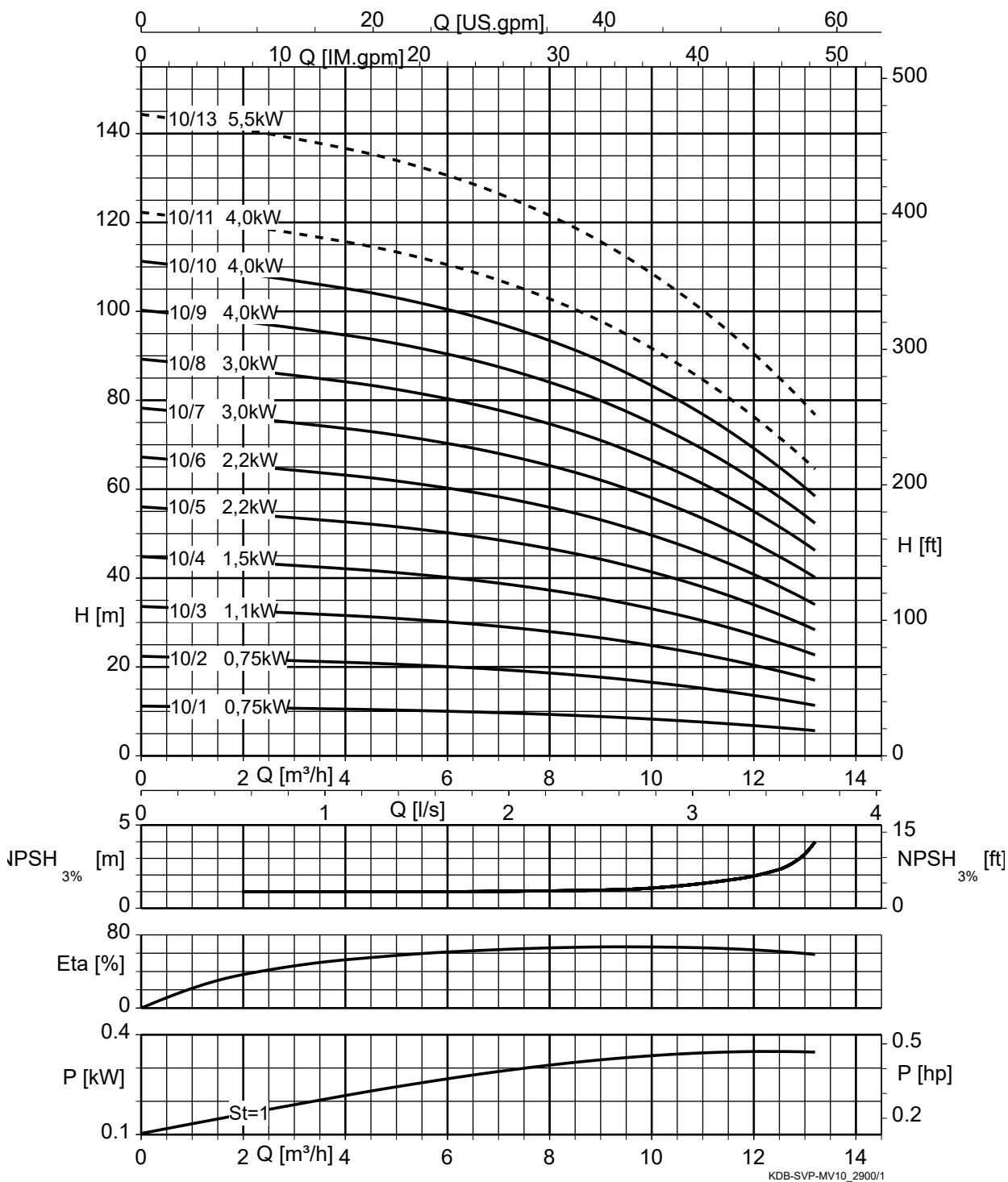
|        |                                    |
|--------|------------------------------------|
| St = 1 | P je Stufe                         |
| -----  | Nur gültig für Zulaufverhältnis F. |

DeltaBasic SVP, Movitec 06,  $n = 2900 \text{ min}^{-1}$



|        |                                    |
|--------|------------------------------------|
| St = 1 | P je Stufe                         |
| -----  | Nur gültig für Zulaufverhältnis F. |

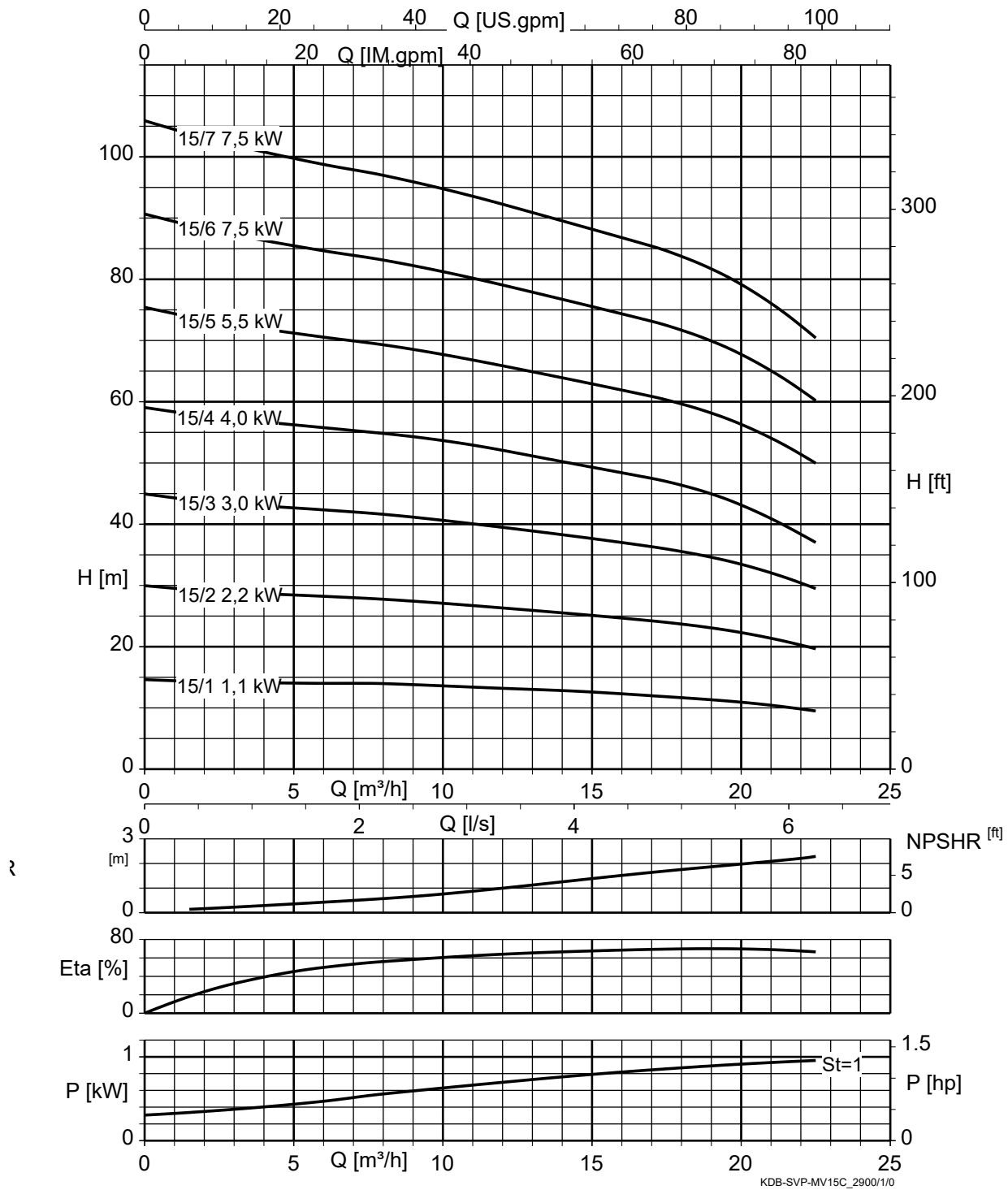
DeltaBasic SVP, Movitec 10,  $n = 2900 \text{ min}^{-1}$



St = 1 | P je Stufe

----- Nur gültig für Zulaufverhältnis F.

DeltaBasic SVP, Movitec 15,  $n = 2900 \text{ min}^{-1}$



St = 1 | P je Stufe

## Abmessungen und Anschlüsse

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

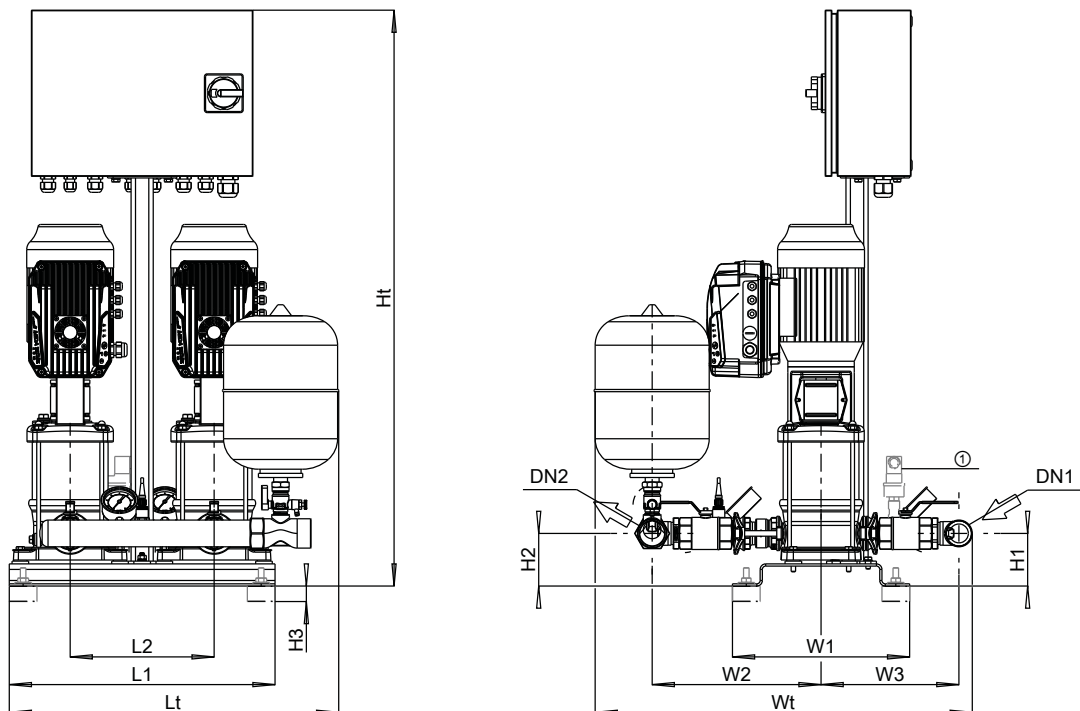


Abb. 6: Abmessungen

① Druckschalter für Trockenlaufschutz

Tabelle 10: Abmessungen [mm] und Anschlüsse

| Anzahl Pumpen | Movitec | Stufenzahl | 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 |

| Anzahl Pumpen | Movitec | Stufenzahl | 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

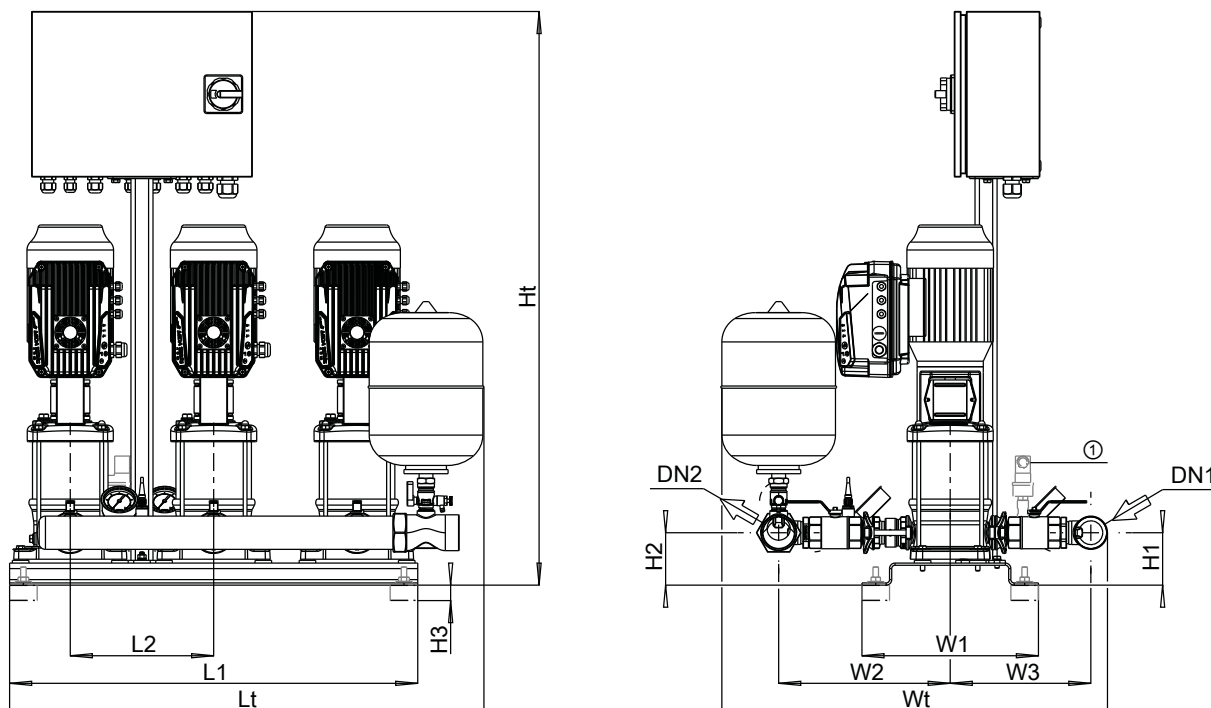


Abb. 7: Abmessungen

① Druckschalter für Trockenlaufschutz

Tabelle 11: Abmessungen [mm] und Anschlüsse

| Anzahl Pumpen | Movitec | Stufenzahl | 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 |

| Anzahl Pumpen | Movitec | Stufenzahl | 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 |

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

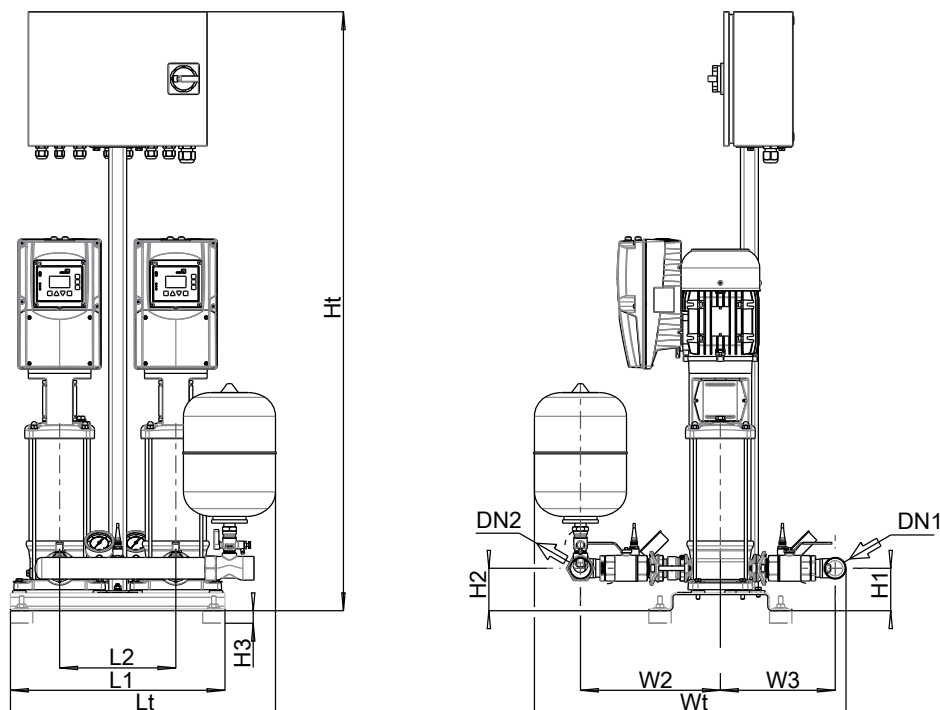


Abb. 8: Abmessungen

Tabelle 12: Abmessungen [mm] und Anschlüsse

| Anzahl Pumpen | Movitec | Stufenzahl | 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 |

| Anzahl Pumpen | Movitec | Stufenzahl | 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 |

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

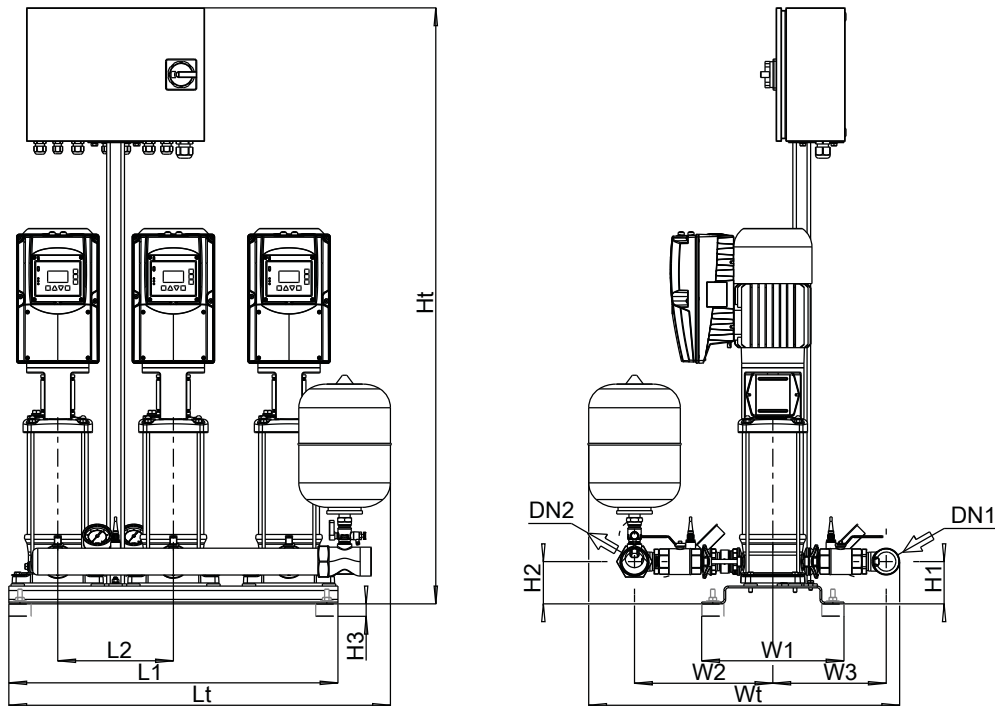


Abb. 9: Abmessungen

Tabelle 13: Abmessungen [mm] und Anschlüsse

| Anzahl Pumpen | Movitec | Stufenzahl | 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 |

| Anzahl Pumpen | Movitec | Stufenzahl | 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 |

DeltaBasic SVP 4, Movitec 02 / 04 / 06

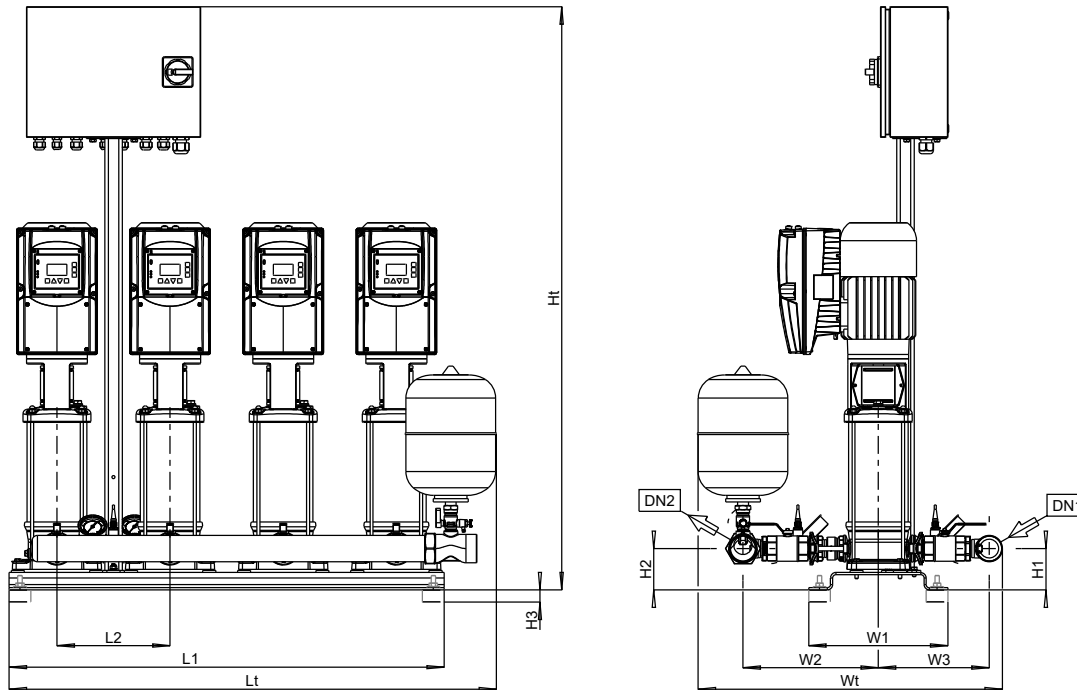


Abb. 10: Abmessungen

Tabelle 14: Abmessungen [mm] und Anschlüsse

| Anzahl Pumpen | Movitec | Stufenzahl | 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 |

| Anzahl Pumpen | Movitec | Stufenzahl | 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 |

# DeltaBasic SVP 4, Movitec 10 / 15

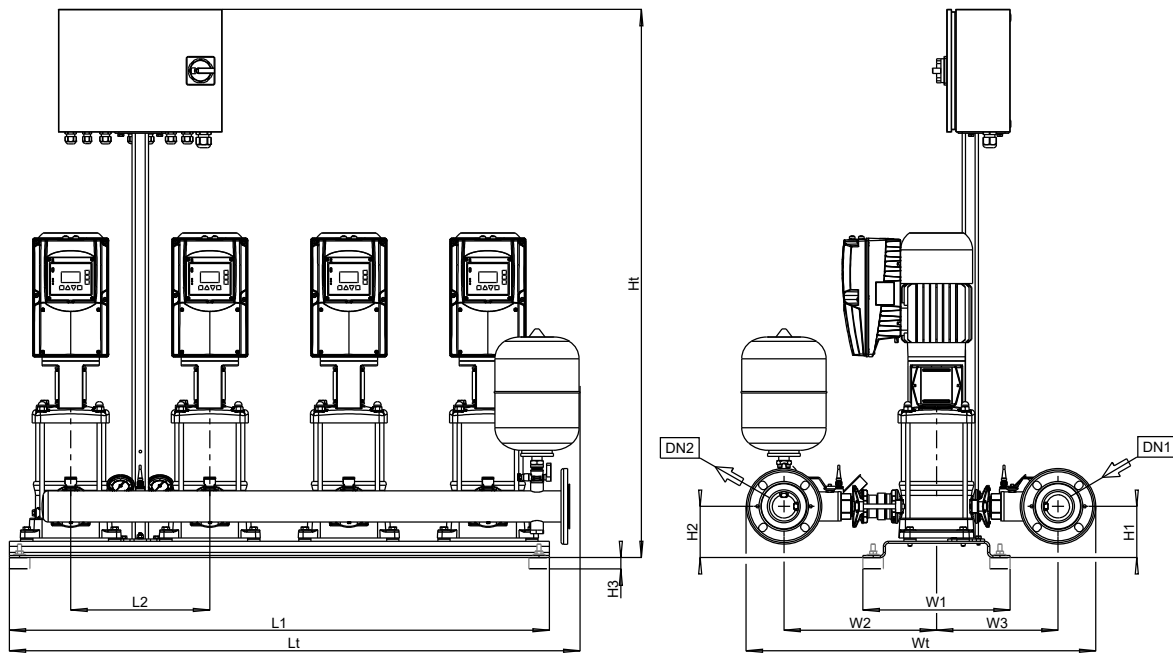


Abb. 11: Abmessungen

Tabelle 15: Abmessungen [mm] und Anschlüsse

| Anzahl Pumpen | Movitec | Stufenzahl | 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 |

## Gesamtzeichnungen/Explosionszeichnungen mit Einzelteileverzeichnis

### DeltaBasic MVP

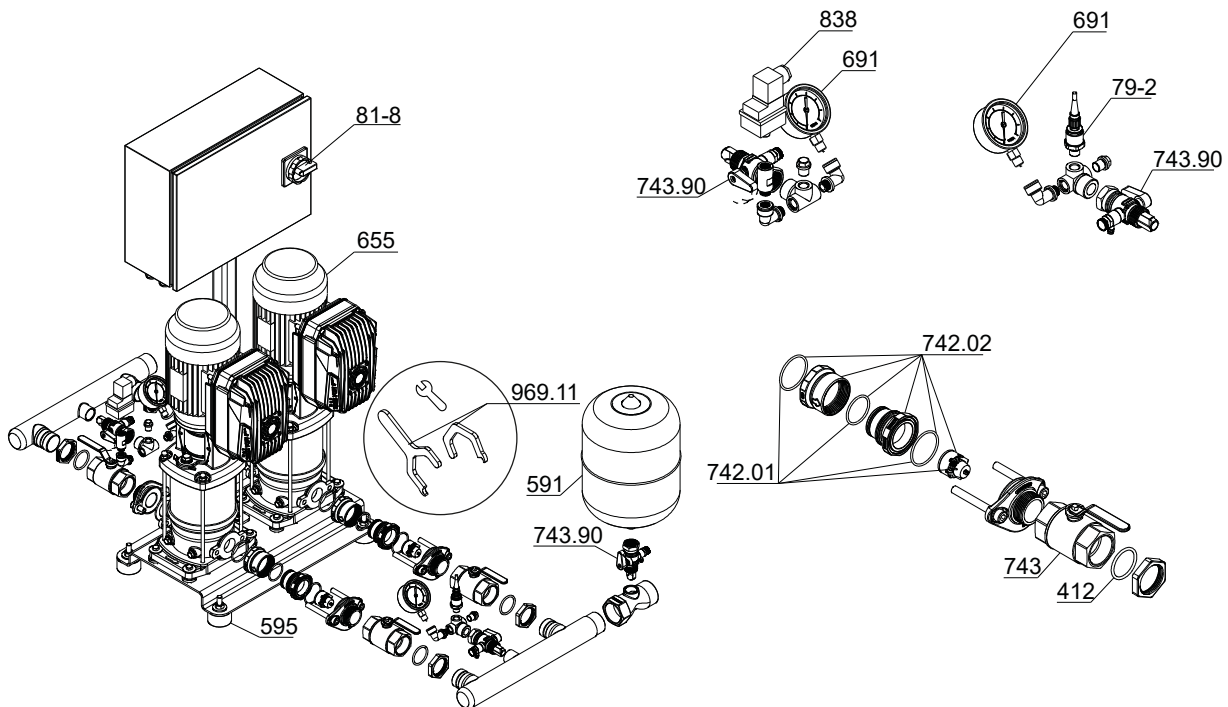


Abb. 12: DeltaBasic MVP

Tabelle 16: Einzelteileverzeichnis

| Teile-Nr. | Benennung            | Teile-Nr.  | Benennung                           |
|-----------|----------------------|------------|-------------------------------------|
| 79-2      | Transmitter          | 691        | Druckmessgerät                      |
| 81-8      | Kit-Hauptschalter    | 742.01/.02 | Rückschlagventil                    |
| 412       | O-Ring               | 743/743.90 | Kugelhahn                           |
| 591       | Membrandruckbehälter | 838        | Druckschalter für Trockenlaufschutz |
| 595       | Puffer               | 969.11     | Werkzeug                            |
| 655       | Pumpe                |            |                                     |

Die Einzelteile des Pumpenaggregats sind in der Dokumentation des Pumpenaggregats aufgeführt.

## DeltaBasic SVP

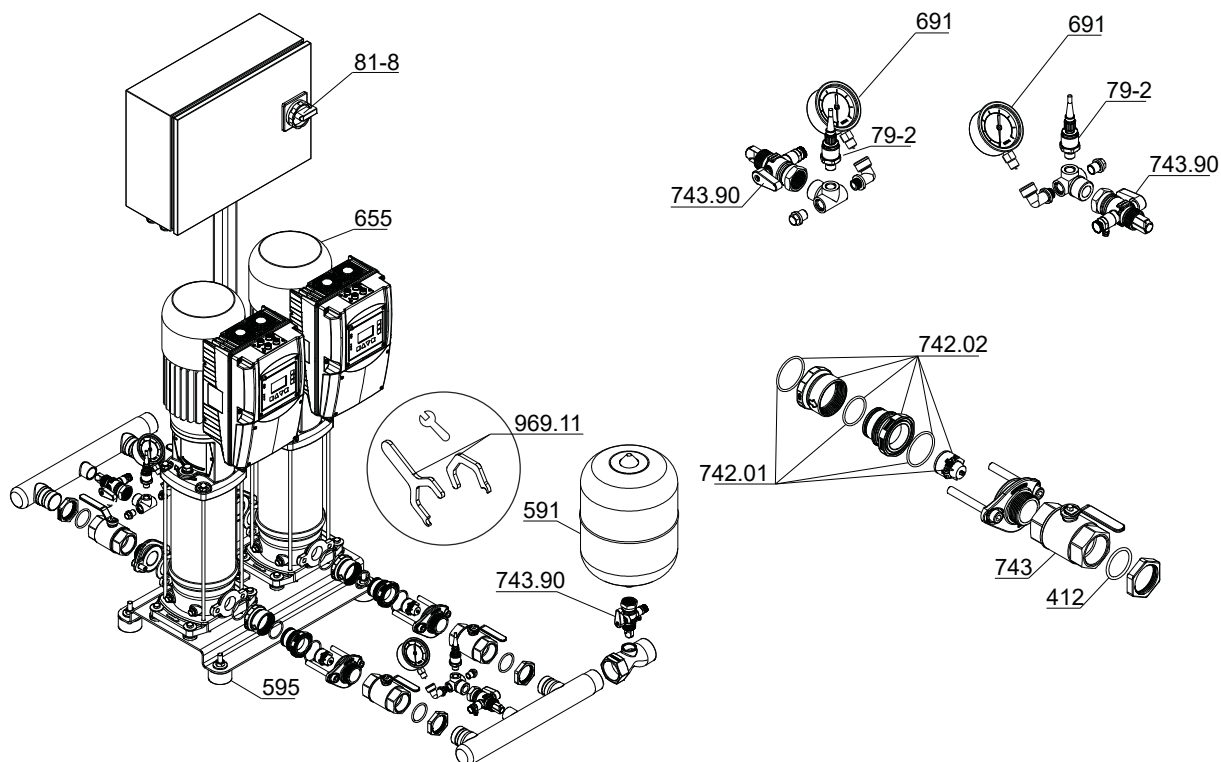


Abb. 13: DeltaBasic SVP

Tabelle 17: Einzelteileverzeichnis

| Teile-Nr. | Benennung            | Teile-Nr.  | Benennung        |
|-----------|----------------------|------------|------------------|
| 79-2      | Transmitter          | 655        | Pumpe            |
| 81-8      | Kit-Hauptschalter    | 691        | Druckmessgerät   |
| 412       | O-Ring               | 742.01/.02 | Rückschlagventil |
| 591       | Membrandruckbehälter | 743/743.90 | Kugelhahn        |
| 595       | Puffer               | 969.11     | Werkzeug         |

Die Einzelteile des Pumpenaggregats sind in der Dokumentation des Pumpenaggregats aufgeführt.

### Zubehör

 Zubehör siehe separates Baureihenheft Zubehör Druckerhöhungsanlagen 1954.5.

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## Glossar

### IE3

Wirkungsgradklasse nach IEC 60034-30:  
3 = Premium Efficiency (IE = International Efficiency)

### IE5

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

### Mat.-Nr.

Identifikationsnummer, die aus einem 8-stelligen  
Zahlencode besteht und das in SAP erfasste Produkt  
eindeutig identifiziert.





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