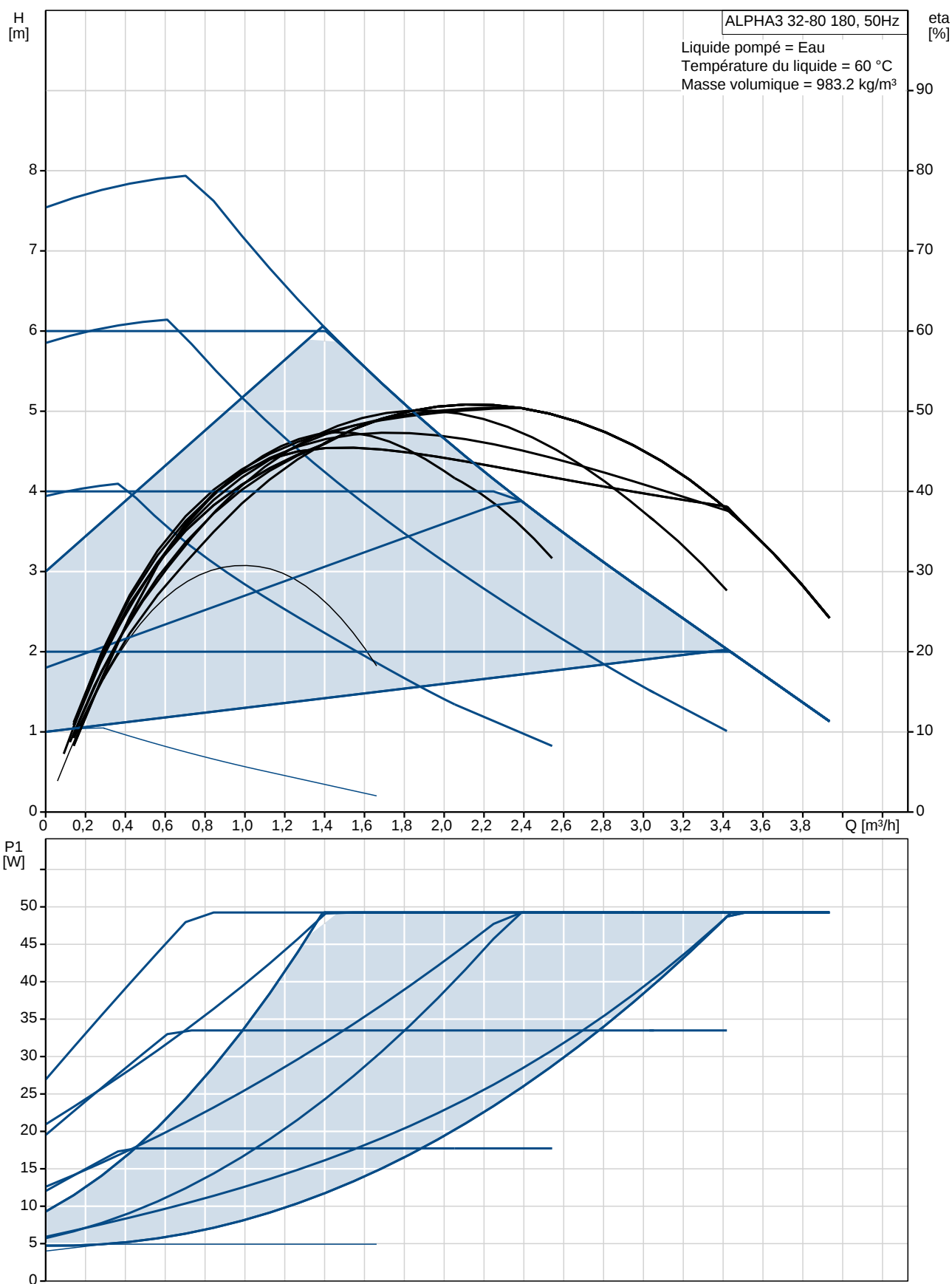


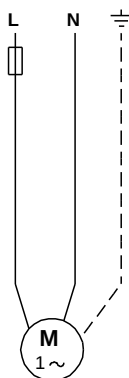
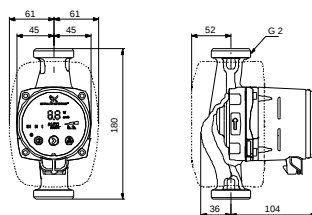
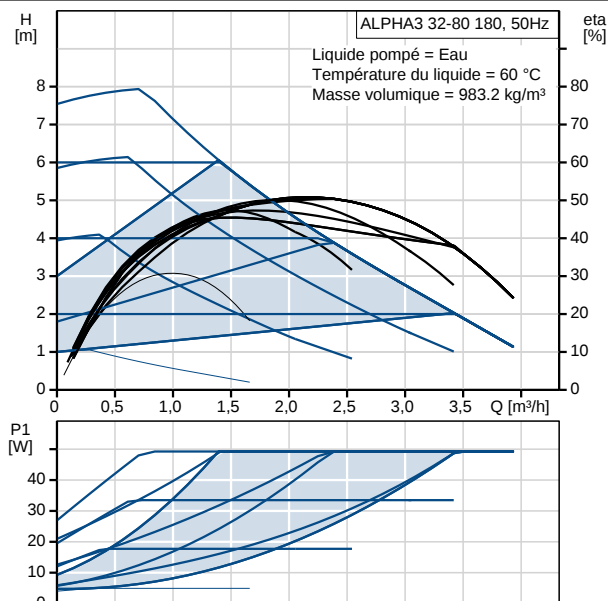
| Position | Quantité | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          | 1        | <p><b>ALPHA3 32-80 180</b></p>  <p>Référence: <a href="#">98890786</a></p> <p>High-efficiency circulator pump with permanent-magnet motor (ECM technology) and integrated electronic performance adaptation due to continuously variable speed control for circulation of clean heating water according to VDI 2035.</p> <p>Features and benefits:</p> <ul style="list-style-type: none"> <li>• New Read out of pump performance. Enable the use of ALPHAreader for heat emission balancing.</li> <li>• New Adv. Dry run protection. Protect the pump in case of no water in the pump.</li> <li>• New Improved start. Secure start under tough conditions</li> <li>• New Manual Summer mode. Save energy during summertime and ensure safe start in the heating season</li> <li>• AUTOADAPT function will automatically find the best setpoint- save energy consumption and set-up time.</li> <li>• Insulating shells are supplied with pumps to minimize heat loss in heating and cooling systems.</li> <li>• Display showing actual power consumption in Watt or actual flow in m³/h to control design paramters.</li> <li>• Best energy efficiency index (EEI) in the market provide highest energy savings during a year.</li> <li>• Stainless-steel pump housings are available if the application is sensitive or SS is a demand.</li> <li>• Energieeinsparverordnung – EnEV §14(3). Complies with the German regulation for energy saving in buildings and building systems</li> <li>• Automatic Night Setback that further reduces the energy consumption.</li> <li>• Simple selection among three constant-pressure curves, three proportional-pressure curves or three fixed speeds with only one button . Quick and simple setup.</li> <li>• ALPHA plug. Easy, quick and safe electrical connection.</li> <li>• ALPHA2 is suitable for cold-water systems. Higher application flexibility .</li> <li>• Electro-coated pump housing. No corrosion issues.</li> <li>• No external motor protection is required. Reduced installation time and costs.</li> </ul> <p><b>Liquide:</b></p> <p>Liquide pompé: Eau</p> <p>Plage température liquide: 2 .. 110 °C</p> <p>Température liquide: 60 °C</p> <p>Masse volumique: 983.2 kg/m³</p> <p><b>Technique:</b></p> <p>Classe TF: 110</p> <p>Certifications sur la plaque signalétique: VDE,GS,CE</p> <p><b>Matériaux:</b></p> <p>Corps de pompe: Fonte</p> <p>EN-GJL-150</p> <p>ASTM A48-150B</p> <p>Roue mobile: PES 30%GF</p> <p><b>Installation:</b></p> <p>Plage température ambiante: 0 .. 40 °C</p> <p>Pression maximale de service: 10 bar</p> |

| Position | Quantité | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |          | <p>Raccordement tuyauterie: G 2</p> <p>Pression par étage: PN 10</p> <p>Entraxe: 180 mm</p> <p><b>Donnée électrique:</b></p> <p>Puissance élec.-P1: 3 .. 50 W</p> <p>Fréquence d'alimentation: 50 Hz</p> <p>Tension nominale: 1 x 230 V</p> <p>Intensité maximum consommée: 0.04 .. 0.44 A</p> <p>Indice de protection (IEC 34-5): X4D</p> <p>Classe d'isolement (IEC 85): F</p> <p><b>Autres:</b></p> <p>Energie (EEI): 0.18</p> <p>Poids net: 2.18 kg</p> <p>Poids brut: 2.3 kg</p> |

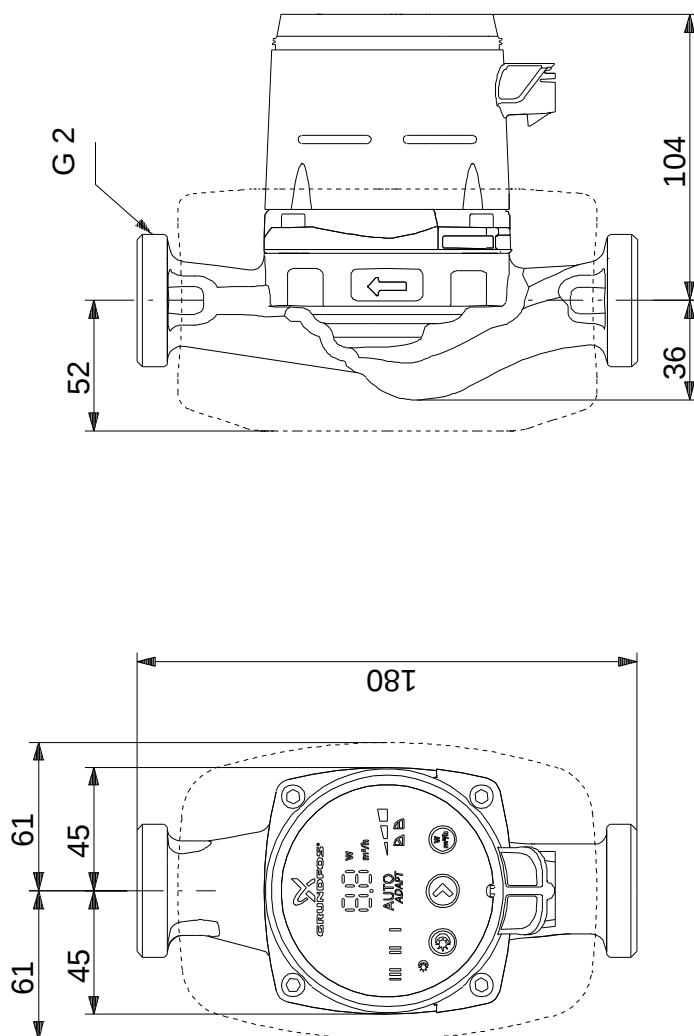
## 98890786 ALPHA3 32-80 180 50 Hz



| Description                                | Valeur                                    |
|--------------------------------------------|-------------------------------------------|
| <b>Information générale:</b>               |                                           |
| Nom produit:                               | ALPHA3 32-80 180                          |
| Code article:                              | 98890786                                  |
| Nombre EAN::                               | 5712603031958                             |
| <b>Technique:</b>                          |                                           |
| Pression maxi:                             | 80 dm                                     |
| Classe TF:                                 | 110                                       |
| Certifications sur la plaque signalétique: | VDE,GS,CE                                 |
| Modèle:                                    | A                                         |
| <b>Matériaux:</b>                          |                                           |
| Corps de pompe:                            | Fonte                                     |
|                                            | EN-GJL-150                                |
|                                            | ASTM A48-150B                             |
| Roue mobile:                               | PES 30%GF                                 |
| <b>Installation:</b>                       |                                           |
| Plage température ambiante:                | 0 .. 40 °C                                |
| Pression maximale de service:              | 10 bar                                    |
| Raccordement tuyauterie:                   | G 2                                       |
| Pression par étage:                        | PN 10                                     |
| Entraxe:                                   | 180 mm                                    |
| <b>Liquide:</b>                            |                                           |
| Liquide pompé:                             | Eau                                       |
| Plage température liquide:                 | 2 .. 110 °C                               |
| Température liquide:                       | 60 °C                                     |
| Masse volumique:                           | 983.2 kg/m³                               |
| <b>Donnée électrique:</b>                  |                                           |
| Puissance élec.-P1:                        | 3 .. 50 W                                 |
| Fréquence d'alimentation:                  | 50 Hz                                     |
| Tension nominale:                          | 1 x 230 V                                 |
| Intensité maximum consommée:               | 0.04 .. 0.44 A                            |
| Indice de protection (IEC 34-5):           | X4D                                       |
| Classe d'isolement (IEC 85):               | F                                         |
| Protection moteur:                         | AUNCUN(E)                                 |
| Protection thermique:                      | ELEC                                      |
| <b>Commandes:</b>                          |                                           |
| Nuit automatique:                          | basculement automatique en régime de nuit |
| Réf boîte à bornes:                        | 6H                                        |
| <b>Autres:</b>                             |                                           |
| Energie (EEI):                             | 0.18                                      |
| Poids net:                                 | 2.18 kg                                   |
| Poids brut:                                | 2.3 kg                                    |

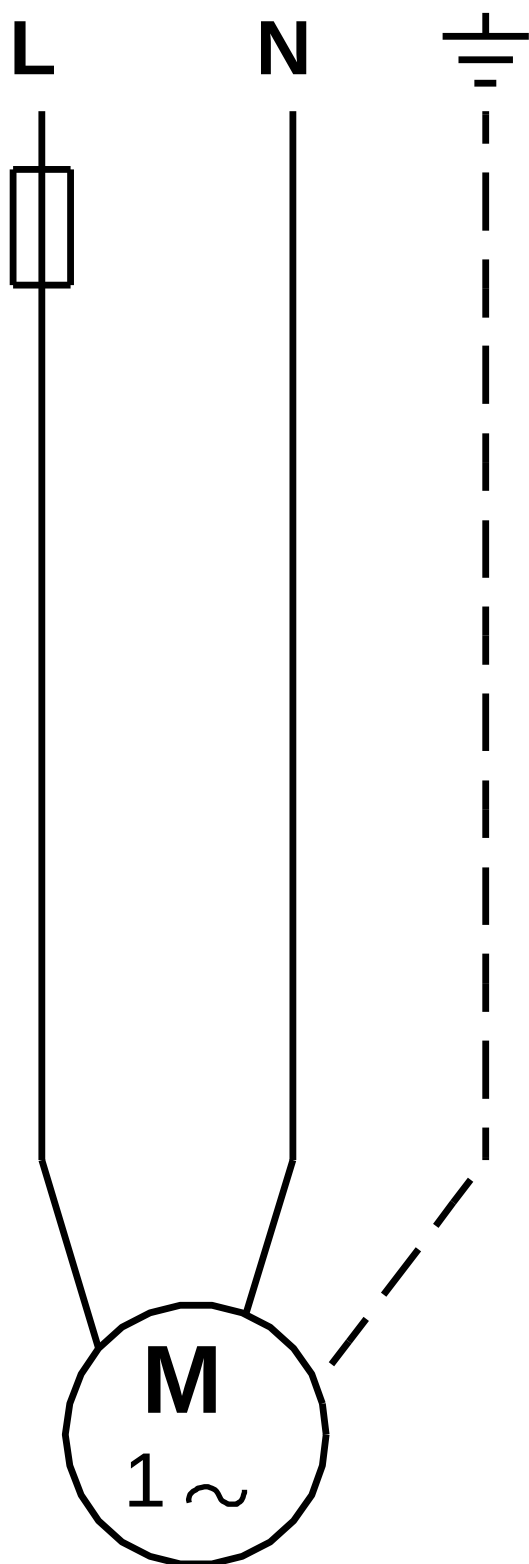


## 98890786 ALPHA3 32-80 180 50 Hz



Remarque: toutes les unités sont en [mm] à moins que d'autres unités soient énoncées.  
Mise en garde: ce dessin d'encombrement simplifié ne montre pas tous les détails.

**98890786 ALPHA3 32-80 180 50 Hz**



Note ! Toutes les unités sont en [mm] sauf précision contraire.



Nom Société:

Créé par:

Téléphone:

Date: 19/07/2016

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**Données de commande:**

Nom produit: ALPHA3 32-80 180

Quantité: 1

Code article: 98890786

Total: Prix sur demande

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