

|           |                            |
|-----------|----------------------------|
| Cod       | 48SHT01P                   |
| Familie   | TRITUS Small               |
| Gama      | Apa de canalizare cu tocat |
| Tipologie | Submeribile                |

|               |          |
|---------------|----------|
| Extra UE Only | Nu       |
| Utilizari     | Civil    |
|               | Domestic |

### Limite de utilizare

|                                 |                   |
|---------------------------------|-------------------|
| Tip lichid                      | Apa de canalizare |
| Temperatura minima a lichidului | 0 °C              |
| Temperatura maxima a lichidului | 40 °C             |
| Continut maxim de clor          | - ppm             |
| Continut maxim de nisip         | - ppm             |
| Inaltimea maxima de aspiratie   | 0 m               |
| Adancimea maxima de imersie     | 10,00 m           |
| Temperatura ambientala maxima   | - °C              |
| Temperatura ambientala minima   | - °C              |
| Presiune maxima de exercitiu    | - bar             |

### Punct de lucru

|                           |             |
|---------------------------|-------------|
| Debit actual              | 0,000 l/min |
| Inaltimea de lucru        | 0,000 m     |
| Randament electropompa    | 0,00 %      |
| Putere absorbita motor P1 | 0,00 kW     |

### Placuta de identificare a pompei

|                            |                |
|----------------------------|----------------|
| Debit                      | 10 - 120 l/min |
| Inaltime                   | 22 - 10 m      |
| Inaltime maxima            | 23 m           |
| Inaltime minima            | 10 m           |
| Indice de eficienta minima | -              |

### Placuta de identificare a motorului

|                           |           |
|---------------------------|-----------|
| Tensiune                  | 380 V     |
| Faza                      | 3         |
| Frecventa                 | 60 Hz     |
| Viteza de rotatie         | 3450 rpm  |
| Putere nominala           | 1,10 kW   |
| Curent nominal            | 3,4 A     |
| Putere absorbita P1       | 1,60 kW   |
| Gradul de eficienta       | Undefined |
| Capacitate condensator    | - µF      |
| Tensiunea condensatorului | - V       |
| Clasa de izolare          | F         |
| Grad de protectie IP      | X8        |

### Norme de executie şi siguranţă

electropompele sunt echipate cu:

- cablu de alimentare 10 m
- plutitor extern pentru versiunile monofazice

EN 60335-1, IEC 60335-1, CEI 61-150

EN 60034-1, IEC 60034-1, CEI 2-3

### Conexiuni

|                            |           |
|----------------------------|-----------|
| Tipul conexiunii           | Filet gaz |
| Dimensiunea guri aspiratie | -         |
| Dimensiunea guri refulare  | 1 1/4"    |

### Date de intrare

|                                    |             |
|------------------------------------|-------------|
| Debit nominal solicitat            | 0,000 l/min |
| Inaltime solicitata                | 0,000 m     |
| Inaltimea sistemului geodezic      | 0,000 m     |
| Pierderi de sarcina ale sistemului | 0,000 m     |
| NPSH disponibil                    | 0,000 m     |
| Lichid                             | Water       |
| Temperatura                        | 20 °C       |
| Densitate                          | 998,1 kg/m³ |
| Vascozitate cinematica             | 1,00 mm²/s  |
| Presiunea aburului                 | 2.318 Pa    |

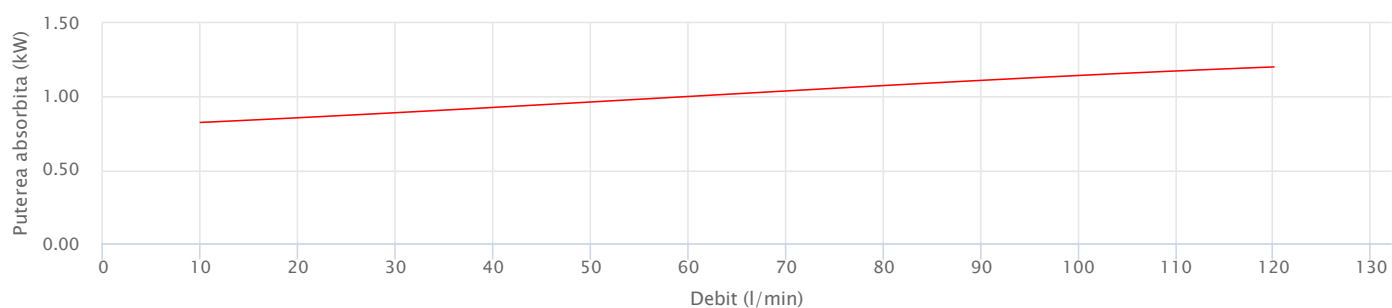
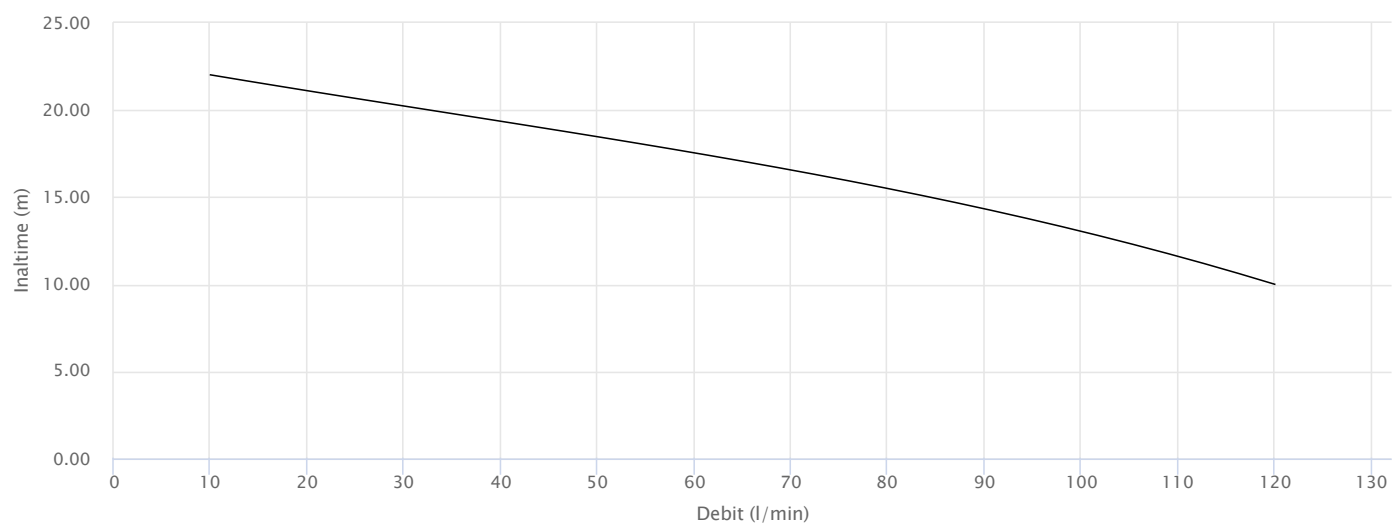
### Alte date despre pompa

|                                  |       |
|----------------------------------|-------|
| Nivel maxim de presiune acustica | - dBA |
| 1m                               |       |
| instalare orizontala             | Nu    |
| Trecerea corpurilor solide       | - mm  |

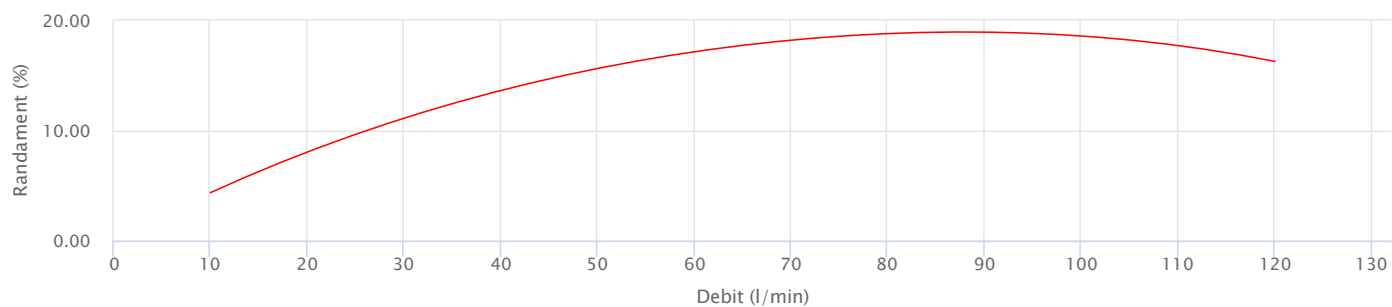
### Alte date despre motor

|                                        |        |
|----------------------------------------|--------|
| Curent de pornire/curent nominal       | 8,194  |
| Numar maxim de porniri / ora           | 20     |
| Factor de serviciu                     | -      |
| Cos Φ (4/4)                            | -      |
| Randament (4/4)                        | -      |
| Protectie termica                      | -      |
| Tip mufa                               | -      |
| Debitul minim pentru racirea motorului | - cm/s |
| Scufundare pentru serviciu continuu    | 300 mm |

## Prestatii



— Putere absorbita motor P1



— Randament electropompa

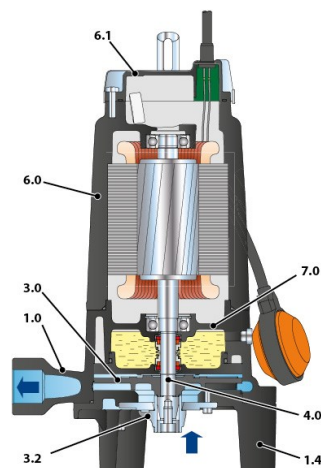
## Construcție

### Rulmenti

|                              |             |
|------------------------------|-------------|
| Rulment motor -partea pompei | 6303 ZZ-C3E |
| Rulment motor-partea opusa   | 6303 ZZ-C3E |

### Presetupa rotor

|                      |                                            |
|----------------------|--------------------------------------------|
| Tip presetupa        | Presetupa mecanica dubla cu camera de ulei |
| Diametru MS          | 14                                         |
| Inel fix MS          | Carbura de siliciu                         |
| Inel rotativ MS      | Grafit                                     |
| Elastomer MS         | NBR                                        |
| Model pompa laterala | MG1-14D SIC                                |
| Diametru PS          | 14                                         |
| Inel fix PS          | Carbura de siliciu                         |
| Inel rotativ PS      | Carbura de siliciu                         |
| Elastomer PS         | NBR                                        |



### Material

|                     |                                                 |
|---------------------|-------------------------------------------------|
| 1.0 - Corp pompa    | Fonta GJL 200 EN 1561                           |
| 1.4 - Baza          | Fonta GJL 200 EN 1561                           |
| 3.0 - Turbina       | Tehnopolimer armat                              |
| 3.2 - Tocator       | Otel inoxidabil ENEN 1.4125 (AISI 440C) Intarit |
| 4.0 - Rotor pompa   | Otel inoxidabil EN 1.4057 (AISI 431)            |
| 6.0 - Carcasa motor | Fonta GJL 200 EN 1561                           |
| 6.1 - Capac motor   | Fonta GJL 200 EN 1561                           |
| 7.0 - Lanterna      | Fonta GJL 200 EN 1561                           |

### Dimensiuni

| DN2    | a    | b   | c   | d  | h   | h1 | p   | x   | Kg   |
|--------|------|-----|-----|----|-----|----|-----|-----|------|
|        | [mm] |     |     |    |     |    |     |     |      |
| 1 1/4" | 140  | 104 | 186 | 85 | 406 | 80 | 500 | 500 | 22,6 |

