

|           |                                 |
|-----------|---------------------------------|
| Cod       | 44CIT16A                        |
| Familie   | CP Small                        |
| Gama      | Centrifuge cu o singura turbina |
| Tipologie | Pompe de suprafata              |

|               |                   |
|---------------|-------------------|
| Extra UE Only | Nu                |
| Utilizari     | Civil<br>Domestic |

### Limite de utilizare

|                                 |            |
|---------------------------------|------------|
| Tip lichid                      | Apa curata |
| Temperatura minima a lichidului | -10 °C     |
| Temperatura maxima a lichidului | 90 °C      |
| Continut maxim de clor          | - ppm      |
| Continut maxim de nisip         | - ppm      |
| Inaltimea maxima de aspiratie   | 7 m        |
| Adancimea maxima de imersie     | - m        |
| Temperatura ambientala maxima   | 40,0 °C    |
| Temperatura ambientala minima   | - °C       |
| Presiune maxima de exercitiu    | 6 bar      |

### Punct de lucru

|                    |             |
|--------------------|-------------|
| Debit actual       | 0,000 l/min |
| Inaltimea de lucru | 0,000 m     |

### Placuta de identificare a pompei

|                            |               |
|----------------------------|---------------|
| Debit                      | 10 - 90 l/min |
| Inaltime                   | 34 - 25 m     |
| Inaltime maxima            | 36 m          |
| Inaltime minima            | 25 m          |
| Indice de eficienta minima | -             |

### Norme de executie și siguranță

- EN 60335-1, IEC 60335-1, CEI 61-150
- EN 60034-1, IEC 60034-1, CEI 2-3
- Regulament (UE) N.547/2012

### Conexiuni

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

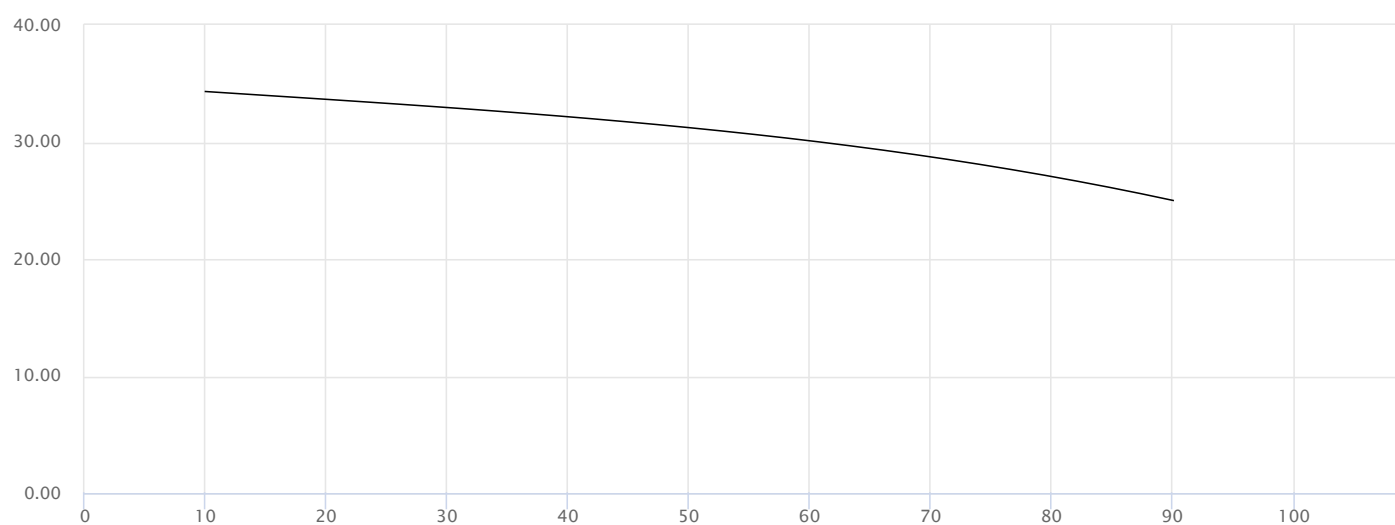
### Date de intrare

|                                    |                         |
|------------------------------------|-------------------------|
| 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/m <sup>3</sup> |
| Vascozitate cinematica             | 1,00 mm <sup>2</sup> /s |
| Presiunea aburului                 | 2.318 Pa                |

### Placuta de identificare a motorului

|                           |                   |
|---------------------------|-------------------|
| Tensiune                  | 220-230/380-400 V |
| Faza                      | 3                 |
| Frecventa                 | 50 Hz             |
| Viteza de rotatie         | 2900 rpm          |
| Putere nominala           | 0,75 kW           |
| Curent nominal            | 4,35/2,5 A        |
| Putere absorbita P1       | - kW              |
| Gradul de eficienta       | Undefined         |
| Capacitate condensator    | - μF              |
| Tensiunea condensatorului | - V               |
| Clasa de izolare          | F                 |
| Grad de protectie IP      | X4                |

## Prestatii



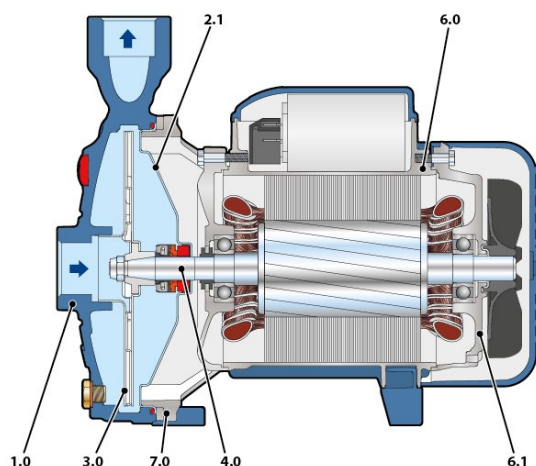
## Construcție

### Rulmenti

|                              |         |
|------------------------------|---------|
| Rulment motor -partea pompei | 6203 ZZ |
| Rulment motor-partea opusa   | 6203 ZZ |

### Presetupa rotor

|                      |                           |
|----------------------|---------------------------|
| Tip presetupa        | Presetupa mecanica simpla |
| Model pompa laterala | AR-14                     |
| Diametru PS          | 14                        |
| Inel fix PS          | Ceramica                  |
| Inel rotativ PS      | Grafit                    |
| Elastomer PS         | NBR                       |



### Material

|                     |                                      |
|---------------------|--------------------------------------|
| 1.0 - Corp pompa    | Fonta GJL 200 EN 1561                |
| 2.1 - Capac carcasa | Otel inoxidabil 1.4301 (AISI 304)    |
| 3.0 - Turbina       | Otel inoxidabil 1.4301 (AISI 304)    |
| 4.0 - Rotor pompa   | Otel inoxidabil EN 1.4057 (AISI 431) |
| 6.0 - Carcasa motor | Aluminiu EN-AB 46100                 |
| 6.1 - Capac motor   | Aluminiu EN-AB 46100                 |
| 7.0 - Lanterna      | Aluminiu EN-AB 46100                 |

### Dimensiuni

| DN1  | DN2 | a  | f   | h1 | h2  | h3  | n1  | n2  | s  | w  | Kg   |
|------|-----|----|-----|----|-----|-----|-----|-----|----|----|------|
| [mm] |     |    |     |    |     |     |     |     |    |    |      |
| 1"   | 1"  | 42 | 286 | 92 | 148 | 240 | 190 | 160 | 11 | 37 | 11,7 |

