

|           |                    |
|-----------|--------------------|
| Cod       | 46FJ102CA1EU       |
| Familie   | FUTURE JET         |
| Gama      | Autoamorsante      |
| Tipologie | Pompe de suprafata |

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

### Limite de utilizare

|                                 |            |
|---------------------------------|------------|
| Tip lichid                      | Apa curata |
| Temperatura minima a lichidului | -10 °C     |
| Temperatura maxima a lichidului | 40 °C      |
| Continut maxim de clor          | - ppm      |
| Continut maxim de nisip         | - ppm      |
| Inaltimea maxima de aspiratie   | 9 m        |
| Adancimea maxima de imersie     | - m        |
| Temperatura ambientala maxima   | 40,0 °C    |
| Temperatura ambientala minima   | - °C       |
| Presiune maxima de exercitiu    | 6 bar      |

### Norme de executie și siguranță

- EN 60335-1, IEC 60335-1
- EN 60034-1, IEC 60034-1

### Conexiuni

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

### 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     |

### 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 pompei

|                            |               |
|----------------------------|---------------|
| Debit                      | 5 - 120 l/min |
| Inaltime                   | 52 - 10 m     |
| Inaltime maxima            | 55 m          |
| Inaltime minima            | 10 m          |
| Indice de eficienta minima | -             |

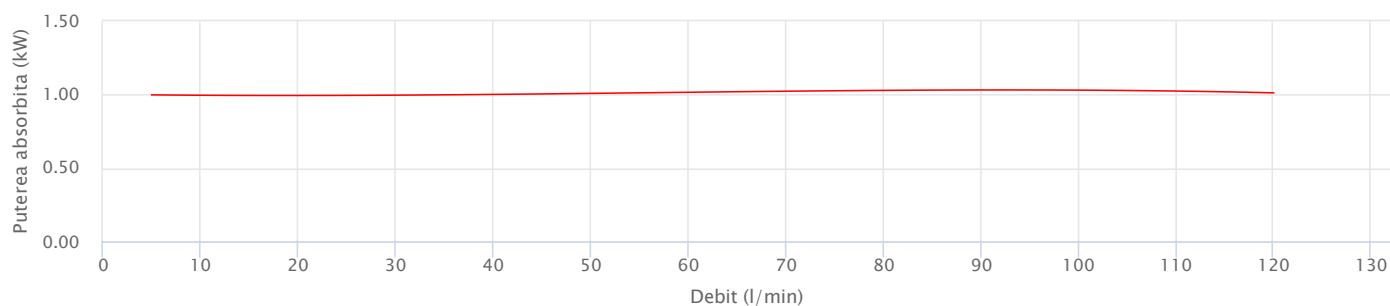
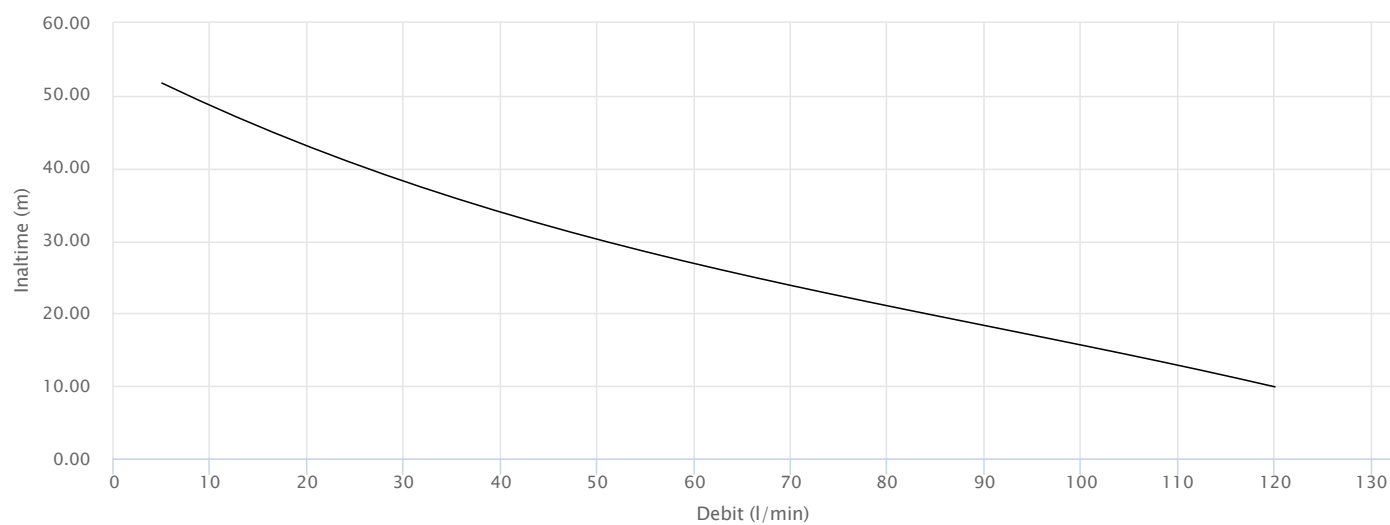
### Placuta de identificare a motorului

|                           |           |
|---------------------------|-----------|
| Tensiune                  | 220-230 V |
| Faza                      | 1         |
| Frecventa                 | 50 Hz     |
| Viteza de rotatie         | 2900 rpm  |
| Putere nominala           | 0,75 kW   |
| Curent nominal            | 5,8 A     |
| Putere absorbita P1       | 1,25 kW   |
| Gradul de eficienta       | Undefined |
| Capacitate condensator    | 25 µF     |
| Tensiunea condensatorului | 450 V     |
| Clasa de izolare          | F         |
| Grad de protectie IP      | X4        |

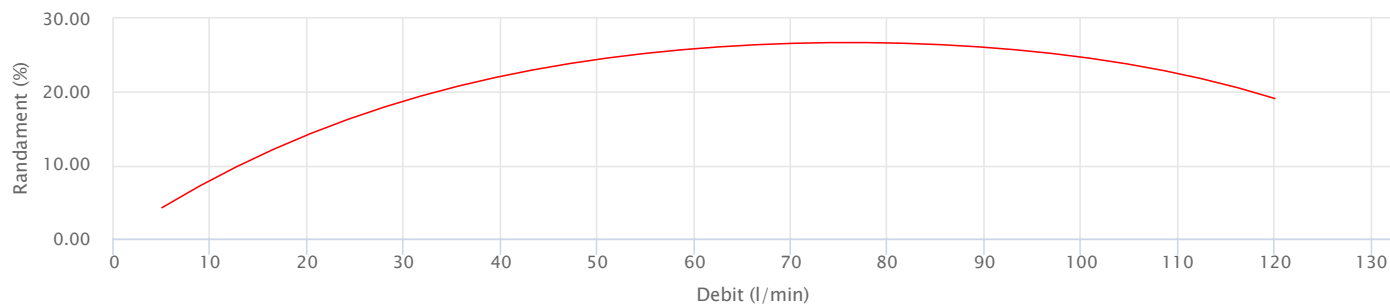
### Alte date despre motor

|                                        |                     |
|----------------------------------------|---------------------|
| Curent de pornire/curent nominal       | 3,024               |
| Numar maxim de porniri / ora           | 20                  |
| Factor de serviciu                     | -                   |
| Cos $\Phi$ (4/4)                       | -                   |
| Randament (4/4)                        | -                   |
| Protectie termica                      | Thermally Protected |
| Tip mufa                               | -                   |
| Debitul minim pentru racirea motorului | - cm/s              |
| Scufundare pentru serviciu continuu    | - mm                |

**Prestatii**



— Putere absorbita motor P1



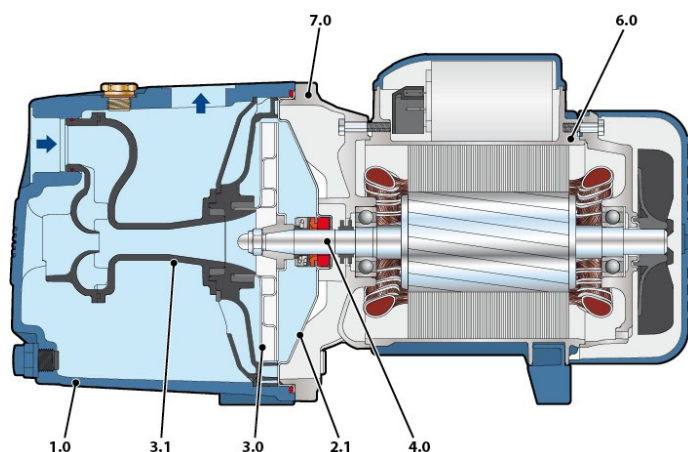
— Randament electropompa

## Construcție

### Rulmenti

### 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       | Tehnopolimer armat                   |
| 3.1 - Grup ejector  | Tehnopolimer armat                   |
| 4.0 - Rotor pompa   | Otel inoxidabil EN 1.4057 (AISI 431) |
| 6.0 - Carcasa motor | Aluminiu EN-AB 46100                 |
| 7.0 - Lanterna      | Aluminiu EN-AB 46100                 |

### Dimensiuni

| DN1  | DN2 | a  | f   | h   | h1  | h2 | h3  | n2  | s  | t   | w  | Kg   |
|------|-----|----|-----|-----|-----|----|-----|-----|----|-----|----|------|
| [mm] |     |    |     |     |     |    |     |     |    |     |    |      |
| 1"   | 1"  | 94 | 388 | 200 | 147 | 33 | 180 | 142 | 10 | 180 | 22 | 15,4 |

