



**Название компании:**

**Создано:**

**Номер телефона:**

**Дата создания: 2025-01-28**

**Модель: GEA25-4-180**



Серийные насосы GEA - это интеллектуальные и эффективные циркуляционные насосы (насосы с консервированным двигателем).

#### **КОНСТРУКТИВНЫЕ ОСОБЕННОСТИ НАСОСА**

Двигатель использует двигатель с постоянным магнитом, материал вала насоса - керамика с керамическими подшипниками, а рабочее колесо - материал PES.

#### **ОСОБЕННОСТИ ДВИГАТЕЛЯ**

Класс энергоэффективности: класс A,  $EEl \leq 0.23$ , низкий уровень шума, отсутствие утечек.

#### **ХАРАКТЕРИСТИКИ НАСОСА**

Серия GEA представляет собой интеллектуальный высокоэффективный циркуляционный насос (насос с консервированным двигателем). Он имеет консервированную структуру, статор двигателя полностью консервирован, вращающиеся части погружены в транспортируемую жидкость, а жидкость служит для охлаждения двигателя и смазки подшипников. Продукт отличается отсутствием утечек, сверхтихим режимом работы, энергосбережением, высокой эффективностью и простотой установки.

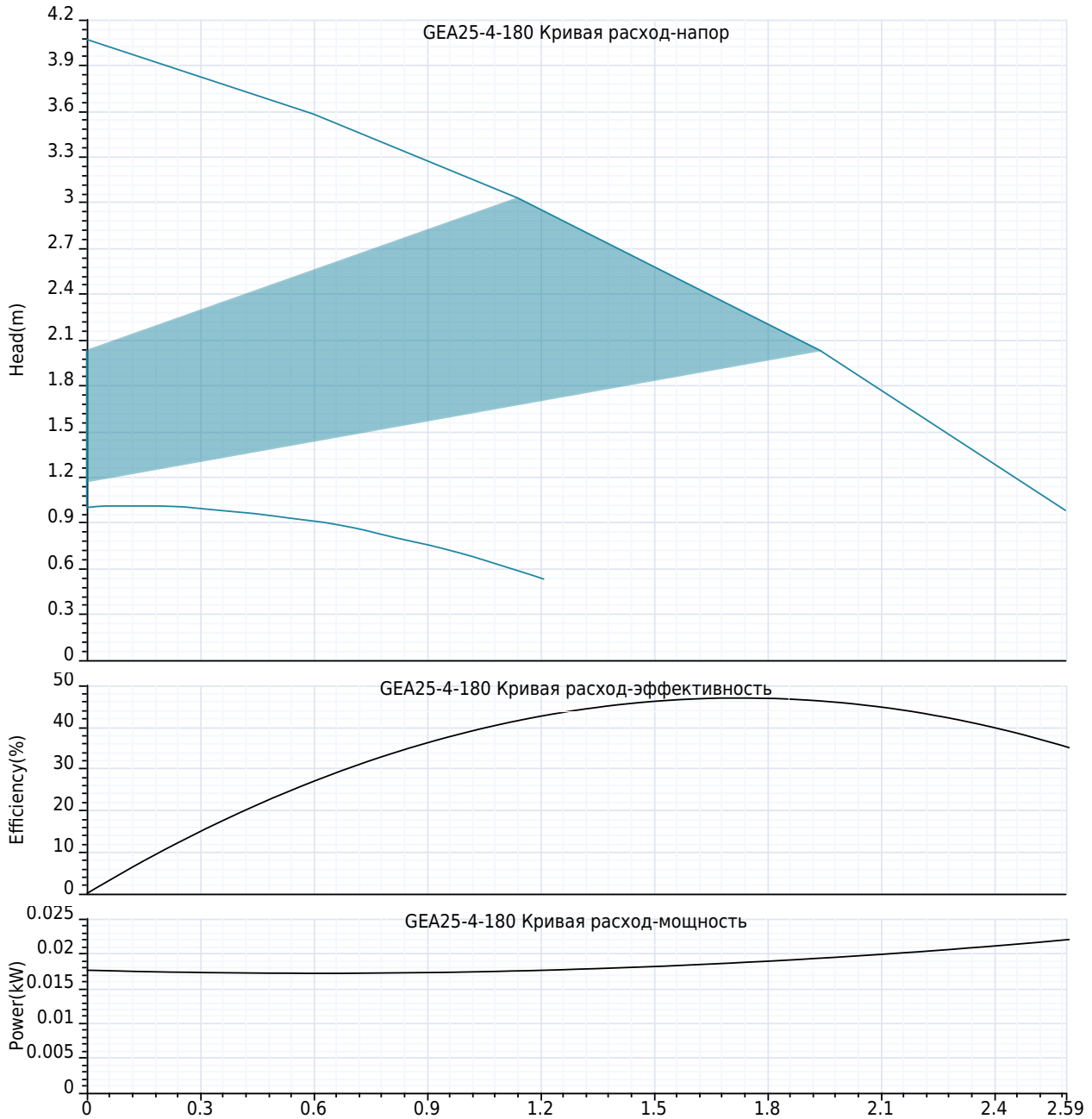
#### **МЕРЫ ПРЕДОСТОРОЖНОСТИ ПРИ ИСПОЛЬЗОВАНИИ НАСОСА**

Максимальное давление в системе: 10 бар; устанавливается в системе циркуляции отопления;  
требования к использованию: работа без воды не должна превышать 10 с;  
температура окружающей среды: 0 ~ 40°C.



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**Модель: GEA25-4-180**

**Технология:**

Максимальный расход:	2.6 m <sup>3</sup> /h
Максимальный напор:	4 m
Номинальный расход:	1.8 m <sup>3</sup> /h

**Установка:**

Тип соединения:	Нить
Макс. давление/температура(низкая температура):	10 bar
Номинальное давление:	10 bar
Размер входа:	1½"
Размер на выходе:	1½"

**Материал:**

Корпус насоса:	литейный чугун
Рабочее колесо:	PES
Уплотнение:	-

**Температура окружающей среды:**

Температура окружающей среды:	40 °C
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**Двигатель:**

Номер фазы двигателя:	1
Степень защиты:	44
Класс изоляции:	F
Мощность двигателя:	20 W kW
Частота мощности:	50/60 Hz
Номинальное напряжение:	230 V
Номинальный ток:	0.19 A

**Тип и температура жидкости:**

Транспортируемая жидкость:	Чистая вода
окружающая среда:	2 °C ~ 110 °C

**Другие:**

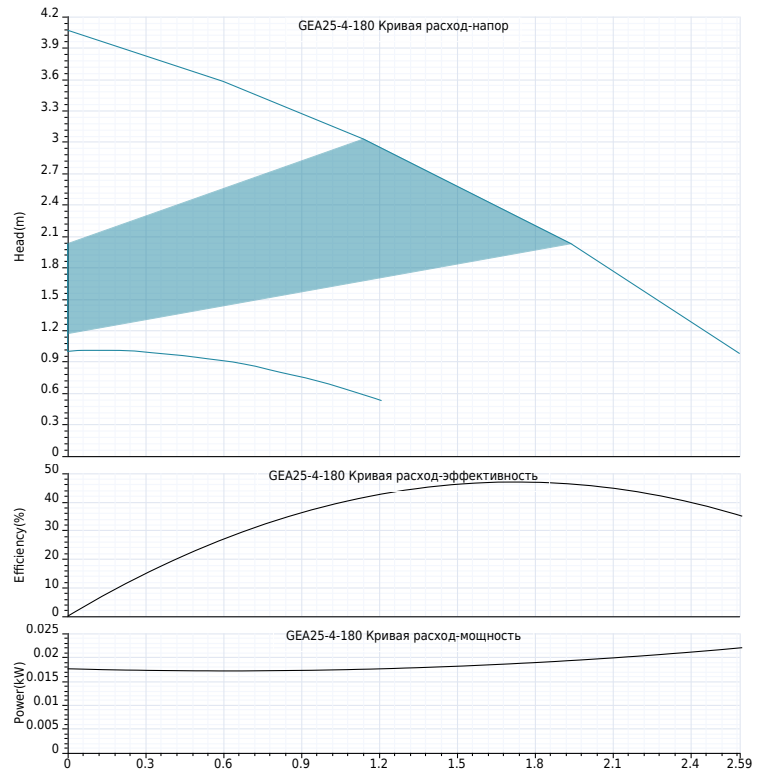
вес нетто:	18.4 Kg
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Пояснение	Числовое значение
<b>Технология:</b>	
Максимальный расход:	2.6 m³/h
Максимальный напор:	4 m
Номинальный расход:	1.8 m³/h
<b>Установка:</b>	
Тип соединения:	Нить
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Номинальное давление:	10 bar
Размер входа:	1½"
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<b>Материал:</b>	
Корпус насоса:	литейный чугун
Рабочее колесо:	PES
Уплотнение:	-
<b>Температура окружающей среды:</b>	
Температура окружающей среды:	40 °C
<b>Двигатель:</b>	
Номер фазы двигателя:	1
Степень защиты:	44
Класс изоляции:	F
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Частота питания:	50/60 Hz
Номинальное напряжение:	230 V
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<b>Тип и температура жидкости:</b>	
Транспортируемая жидкость:	Чистая вода
окружающая среда:	2 °C ~ 110 °C
<b>Другие:</b>	
вес нетто:	18.4 Kg





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<div data-bbox="1085 1825 1292 1982"> <p>L : 180mm                      L1 : 80mm                      B : 155mm                      B1 : 105mm                      H : 129mm                      H1 : 101mm                      G : 1 1/2"</p> </div>																																																											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;"><b>GB/T 1804--r</b></td> <td style="width: 15%;"><b>GB/T 1804--r</b></td> <td style="width: 70%;"></td> </tr> <tr> <td><b>Line drawing:</b></td> <td></td> <td style="text-align: center;"><b>GEA25-4-180</b></td> </tr> <tr> <td>0.5-5</td> <td>±0.1</td> <td></td> </tr> <tr> <td>6-30</td> <td>±0.2</td> <td></td> </tr> <tr> <td>30-120</td> <td>±0.3</td> <td></td> </tr> <tr> <td>120-400</td> <td>±0.5</td> <td></td> </tr> <tr> <td>400-1000</td> <td>±0.8</td> <td></td> </tr> <tr> <td>1000-5000</td> <td>±1.0</td> <td></td> </tr> <tr> <td><b>Model's tolerance</b></td> <td></td> <td></td> </tr> <tr> <td>0.5-3</td> <td>±0.2</td> <td></td> </tr> <tr> <td>3-6</td> <td>±0.5</td> <td></td> </tr> <tr> <td>6-30</td> <td>±1</td> <td></td> </tr> <tr> <td>30-100</td> <td>±2</td> <td></td> </tr> <tr> <td><b>Line drawing's tolerance</b></td> <td></td> <td></td> </tr> <tr> <td>&lt;10</td> <td>±1*</td> <td></td> </tr> <tr> <td>10-50</td> <td>±30%</td> <td></td> </tr> <tr> <td>50-120</td> <td>±20%</td> <td></td> </tr> <tr> <td>120-400</td> <td>±10%</td> <td></td> </tr> <tr> <td>&gt;400</td> <td>±5%</td> <td></td> </tr> </table>			<b>GB/T 1804--r</b>	<b>GB/T 1804--r</b>		<b>Line drawing:</b>		<b>GEA25-4-180</b>	0.5-5	±0.1		6-30	±0.2		30-120	±0.3		120-400	±0.5		400-1000	±0.8		1000-5000	±1.0		<b>Model's tolerance</b>			0.5-3	±0.2		3-6	±0.5		6-30	±1		30-100	±2		<b>Line drawing's tolerance</b>			<10	±1*		10-50	±30%		50-120	±20%		120-400	±10%		>400	±5%	
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<b>Stroke/step and tolerance</b>			
<10	±0.02		
10-30	±0.05		
30-100	±0.1		
100-300	±0.2		
300-1000	±0.3		
<b>Max. size</b>	<b>0.1</b>		
<b>Positional tolerance</b>			
<b>for parallelism</b>			
<100	0.2		
100-300	0.3		
>300-1000	0.4		
<b>Unilateral tolerance value</b>			
<b>Max. size</b>	<b>0.5</b>		
<b>Unilateral tolerance value</b>			
<b>for straightness</b>			
<b>Max. size</b>	<b>0.1</b>		

Designation		Code	View	Weight	Scale
Description		Version	A	2.3 Kg	1:1
Calibrate		B	B		
Registration		Approval			
Signature		Date	2022.3.16		
Date		Code			
		Version			
		Weight			
		Scale			
		<b>Dimension drawing</b>			
		GEA25-4-180			



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±42.0		200000000000000000-400000000000000000 ±43.0		400000000000000000-1000000000000000000 ±44.0		1000000000000000000-2000000000000000000 ±45.0		2000000000000000000-4000000000000000000 ±46.0		4000000000000000000-10000000000000000000 ±47.0		10000000000000000000-20000000000000000000 ±48.0		20000000000000000000-40000000000000000000 ±49.0		40000000000000000000-100000000000000000000 ±50.0		100000000000000000000-200000000000000000000 ±51.0		200000000000000000000-400000000000000000000 ±52.0		400000000000000000000-1000000000000000000000 ±53.0		1000000000000000000000-2000000000000000000000 ±54.0		2000000000000000000000-4000000000000000000000 ±55.0		4000000000000000000000-10000000000000000000000 ±56.0		10000000000000000000000-20000000000000000000000 ±57.0		20000000000000000000000-40000000000000000000000 ±58.0		40000000000000000000000-100000000000000000000000 ±59.0		100000000000000000000000-200000000000000000000000 ±60.0		200000000000000000000000-400000000000000000000000 ±61.0		400000000000000000000000-1000000000000000000000000 ±62.0		1000000000000000000000000-2000000000000000000000000 ±63.0		2000000000000000000000000-4000000000000000000000000 ±64.0		4000000000000000000000000-10000000000000000000000000 ±65.0		10000000000000000000000000-20000000000000000000000000 ±66.0		20000000000000000000000000-40000000000000000000000000 ±67.0		40000000000000000000000000-100000000000000000000000000 ±68.0		100000000000000000000000000-200000000000000000000000000 ±69.0		200000000000000000000000000-400000000000000000000000000 ±70.0		400000000000000000000000000-1000000000000000000000000000 ±71.0		1000000000000000000000000000-2000000000000000000000000000 ±72.0		2000000000000000000000000000-4000000000000000000000000000 ±73.0		4000000000000000000000000000-10000000000000000000000000000 ±74.0		10000000000000000000000000000-20000000000000000000000000000 ±75.0		20000000000000000000000000000-40000000000000000000000000000 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style="width: 95%;">Part Name</th> </tr> <tr> <td>1</td> <td>Pump Heads</td> </tr> <tr> <td>2</td> <td>Rotor Assembly</td> </tr> <tr> <td>3</td> <td>Flat Seal Gasket</td> </tr> <tr> <td>4</td> <td>Shield Sleeve</td> </tr> <tr> <td>5</td> <td>Seal Gasket</td> </tr> <tr> <td>6</td> <td>Stator</td> </tr> <tr> <td>7</td> <td>Hexagon socket head cap screws</td> </tr> <tr> <td>8</td> <td>Cylinders</td> </tr> <tr> <td>9</td> <td>O-Ring</td> </tr> <tr> <td>10</td> <td>Bleeder Plug</td> </tr> <tr> <td>11</td> <td>Nameplate</td> </tr> <tr> <td>12</td> <td>Junction box holders</td> </tr> <tr> <td>13</td> <td>Cross recessed pan head screws</td> </tr> <tr> <td>14</td> <td>Control Board</td> </tr> <tr> <td>15</td> <td>Junction box cover</td> </tr> <tr> <td>16</td> <td>Cross recessed self-tapping screws</td> </tr> </table>	NO.	Part Name	1	Pump Heads	2	Rotor Assembly	3	Flat Seal Gasket	4	Shield Sleeve	5	Seal Gasket	6	Stator	7	Hexagon socket head cap screws	8	Cylinders	9	O-Ring	10	Bleeder Plug	11	Nameplate	12	Junction box holders	13	Cross recessed pan head screws	14	Control Board	15	Junction box cover	16	Cross recessed self-tapping screws
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