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**Customer**

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# Technical data

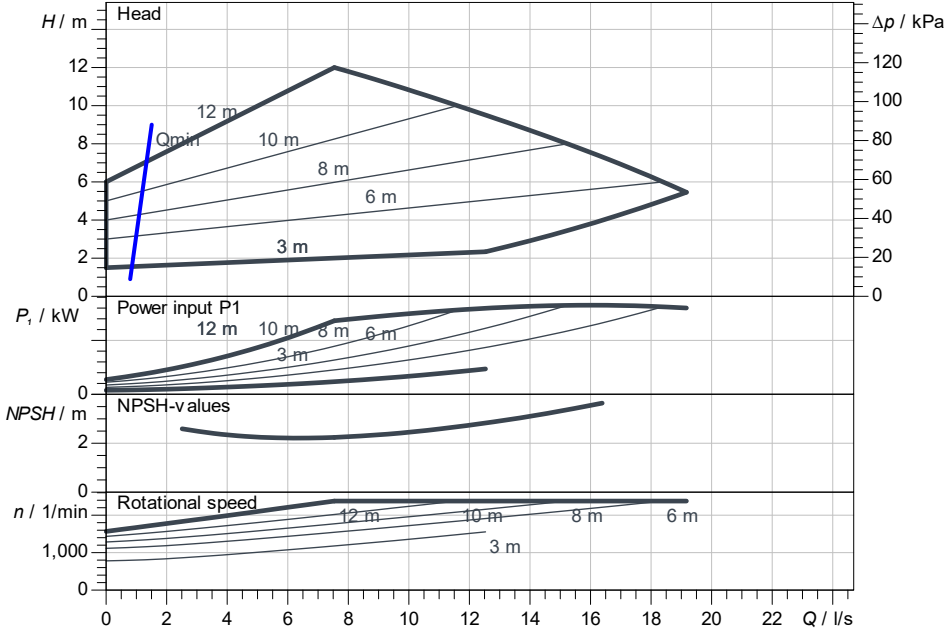
## Glanded high-efficiency single pump Stratos GIGA2.0-I 80/1-13/1,5

Project ID: Untitled project 2025-03-04 05:18:48.548

Project name  
Installation location  
Customer pos. No.

Date: 2025-03-04

### Duty chart



### Requested data

|                   |                          |
|-------------------|--------------------------|
| Flow              |                          |
| Head              |                          |
| Media             | Water 100 %              |
| Fluid temperature | 20.00 °C                 |
| Density           | 998.30 kg/m <sup>3</sup> |
| Kin. viscosity    | 1.00 mm <sup>2</sup> /s  |

### Hydraulic data (Duty point)

|                |  |
|----------------|--|
| Flow           |  |
| Head           |  |
| Power input P1 |  |
| NPSH           |  |

### Product data

|  |                    |
|--|--------------------|
| Glanded high-efficiency single pump<br>Stratos GIGA2.0-I 80/1-13/1,5 |                    |
| Kind of operation  | dp-v               |
| Max. operating pressure  | 1,600 kPa          |
| Fluid temperature  | -20 °C ... +140 °C |
| Max. ambient temperature   | 50 °C              |
| Minimum efficiency index (MEI)                                       | ≥ 0.7              |

### Motordata per Motor/Pump

|                             |                  |
|-----------------------------|------------------|
| Motor design                | EC motor         |
| Efficiency class            | IE5              |
| Mains connection            | 3~ 400 V / 50 Hz |
| Permitted voltage tolerance | +10 %            |
| Max. speed                  | 2,100 1/min      |
| Rated power P2              | 1.50 kW          |
| Rated current               | 2.70 A           |
| Degree of protection        | IP55             |
| Insulation class            | F                |
| Motor protection            | PTC integrated   |

### Fitting dimensions

|                                     |              |
|-------------------------------------|--------------|
| Pipe connection on the suction side | DN 80, PN 16 |
| Pipe connection (pressure side)     | DN 80, PN 16 |
| Port to Port                        | 360 mm       |

### Materials

|              |                                  |
|--------------|----------------------------------|
| Pump housing | 5.1301/EN-GJL-250                |
| Impeller     | PPS-GF40                         |
| Lantern      | 5.1301, EN-GJL-250 cataphoretic- |
| Shaft        | 1.4057                           |
| Shaft seal   | AQ1EGG                           |

### Information for order placements

|                |         |
|----------------|---------|
| Weight approx. | 46 kg   |
| Item number    | 2204747 |

