

# Submittal Data Sheet

## High Efficiency In-Line Pump

### Wilo-Stratos GIGA 2.0-I



Project:

Engineer:

Contractor:

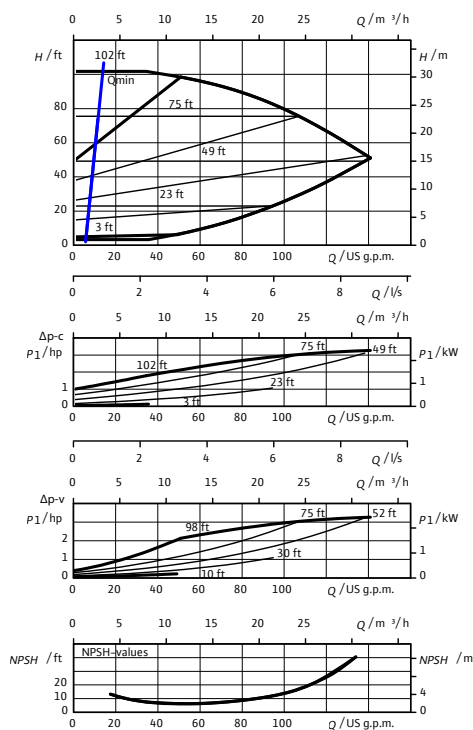
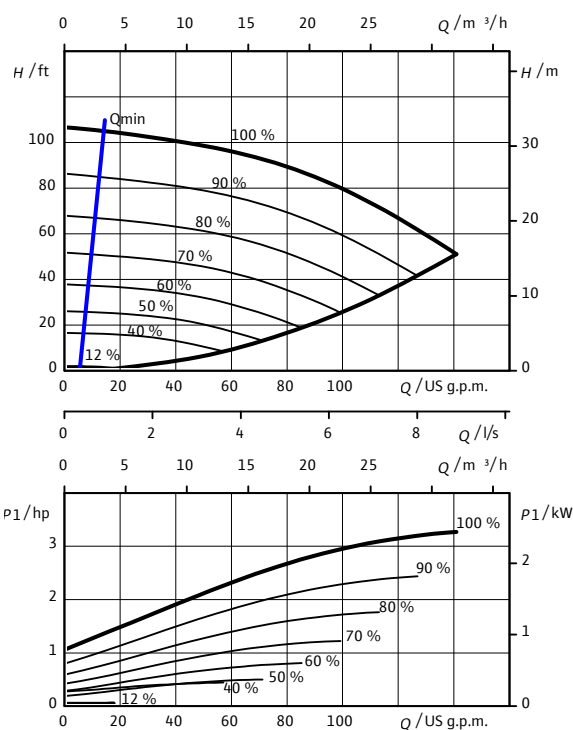
Submitted By:

Date:

Approved By:

Date:

| Tag # | Model #                            | Flow | Head | Control Mode | Cycle | Phase | Voltage |
|-------|------------------------------------|------|------|--------------|-------|-------|---------|
|       | Stratos GIGA2.0-I<br>1.5/3-105/3.0 |      |      |              |       | 3     | 460     |



| Technical Data         |                                                                              |
|------------------------|------------------------------------------------------------------------------|
| PEI                    | 0.4                                                                          |
| Liquid Temp Range      | 15°F to 284°F (-10°C to +140°C)                                              |
| Fluid Capability       | Water<br>50/50 Water-Glycol Mixtures                                         |
| Max Operating Pressure | 232 PSI (16 BAR)                                                             |
| Mains Voltage          | 3~480 V ±10%, 60 Hz<br>3~400 V ±10%, 50/60 Hz<br>3~380 V -5 % +10%, 50/60 Hz |
| Protection Class       | IP 55, Class F Insulation                                                    |
| Ambient Temp Range     | 32°F to 122°F (0°C to 50°C)                                                  |
| Max Relative Humidity  | < 95%, non-condensing                                                        |
| Sound Level            | < 74 dB (A)                                                                  |

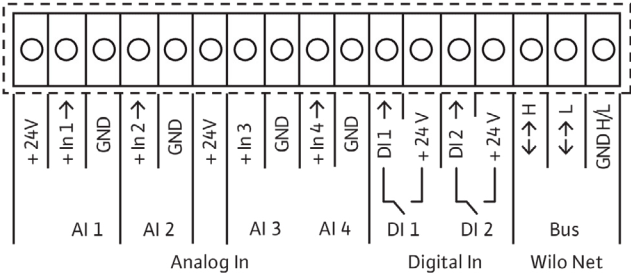
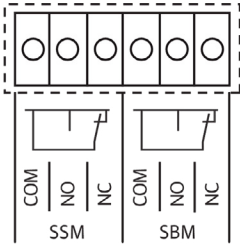
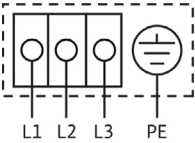
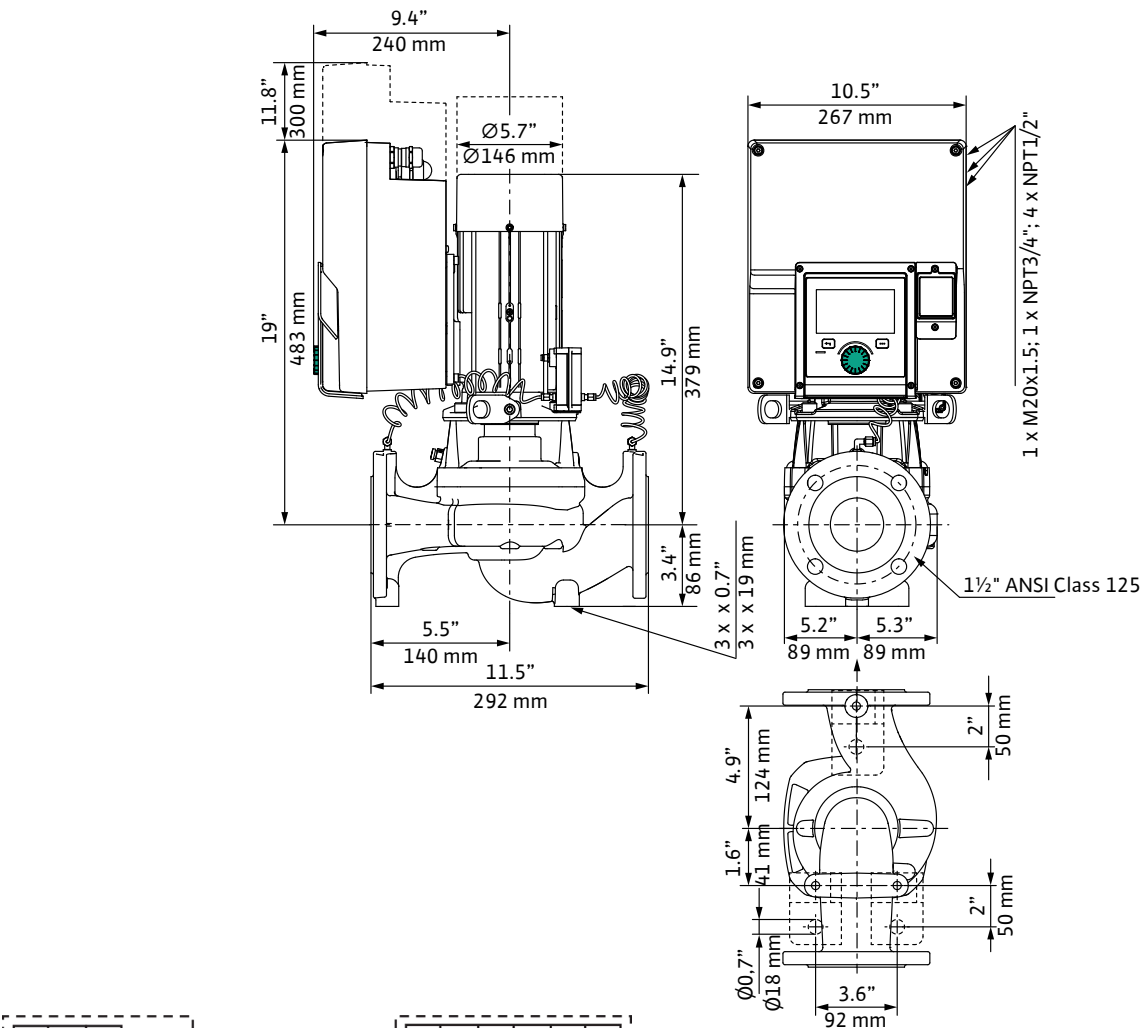
| Applications                     |                            |
|----------------------------------|----------------------------|
| • Hot Water Heating Systems      | • Closed Cooling Circuits  |
| • Industrial Circulation Systems | • Air-conditioning Systems |
| • Solar                          | • Geothermal               |

| Materials of Construction |                                                                   |
|---------------------------|-------------------------------------------------------------------|
| Pump Volute               | Cast Iron Cataphoresis Coated<br>EN-GJL-250 (ASTM A48, class 40B) |
| Impeller                  | Composite (PPS-GF40)<br>Integral Stainless Inlet                  |
| Shaft                     | Stainless Steel (AISI 420 / 1.4122)                               |
| Mechanical Seal           | Sic/Sic-NBR (Q7Q7X4GG)                                            |

Approval Stamp

Submittal Data Sheet  
High-Efficiency In-Line Pump

Wilo-Stratos GIGA 2.0-I



EC Motor Data (Single Motor Operation)

|                                 | Weight<br>lbs (kg) | P <sub>2</sub> Rated | P <sub>1</sub> | Speed    | FLA    |
|---------------------------------|--------------------|----------------------|----------------|----------|--------|
| Model                           |                    | hp                   | kW             | RPM      | 3~460V |
| Stratos GIGA2.0-I 1.5/3-105/3.0 | 81.57 (37)         | 3                    | 2.4            | 500-5500 | 3.5A   |