

# Submittal Data Sheet

## Wilo-Stratos GIGA - High-Efficiency In-Line Pumps

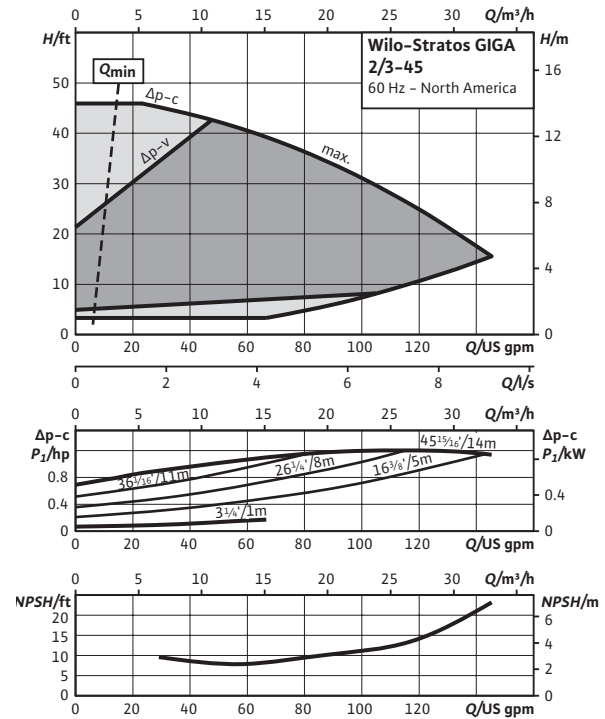
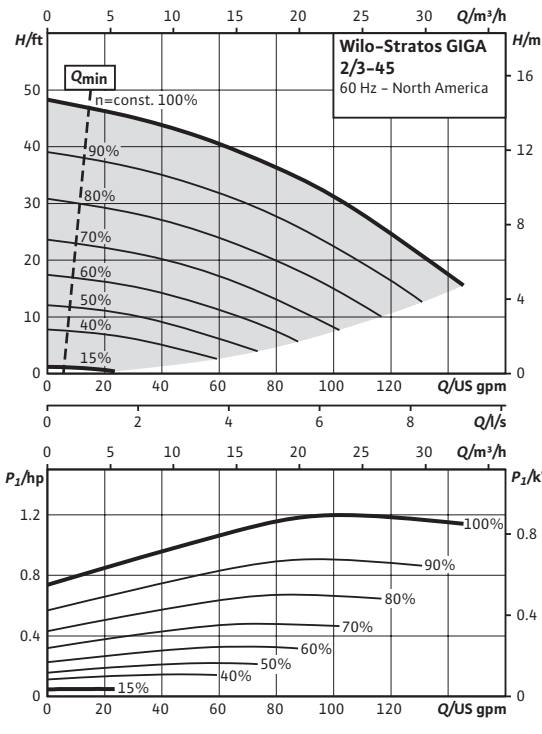


### Wilo-Stratos GIGA 2/3-45



|               |       |
|---------------|-------|
| Project:      |       |
| Engineer:     |       |
| Contractor:   |       |
| Submitted By: | Date: |
| Approved By:  | Date: |

| Tag # | Model #                  | Flow | Head | Control Mode | Cycle | Phase | Voltage |
|-------|--------------------------|------|------|--------------|-------|-------|---------|
|       | Wilo-Stratos GIGA 2/3-45 |      |      |              |       | 3     | 460     |

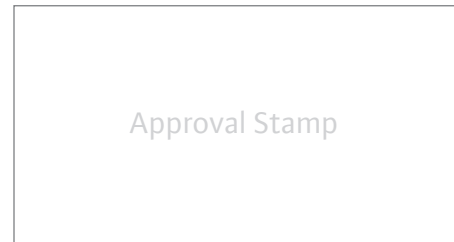


| Technical Data         |  |
|------------------------|--|
| Liquid Temp Range      | -4°F to 248°F (-20°C to +120°C)                                      |
| Fluid Capability       | Water<br>50/50 Water-Glycol Mixtures                                 |
| Max Operating Pressure | 232 PSI<br>248°F (water only)<br>194°F (50% propylene)               |
| Mains Voltage          | 3- 380-480V ±10% 50/60Hz   |
| Protection Class       | IP 55, Class F Insulation  |
| Ambient Temp Range     | 32°F to 104°F (0°C to 40°C)  |
| Max Relative Humidity  | 32°F to 86°F (0°C to 30°C): 90%<br>87°F to 104°F (31°C to 40°C): 60% |
| Sound Level            | < 74 dBA   |

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

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

| IR Module Selection |                      |                |
|---------------------|----------------------|----------------|
| Module 1            | Module               | Article Number |
|                     | BACnet / Dual Pump   | 2097811        |
|                     | LONworks / Dual Pump | 2022530        |
|                     | MODBus               | 2097809        |
|                     | None                 | None           |

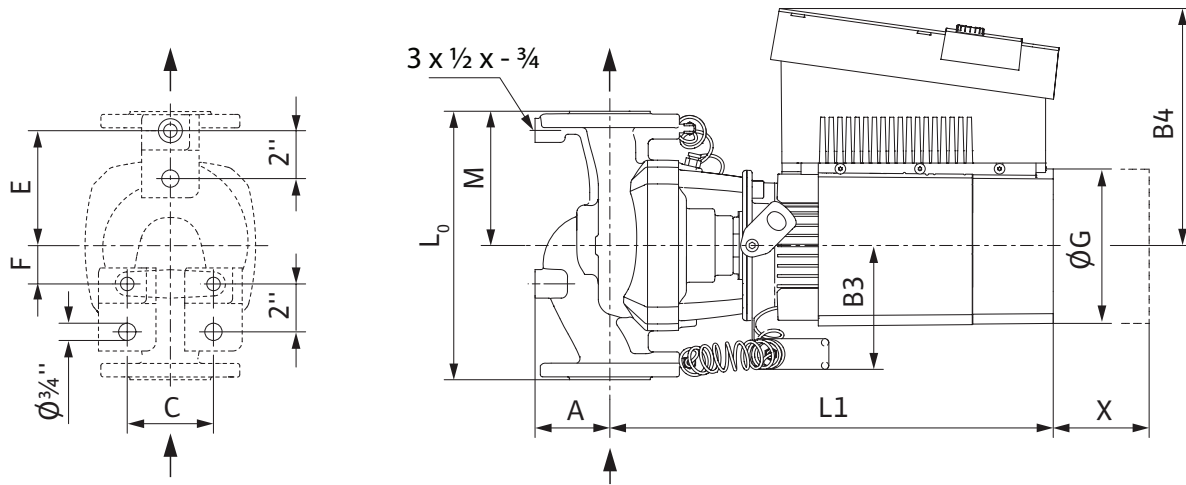


# Submittal Data Sheet

Wilo-Stratos GIGA - High-Efficiency In-Line Pumps



## Dimensions & Weights

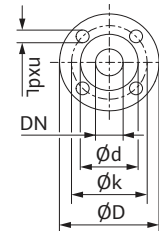


## Dimensions and Weights

| Model                       | Dimensions - Inches (mm) |      |      |      |                                |       |                               |                               |                               |                               |                                |                                |       |                               | Weight<br>lbs (kg) |
|-----------------------------|--------------------------|------|------|------|--------------------------------|-------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|-------|-------------------------------|--------------------|
|                             | I <sub>0</sub>           | A    | B1   | B2   | B3                             | B4    | C                             | E                             | F                             | ØG                            | H                              | L1                             | M     | X                             |                    |
| Wilo-Stratos<br>GIGA 2/3-45 | 12                       | 3½   | 3½   | 3½   | 5 <sup>3</sup> / <sub>16</sub> | 9¾    | 3 <sup>5</sup> / <sub>8</sub> | 4 <sup>7</sup> / <sub>8</sub> | 1 <sup>5</sup> / <sub>8</sub> | 6 <sup>5</sup> / <sub>8</sub> | 10 <sup>7</sup> / <sub>8</sub> | 18 <sup>1</sup> / <sub>8</sub> | 5½    | 8 <sup>7</sup> / <sub>8</sub> | 96                 |
|                             | (305)                    | (89) | (89) | (89) | (129)                          | (248) | (92)                          | (124)                         | (41)                          | (168)                         | (277)                          | (460)                          | (140) | (225)                         | (44)               |

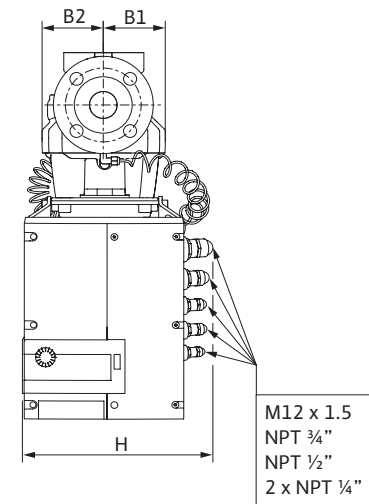
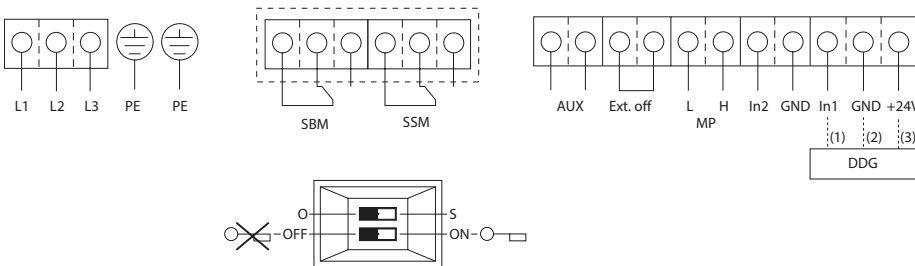
## Flange Dimensions - 125#ANSI

| Dimensions - Inches (mm) |       |                                |       |                     |
|--------------------------|-------|--------------------------------|-------|---------------------|
| Dia.                     | ØD    | Ød                             | Øk    | n x Ød <sub>L</sub> |
| 2"                       | 6½    | 4 <sup>3</sup> / <sub>16</sub> | 4¾    | 4 x ¾               |
|                          | (165) | (106)                          | (121) | (4 x 19)            |



## EC Motor Data (Single Motor Operation)

| Model                    | P <sub>2</sub> Rated | P <sub>1</sub> | Speed    | FLA    |
|--------------------------|----------------------|----------------|----------|--------|
|                          | hp                   | kW             | RPM      | 3~480V |
| Wilo-Stratos GIGA 2/3-45 | 1.2                  | 0.9            | 500-3300 | 1.2    |



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