

# Submittal Data Sheet

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

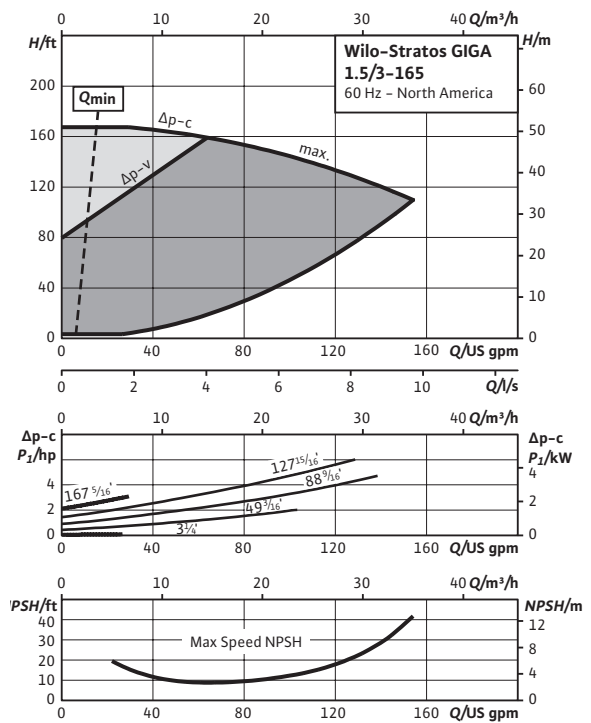
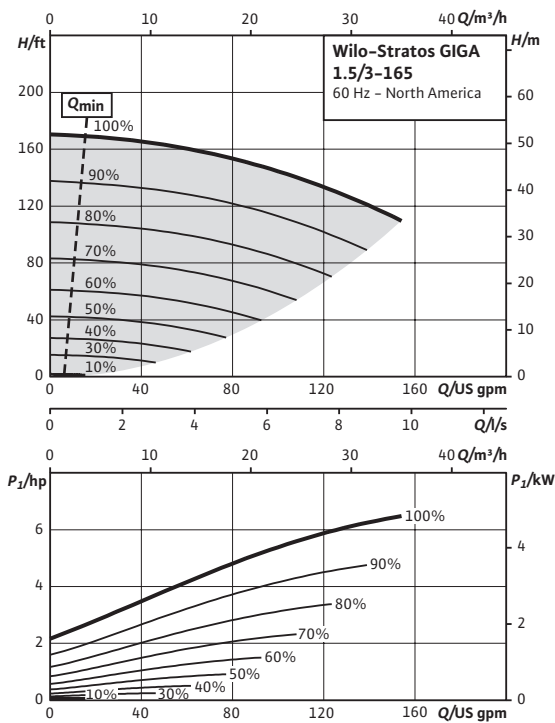


### Wilo-Stratos GIGA 1.5/3-165



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

Tag #	Model #	Flow	Head	Control Mode	Cycle	Phase	Voltage
	Wilo-Stratos GIGA 1.5/3-165					3	460

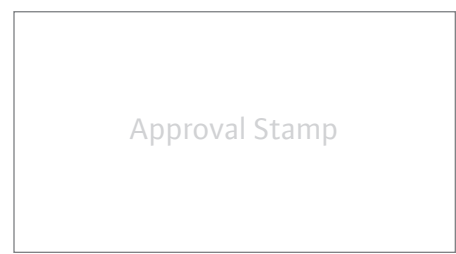


Technical Data	
Liquid Temp Range	-4°F to 248°F (-20°C to +120°C)
Fluid Capability	Water 50/50 Water-Glycol Mixtures
Max Operating Pressure	232 PSI 248°F (water only) 194°F (50% propylene)
Mains Voltage	3- 380-480V ±10% 50/60Hz
Protection Class	IP 55, Class F Insulation
Ambient Temp Range	32°F to 104°F (0°C to 40°C)
Max Relative Humidity	32°F to 86°F (0°C to 30°C): 90% 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) Integral Stainless Inlet
Shaft	Stainless Steel (AISI 420 / 1.4122)
Mechanical Seal	SiC/SiC-NBR (Q7Q7X4GG)

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

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

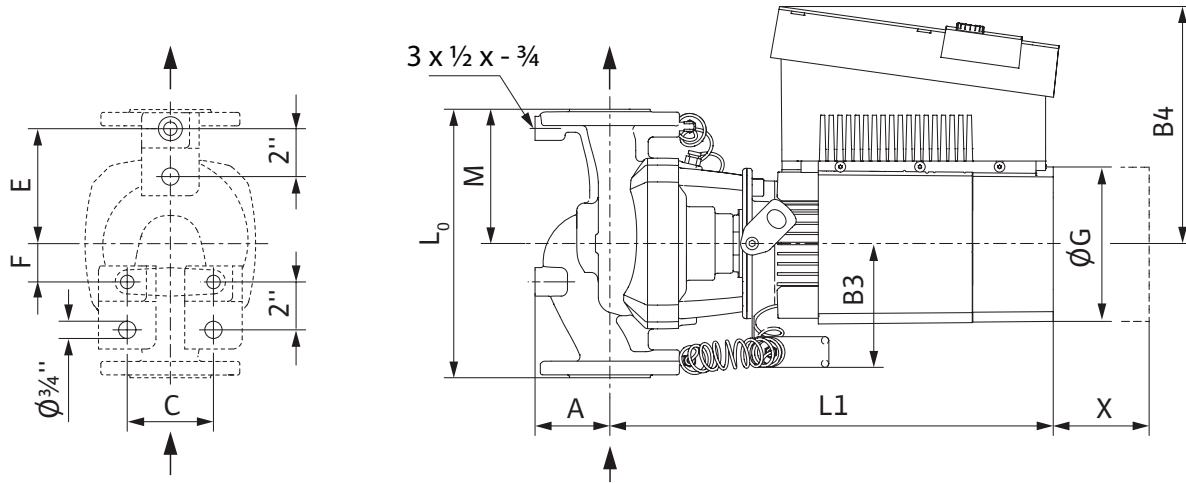


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## Dimensions & Weights

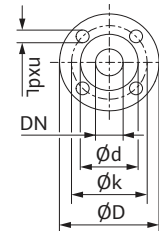


## Dimensions and Weights

Model	Dimensions - Inches (mm)														Weight lbs (kg)
	I <sub>0</sub>	A	B1	B2	B3	B4	C	E	F	ØG	H	L1	M	X	
Wilo-Stratos GIGA 1.5/3-165	11½ (292)	3¾ (86)	3½ (89)	3½ (89)	5 <sup>1</sup> / <sub>16</sub> (129)	9¾ (248)	3 <sup>5</sup> / <sub>8</sub> (92)	4 <sup>7</sup> / <sub>8</sub> (124)	1 <sup>5</sup> / <sub>8</sub> (41)	6 <sup>5</sup> / <sub>8</sub> (168)	10 <sup>7</sup> / <sub>8</sub> (277)	18¼ (463)	5½ (140)	8 <sup>7</sup> / <sub>8</sub> (225)	89 (41)

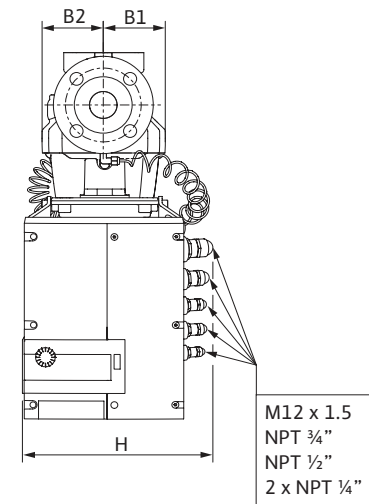
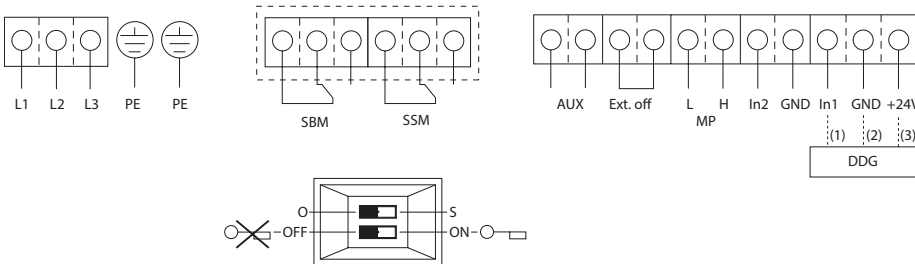
## Flange Dimensions - 125#ANSI

Dimensions - Inches (mm)				
Dia.	ØD	Ød	Øk	n x Ød <sub>L</sub>
1.5"	6 <sup>1</sup> / <sub>8</sub> (155)	3 <sup>9</sup> / <sub>16</sub> (90)	3 <sup>7</sup> / <sub>8</sub> (99)	4 x 5/8 (4 x 16)



## EC Motor Data (Single Motor Operation)

Model	P <sub>2</sub> Rated	P <sub>1</sub>	Speed	FLA
	hp	kW	RPM	3~480V
Stratos GIGA 1.5/3-165	6.4	4.8	500-5130	6.1A



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