

Submittal Data Sheet

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

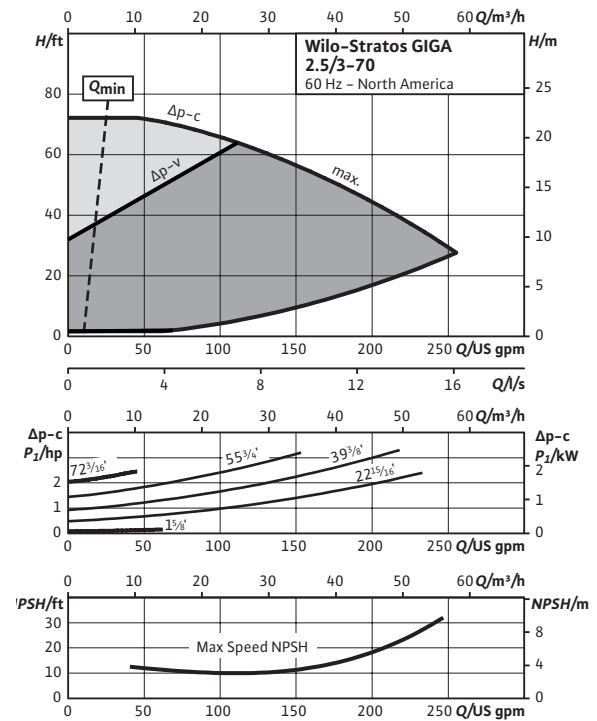
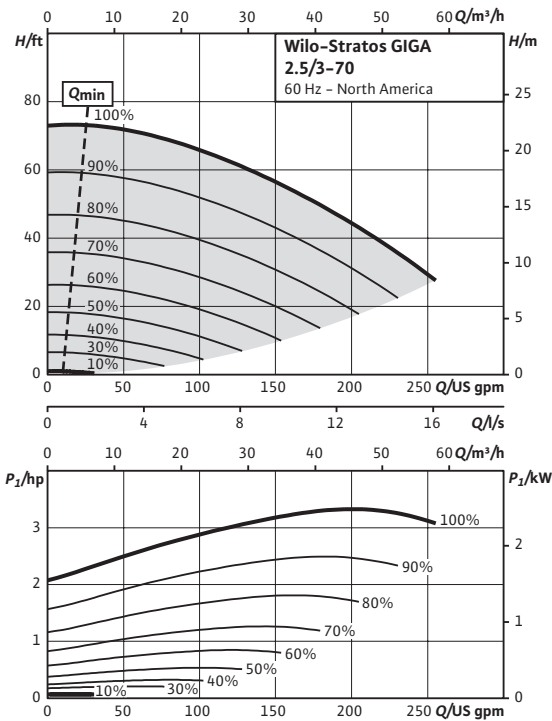


Wilo-Stratos GIGA 2.5/3-70



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

Tag #	Model #	Flow	Head	Control Mode	Cycle	Phase	Voltage
	Wilo-Stratos GIGA 2.5/3-70					3	460

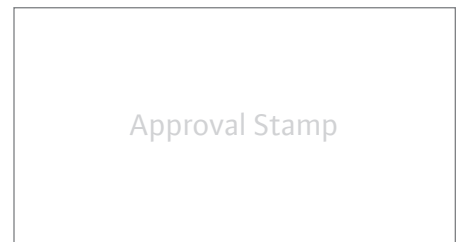


Technical Data	
Liquid Temp Range	-4°F to 248°F (-20°C to +120°C)
Fluid Capability	Water 50/50 Water-Glycol Mixtures
Max Operating Pressure	232 PSI 248°F (water only) 194°F (50% propylene)
Mains Voltage	3- 380-480V ±10% 50/60Hz
Protection Class	IP 55, Class F Insulation
Ambient Temp Range	32°F to 104°F (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

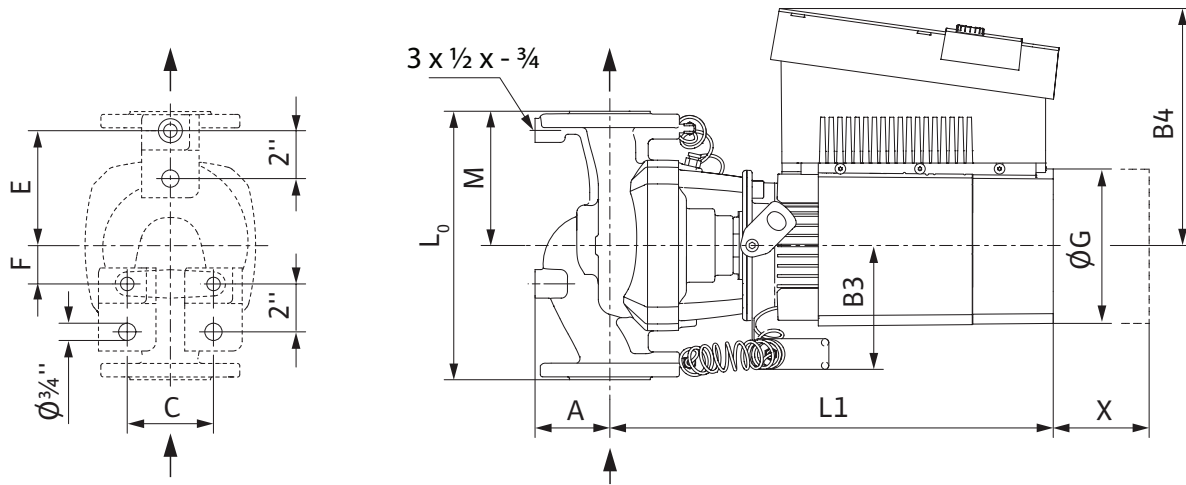


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Dimensions & Weights

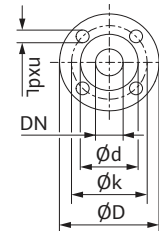


Dimensions and Weights

Model	Dimensions - Inches (mm)														Weight lbs (kg)
	I ₀	A	B1	B2	B3	B4	C	E	F	ØG	H	L1	M	X	
Wilo-Stratos GIGA 2.5/3-70	15 (381)	4 (101)	3¾ (95)	4 ^{1/16} (103)	5 ^{1/16} (129)	9¾ (248)	4 (102)	6½ (165)	3 (76)	6 ^{5/8} (168)	10 ^{7/8} (277)	17 ^{7/8} (454)	7¼ (184)	8 ^{7/8} (225)	103 (47)

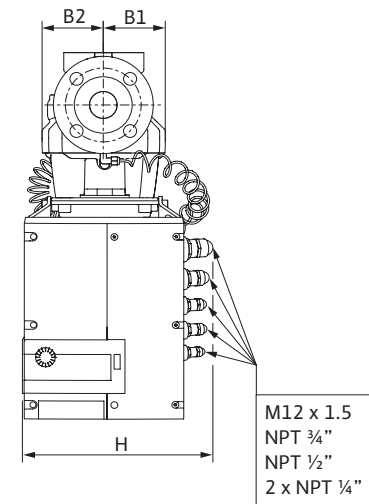
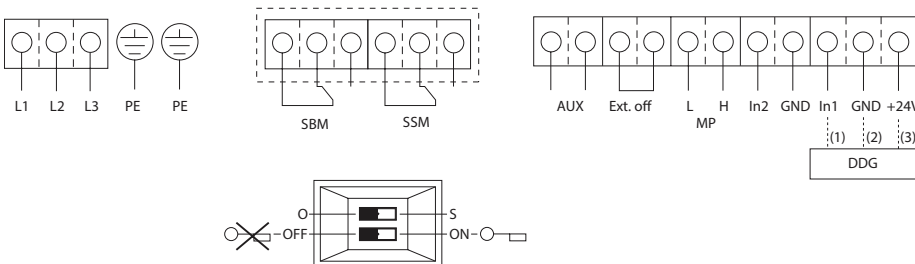
Flange Dimensions - 125#ANSI

Dimensions - Inches (mm)				
Dia.	ØD	Ød	Øk	n x Ød _L
2.5"	7 ^{9/32} (185)	4 ^{15/16} (126)	5½ (140)	4 x ¾ (4 x 19)



EC Motor Data (Single Motor Operation)

Model	P ₂ Rated	P ₁	Speed	FLA
	hp	kW	RPM	3~480V
Wilo-Stratos GIGA 2.5/3-70	3.4	2.5	500-4200	3.0A



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