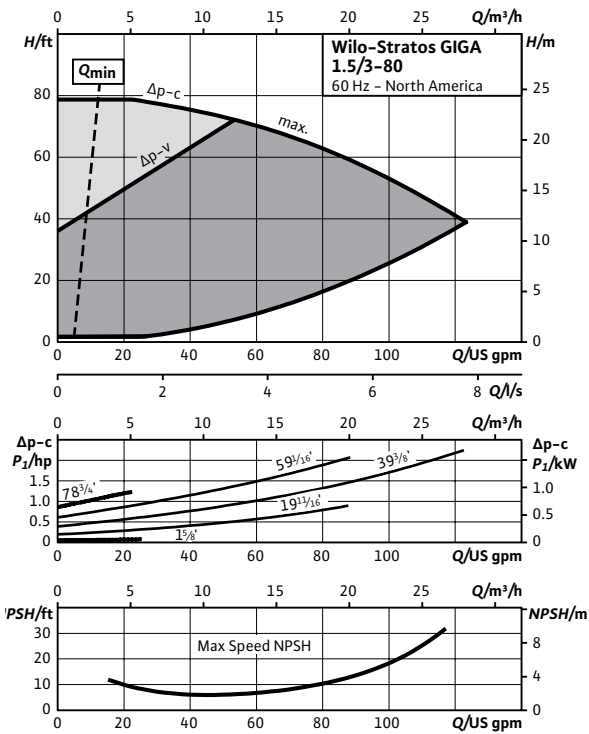
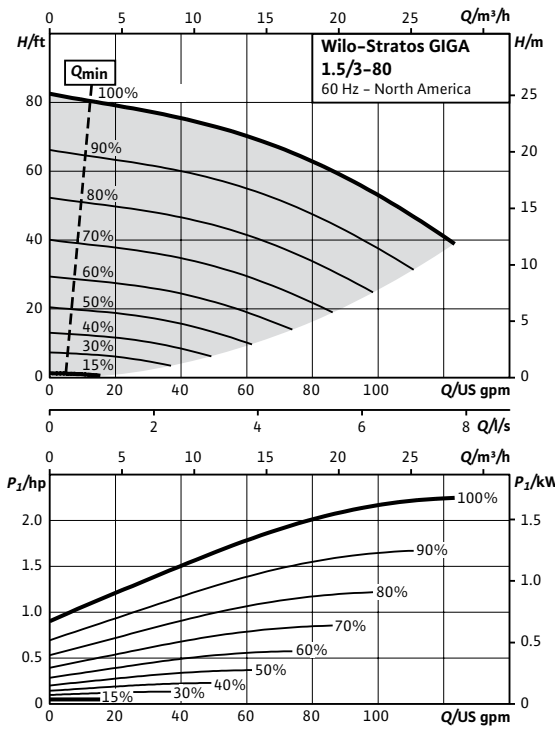


Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	Control Mode	Cycle	Phase	Voltage
	Stratos GIGA 1.5/3-80					3	460

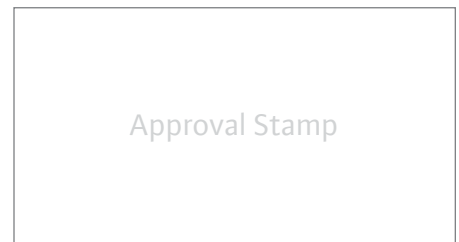


Technical Data	
PEI	0.58
Liquid Temp Range	-4°F to 248°F (-20°C to +120°C)
Fluid Capability	Water 50/50 Water-Glycol Mixtures
Max Operating Pressure	232 PSI 248°F (water only) 194°F (50% propylene)
Mains Voltage	3- 380-480V ±10% 50/60Hz
Protection Class	IP 55, Class F Insulation
Ambient Temp Range	32°F 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

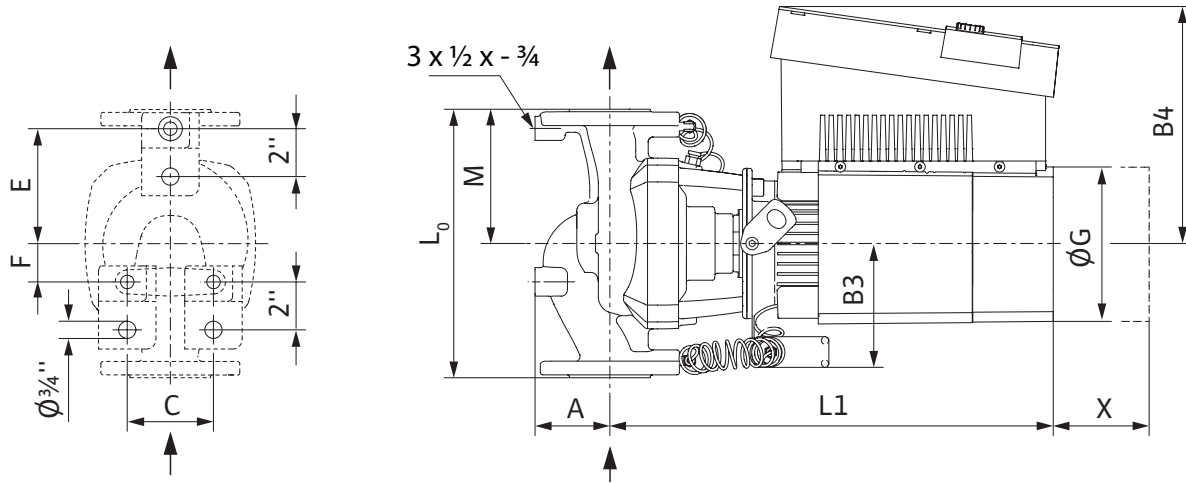
Applications	
• Hot Water Heating Systems	• Closed Cooling Circuits
• Industrial Circulation Systems	• Air-conditioning Systems
• Solar	• Geothermal



Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

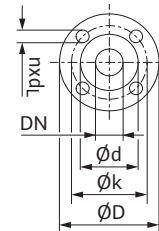


Dimensions and Weights

Model	Dimensions - Inches (mm)														Weight lbs (kg)
	I ₀	A	B1	B2	B3	B4	C	E	F	ØG	H	L1	M	X	
Stratos GIGA 1.5/3-80	11½	3¾	3½	3½	5 ¹ / ₁₆	9¾	3 ⁵ / ₈	4 ⁷ / ₈	1 ⁵ / ₈	6 ⁵ / ₈	10 ⁷ / ₈	18¼	5½	8 ⁷ / ₈	89
	(292)	(86)	(89)	(89)	(129)	(248)	(92)	(124)	(41)	(168)	(277)	(463)	(140)	(225)	(41)

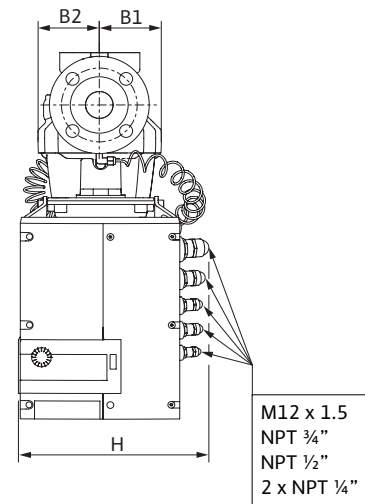
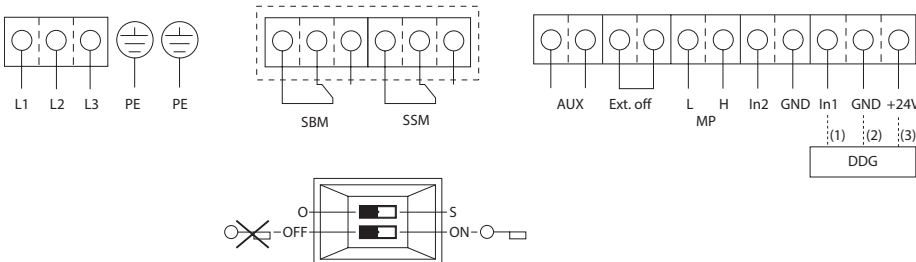
Flange Dimensions - 125#ANSI

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



EC Motor Data (Single Motor Operation)

Model	P ₂ Rated	P ₁	Speed	FLA
	hp	kW	RPM	3~480V
Stratos GIGA 1.5/3-80	2.3	1.7	500-4000	2.2A

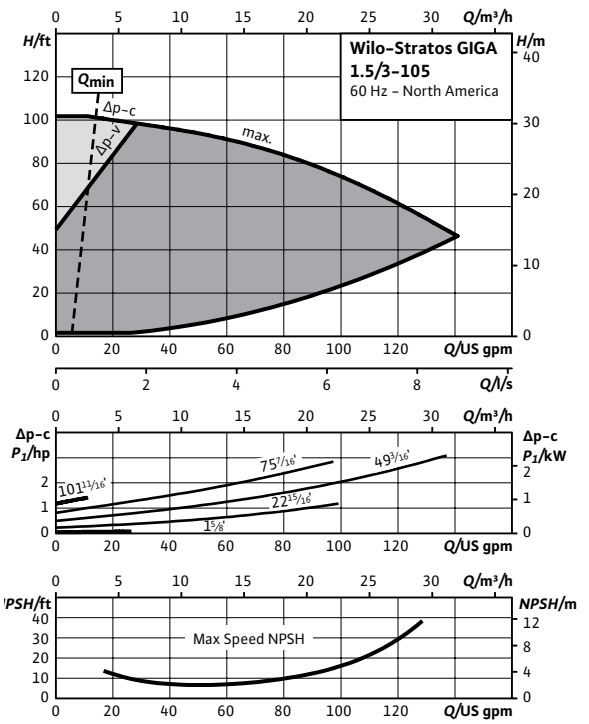
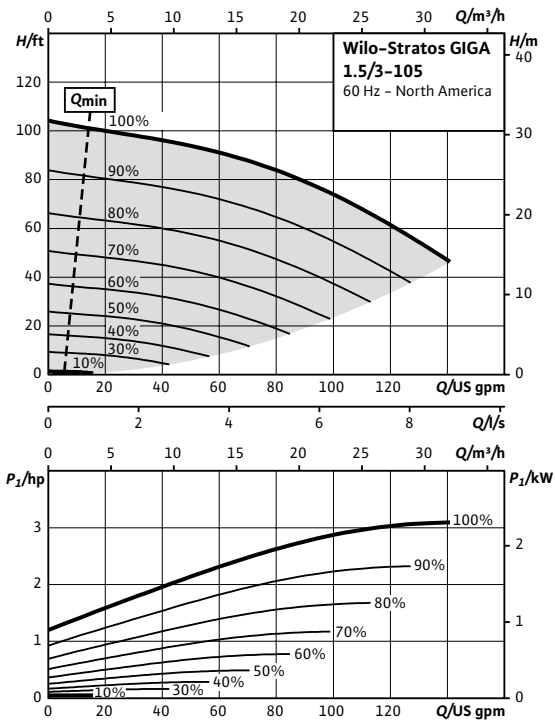


Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	Control Mode	Cycle	Phase	Voltage
	Stratos GIGA 1.5/3-105					3	460

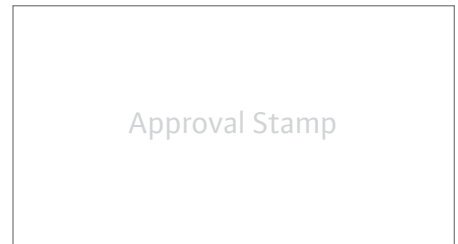


Technical Data	
Liquid Temp Range	-4°F to 248°F (-20°C to +120°C)
Fluid Capability	Water 50/50 Water-Glycol Mixtures
Max Operating Pressure	232 PSI 248°F (water only) 194°F (50% propylene)
Mains Voltage	3- 380-480V ±10% 50/60Hz
Protection Class	IP 55, Class F Insulation
Ambient Temp Range	32°F to 104°F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

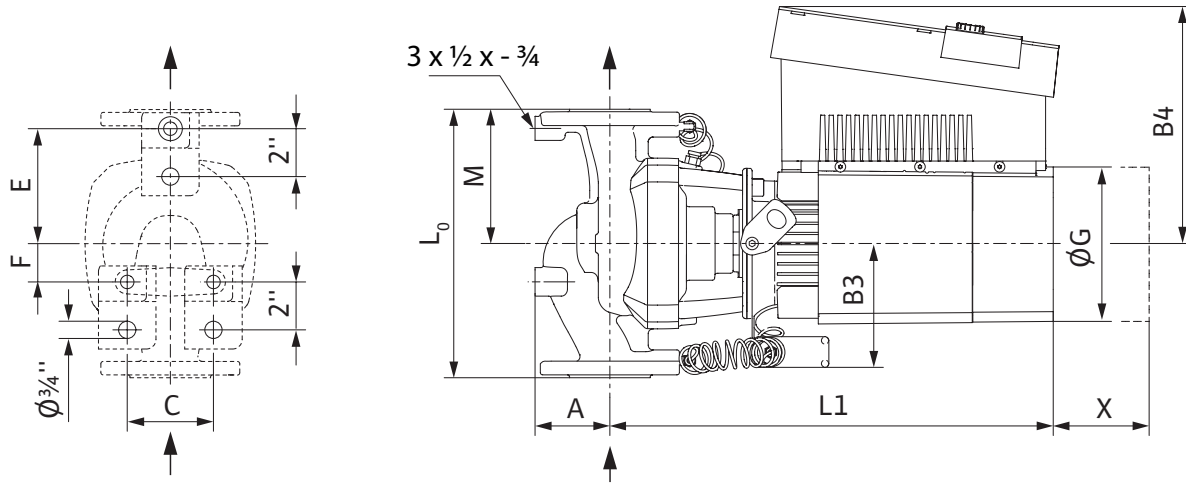
Applications	
• Hot Water Heating Systems	• Closed Cooling Circuits
• Industrial Circulation Systems	• Air-conditioning Systems
• Solar	• Geothermal



Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

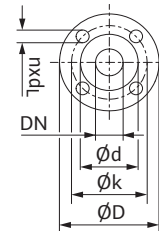


Dimensions and Weights

Model	Dimensions - Inches (mm)														Weight lbs (kg)
	I ₀	A	B1	B2	B3	B4	C	E	F	ØG	H	L1	M	X	
Stratos GIGA 1.5/3-105	11½	3¾	3½	3½	5 ¹ / ₁₆	9¾	3 ⁵ / ₈	4 ⁷ / ₈	1 ⁵ / ₈	6 ⁵ / ₈	10 ⁷ / ₈	18¼	5½	8 ⁷ / ₈	89
	(292)	(86)	(89)	(89)	(129)	(248)	(92)	(124)	(41)	(168)	(277)	(463)	(140)	(225)	(41)

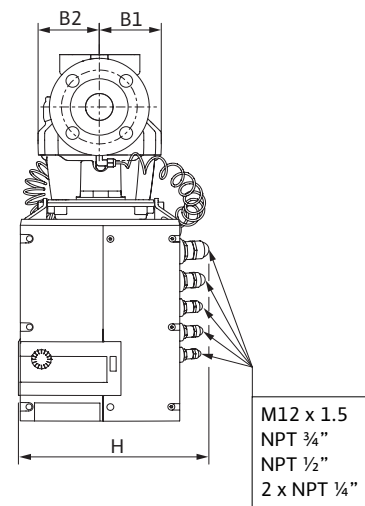
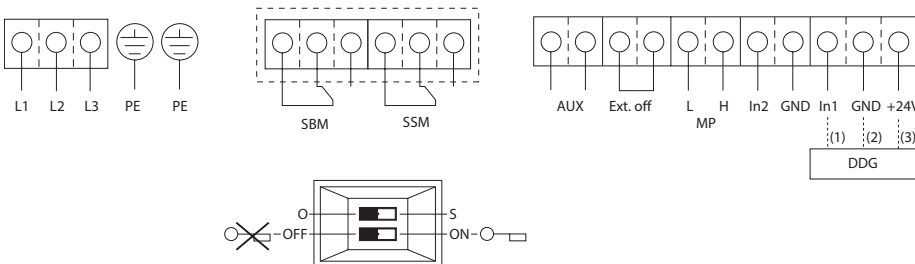
Flange Dimensions - 125#ANSI

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



EC Motor Data (Single Motor Operation)

Model	P ₂ Rated	P ₁	Speed	FLA
	hp	kW	RPM	3~480V
Stratos GIGA 1.5/3-105	3.1	2.3	500-4500	3.0 A

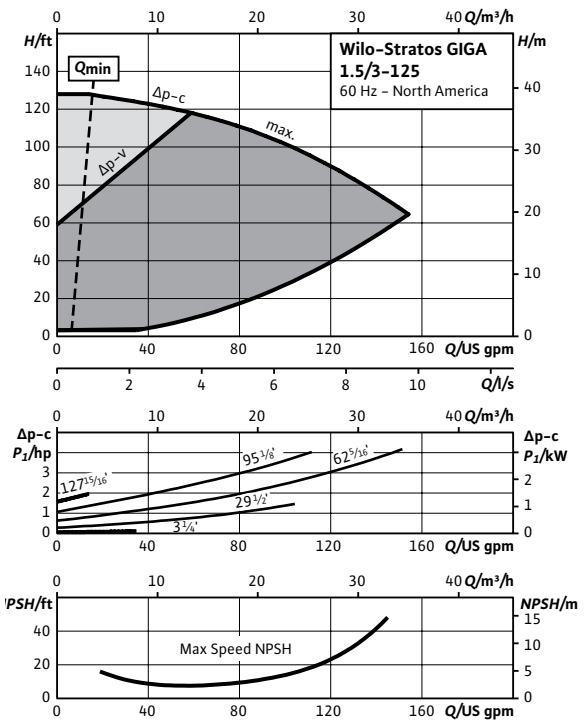
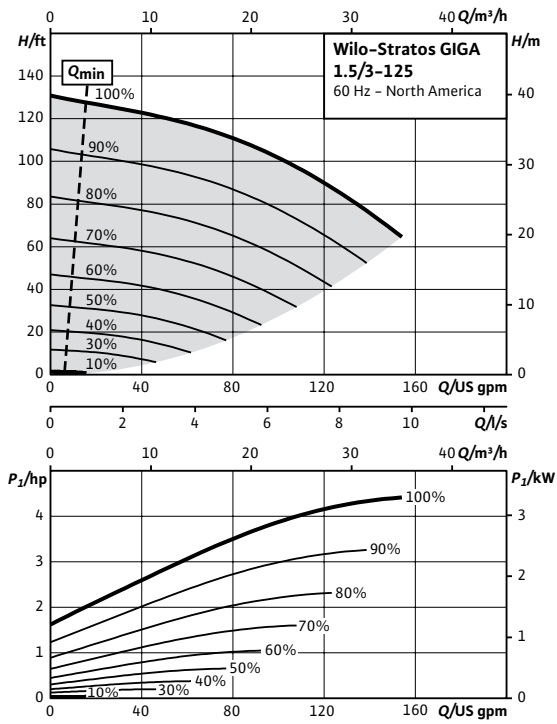


Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	Control Mode	Cycle	Phase	Voltage
	Stratos GIGA 1.5/3-125					3	460

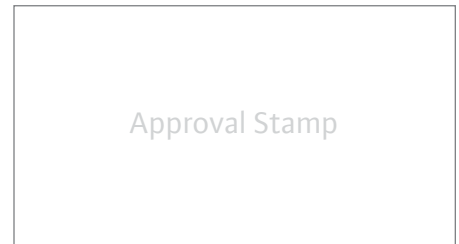


Technical Data	
Liquid Temp Range	-4°F to 248°F (-20°C to +120°C)
Fluid Capability	Water 50/50 Water-Glycol Mixtures
Max Operating Pressure	232 PSI 248°F (water only) 194°F (50% propylene)
Mains Voltage	3- 380-480V ±10% 50/60Hz
Protection Class	IP 55, Class F Insulation
Ambient Temp Range	32°F to 104°F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

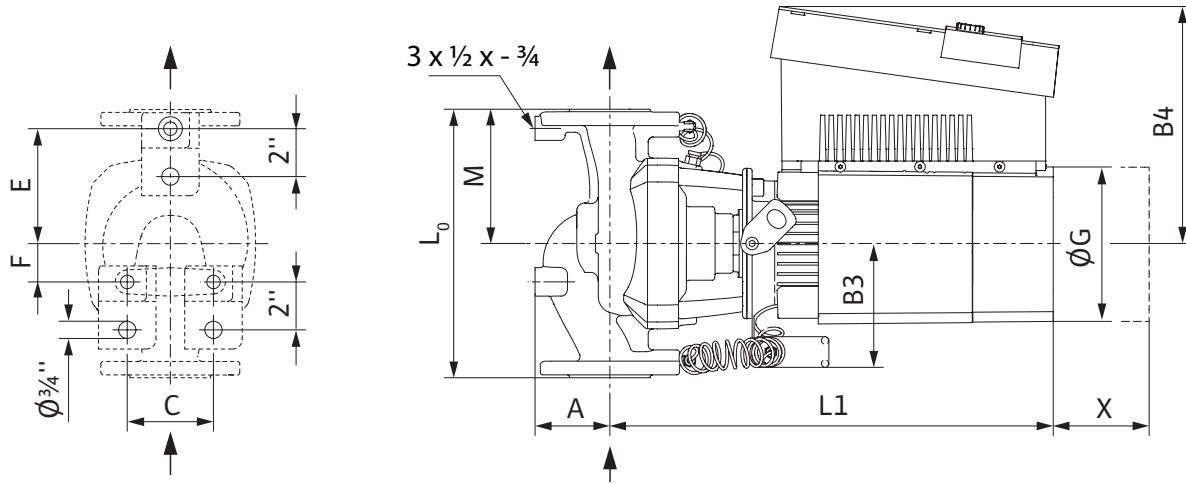
Applications	
• Hot Water Heating Systems	• Closed Cooling Circuits
• Industrial Circulation Systems	• Air-conditioning Systems
• Solar	• Geothermal



Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

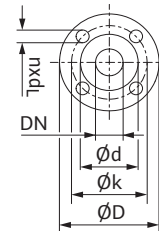


Dimensions and Weights

Model	Dimensions - Inches (mm)														Weight lbs (kg)
	I ₀	A	B1	B2	B3	B4	C	E	F	ØG	H	L1	M	X	
Stratos GIGA 1.5/3-125	11½	3¾	3½	3½	5 ¹ / ₁₆	9¼	3 ⁵ / ₈	4 ⁷ / ₈	1 ⁵ / ₈	6 ⁵ / ₈	10 ⁷ / ₈	18¼	5½	8 ⁷ / ₈	89
	(292)	(86)	(89)	(89)	(129)	(248)	(92)	(124)	(41)	(168)	(277)	(463)	(140)	(225)	(41)

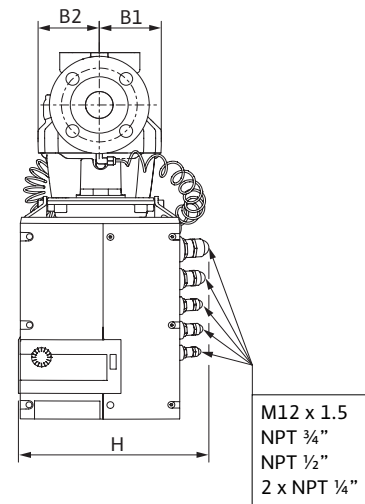
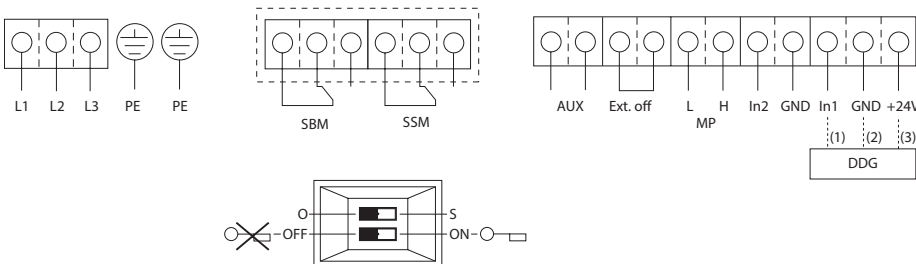
Flange Dimensions - 125#ANSI

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



EC Motor Data (Single Motor Operation)

Model	P ₂ Rated	P ₁	Speed	FLA
	hp	kW	RPM	3~480V
Stratos GIGA 1.5/3-125	4.4	3.3	500-4900	4.1A

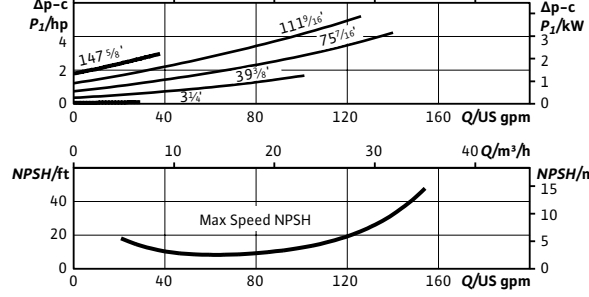
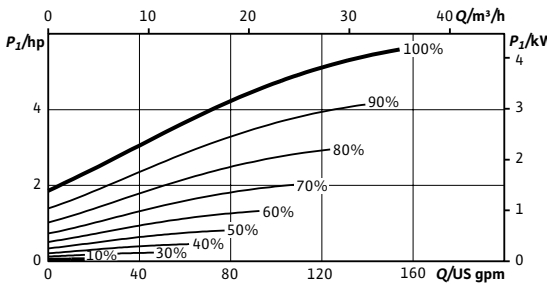
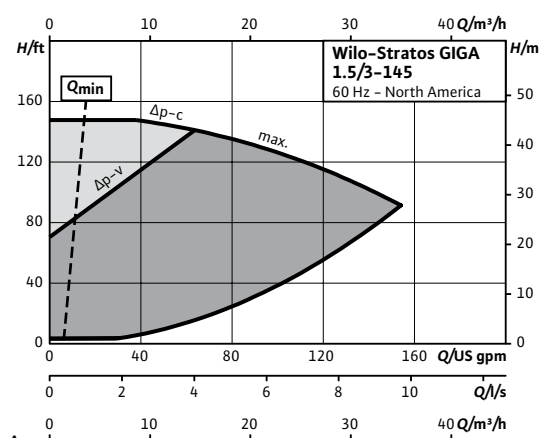
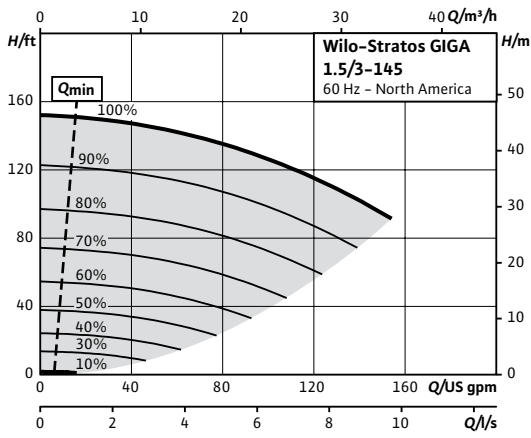


Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	Control Mode	Cycle	Phase	Voltage
	Stratos GIGA 1.5/3-145					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)

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

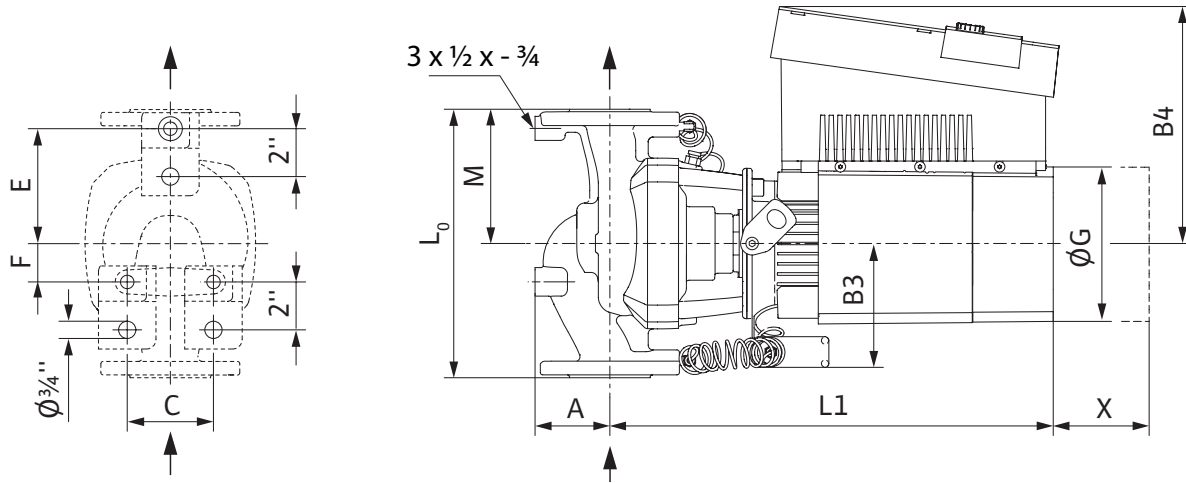
IR Module Selection		
Module 1	Module	Article Number
	BACnet / Dual Pump	2097811
	LONworks / Dual Pump	2022530
	MODBus	2097809
	None	None

Approval Stamp

Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

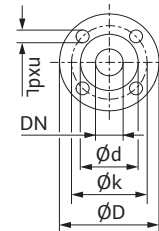


Dimensions and Weights

Model	Dimensions - Inches (mm)														Weight lbs (kg)
	I ₀	A	B1	B2	B3	B4	C	E	F	ØG	H	L1	M	X	
Stratos GIGA 1.5/3-145	11½	3¾	3½	3½	5 ¹ / ₁₆	9¼	3 ⁵ / ₈	4 ⁷ / ₈	1 ⁵ / ₈	6 ⁵ / ₈	10 ⁷ / ₈	18¼	5½	8 ⁷ / ₈	89
	(292)	(86)	(89)	(89)	(129)	(248)	(92)	(124)	(41)	(168)	(277)	(463)	(140)	(225)	(41)

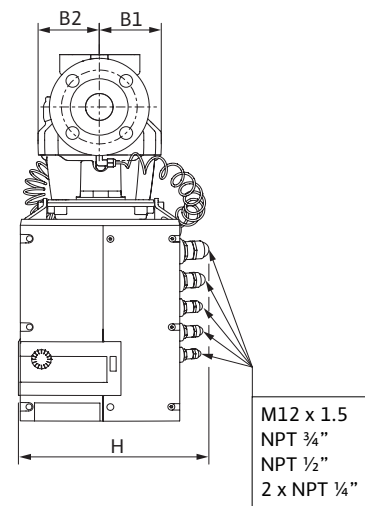
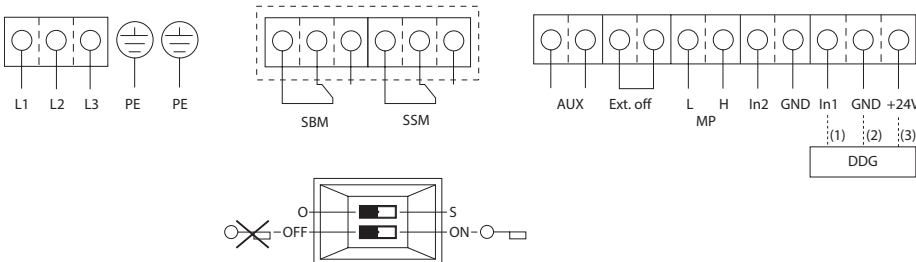
Flange Dimensions - 125#ANSI

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



EC Motor Data (Single Motor Operation)

Model	P ₂ Rated	P ₁	Speed	FLA
	hp	kW	RPM	3~480V
Stratos GIGA 1.5/3-145	5.6	4.2	500-4850	5.3A



Submittal Data Sheet

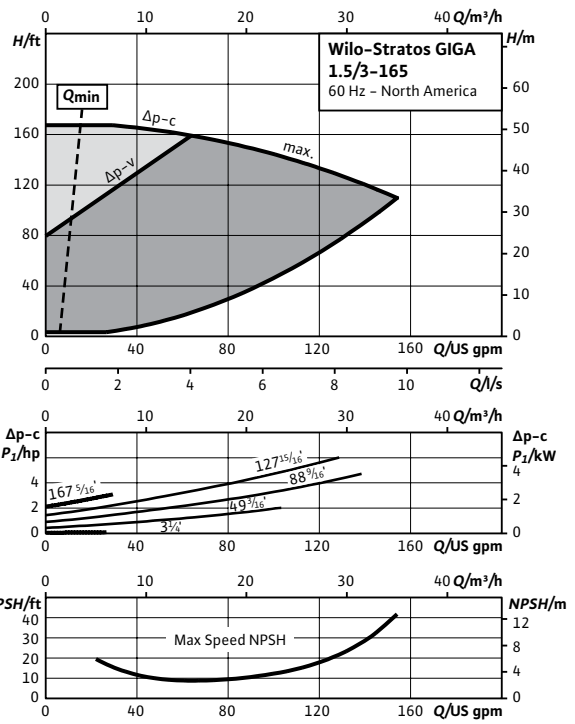
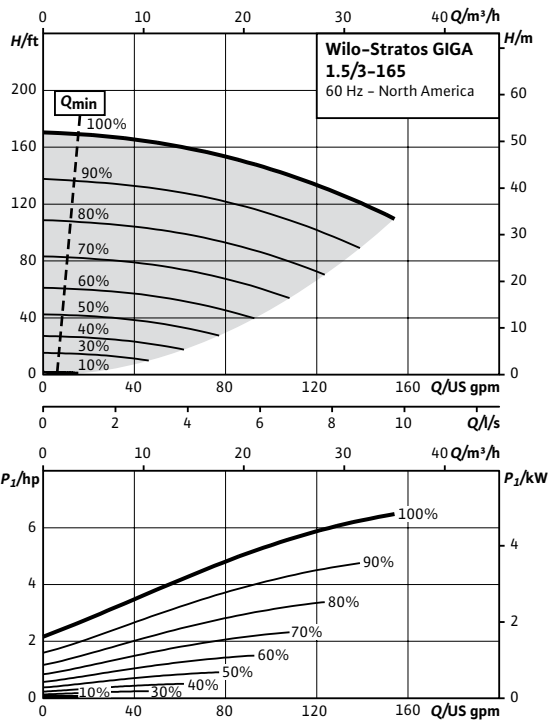
High Efficiency Inline Circulators

Wilo-Stratos GIGA



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

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

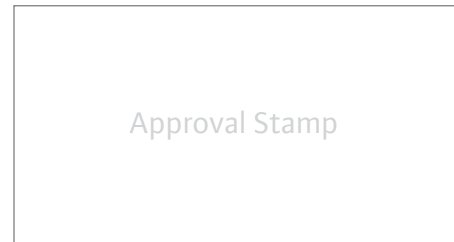


Technical Data	
Liquid Temp Range	-4°F to 248°F (-20°C to +120°C)
Fluid Capability	Water 50/50 Water-Glycol Mixtures
Max Operating Pressure	232 PSI 248°F (water only) 194°F (50% propylene)
Mains Voltage	3- 380-480V ±10% 50/60Hz
Protection Class	IP 55, Class F Insulation
Ambient Temp Range	32°F to 104°F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

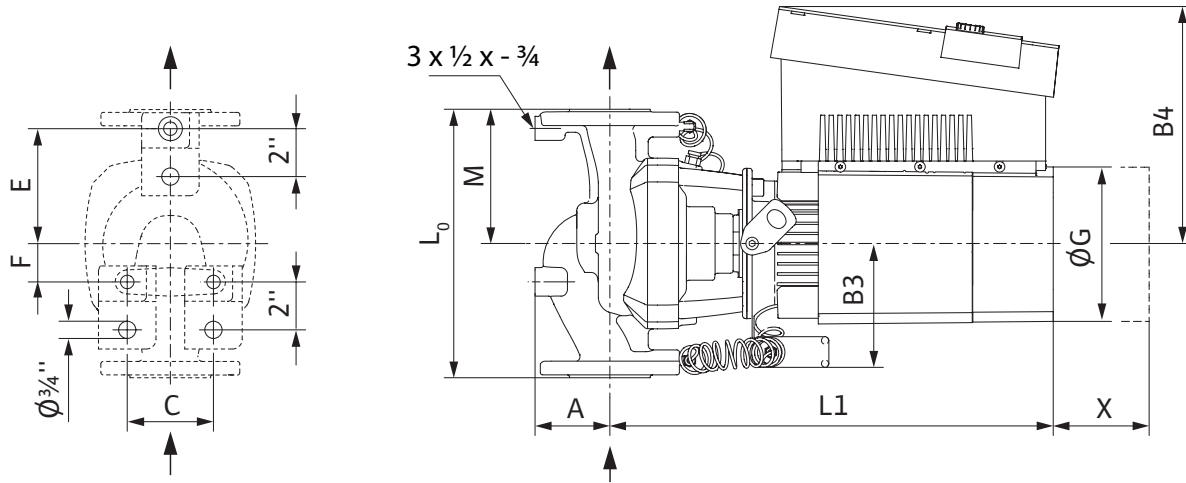
Applications	
• Hot Water Heating Systems	• Closed Cooling Circuits
• Industrial Circulation Systems	• Air-conditioning Systems
• Solar	• Geothermal



Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

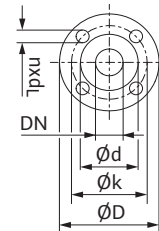


Dimensions and Weights

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

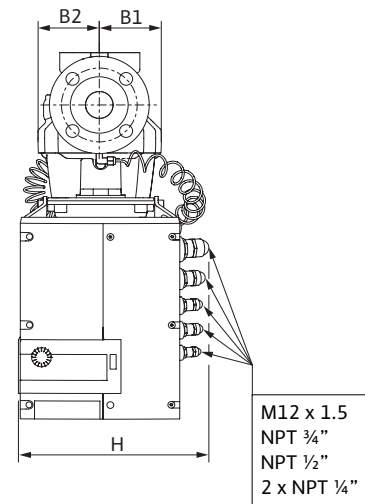
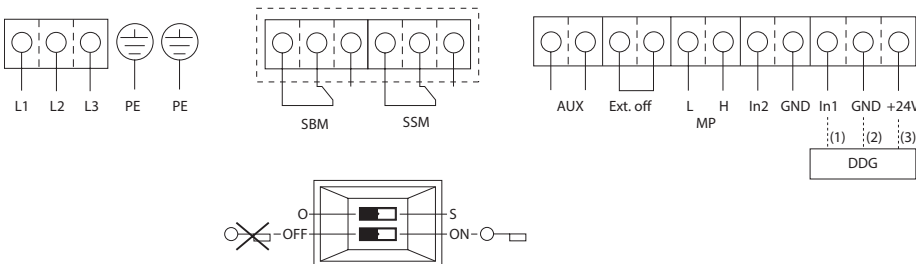
Flange Dimensions - 125#ANSI

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



EC Motor Data (Single Motor Operation)

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

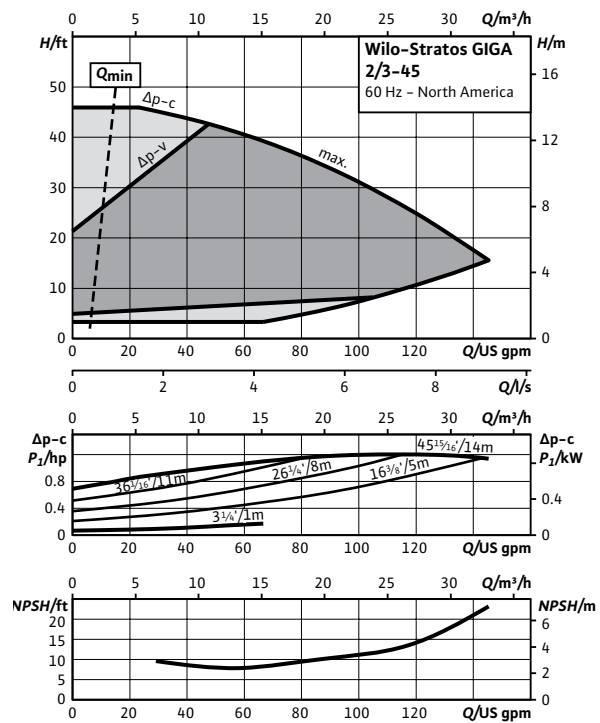
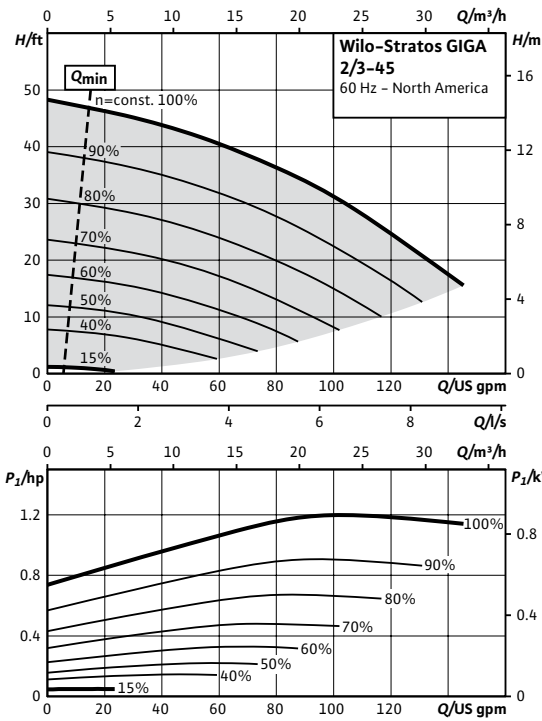


Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	Control Mode	Cycle	Phase	Voltage
	Stratos GIGA 2/3-45					3	460



Technical Data	
PEI	0.92
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

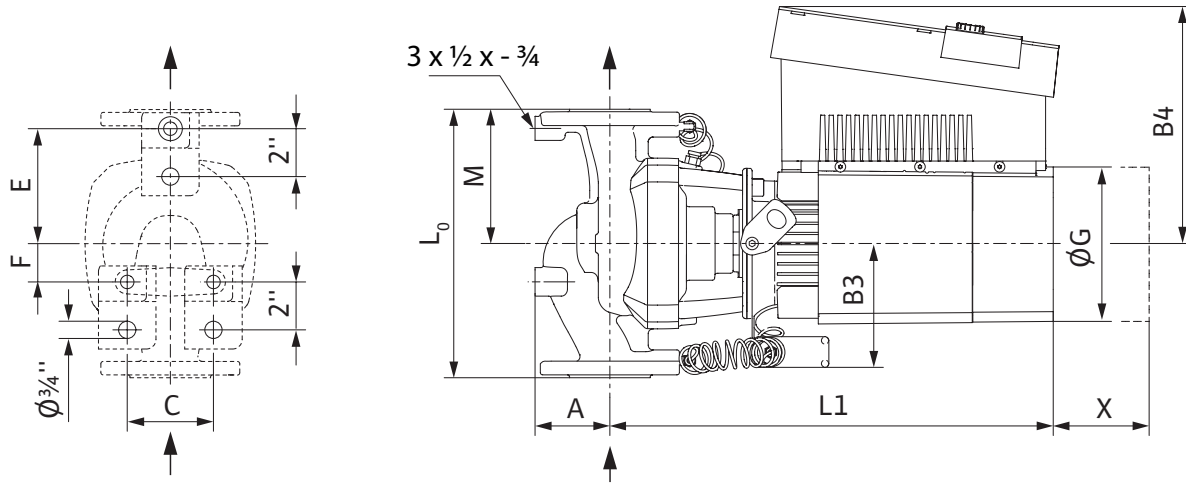
Applications	
• Hot Water Heating Systems	• Closed Cooling Circuits
• Industrial Circulation Systems	• Air-conditioning Systems
• Solar	• Geothermal

Approval Stamp

Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

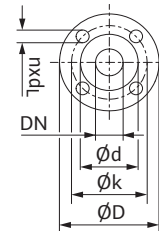


Dimensions and Weights

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

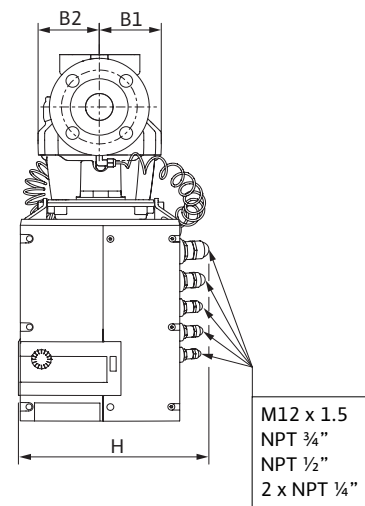
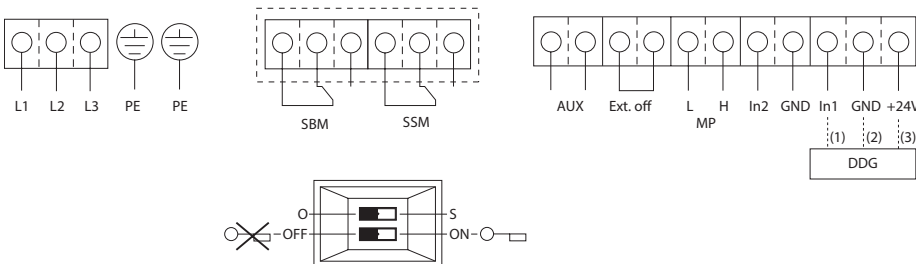
Flange Dimensions - 125#ANSI

Dimensions - Inches (mm)				
Dia.	ØD	Ød	Øk	n x Ød _L
2"	6½	4 ³ / ₁₆	4¾	4 x ¾
	(165)	(106)	(121)	(4 x 19)



EC Motor Data (Single Motor Operation)

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

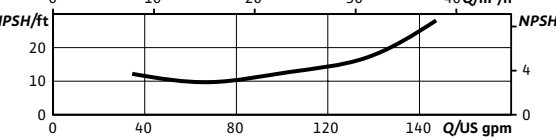
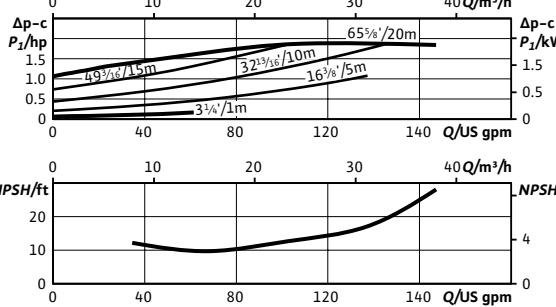
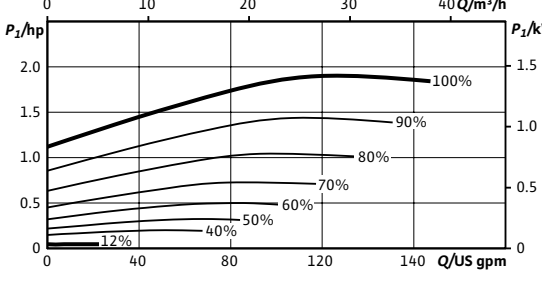
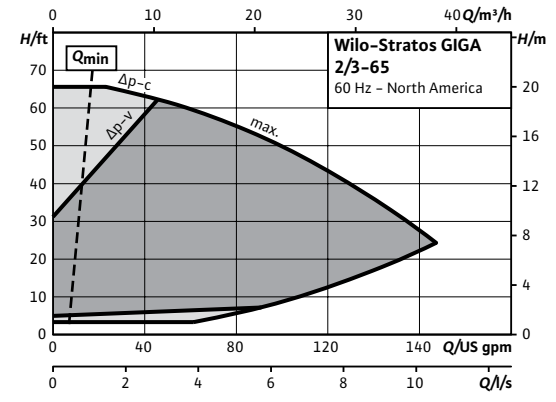
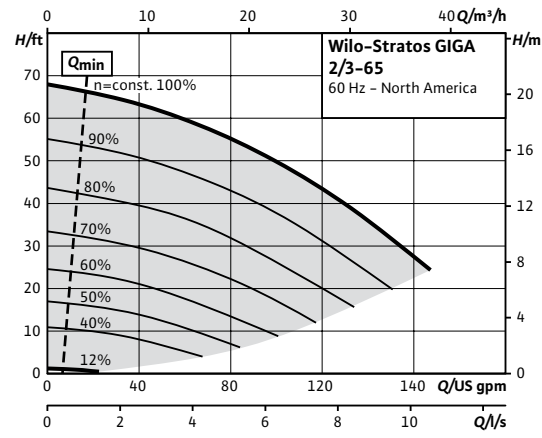


Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	Control Mode	Cycle	Phase	Voltage
	Stratos GIGA 2/3-65					3	460



Technical Data	
PEI	0.87
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

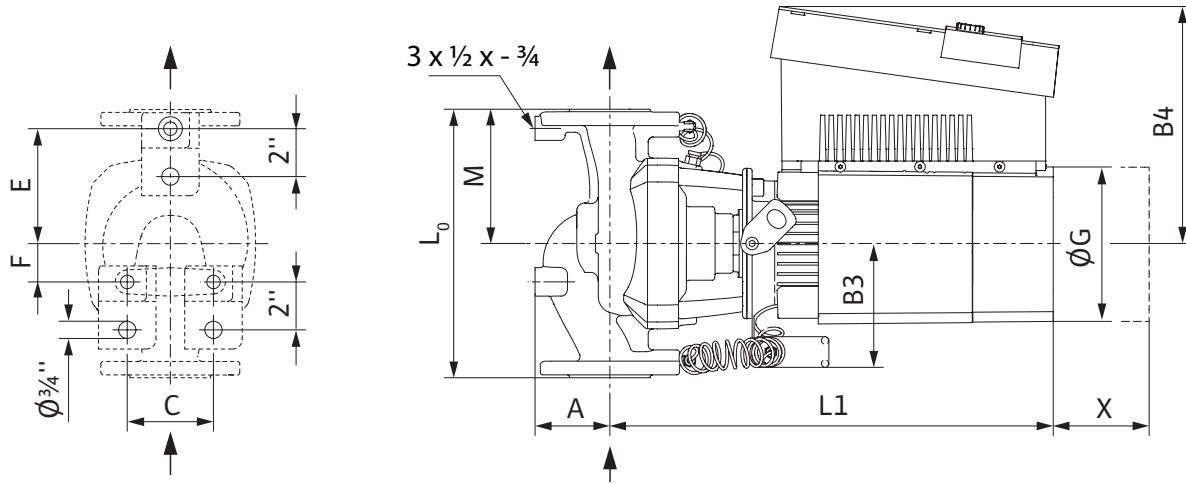
Applications	
• Hot Water Heating Systems	• Closed Cooling Circuits
• Industrial Circulation Systems	• Air-conditioning Systems
• Solar	• Geothermal

Approval Stamp

Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

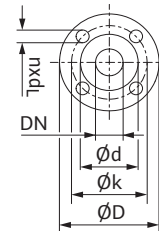


Dimensions and Weights

Model	Dimensions - Inches (mm)														Weight lbs (kg)
	I ₀	A	B1	B2	B3	B4	C	E	F	ØG	H	L1	M	X	
Stratos GIGA 2/3-65	12	3½	3½	3½	5 ³ / ₁₆	9¾	3 ⁵ / ₈	4 ⁷ / ₈	1 ⁵ / ₈	6 ⁵ / ₈	10 ⁷ / ₈	18 ¹ / ₈	5½	8 ⁷ / ₈	93
	(305)	(89)	(89)	(89)	(129)	(248)	(92)	(124)	(41)	(168)	(277)	(460)	(140)	(225)	(42)

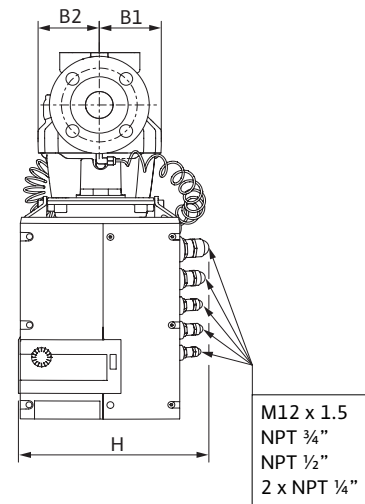
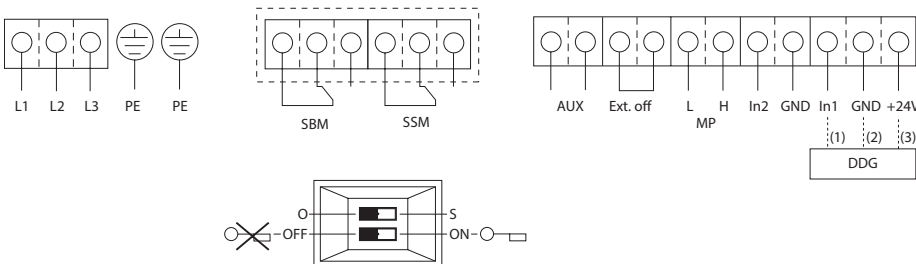
Flange Dimensions - 125#ANSI

Dimensions - Inches (mm)				
Dia.	ØD	Ød	Øk	n x Ød _L
2"	6½	4 ³ / ₁₆	4¾	4 x ¾
	(165)	(106)	(121)	(4 x 19)



EC Motor Data (Single Motor Operation)

Model	P ₂ Rated	P ₁	Speed	FLA
	hp	kW	RPM	3~480V
Stratos GIGA 2/3-65	2	1.5	500-3920	1.8

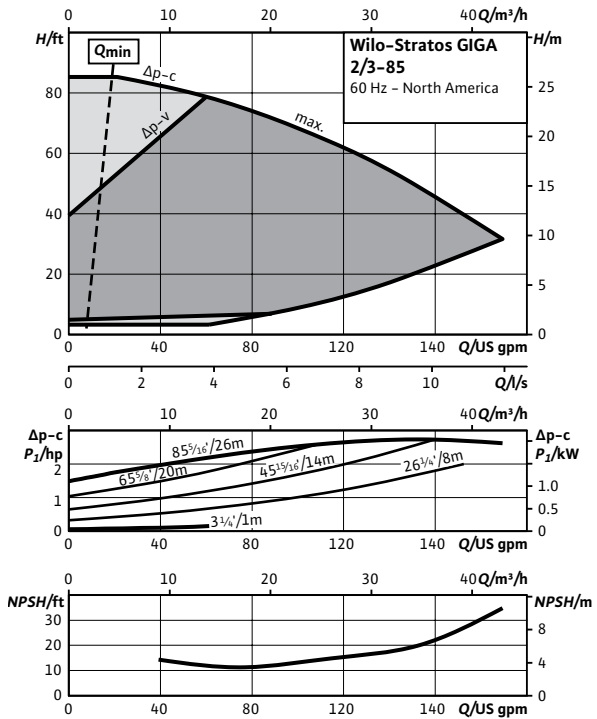
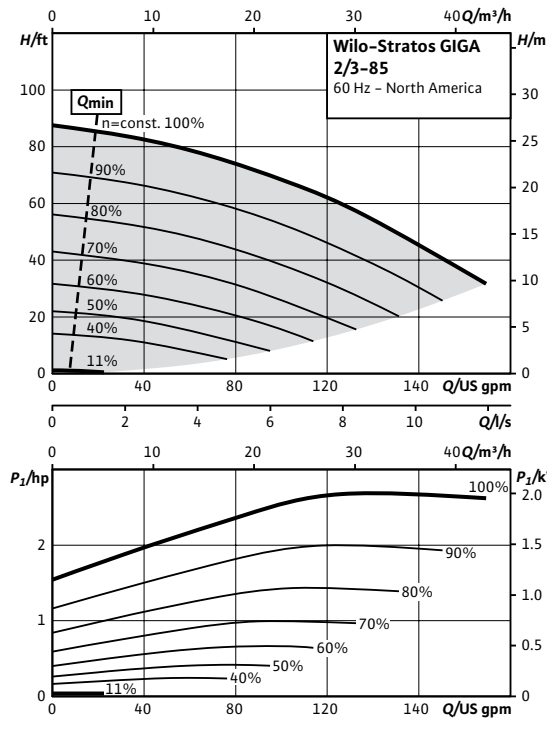


Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	Control Mode	Cycle	Phase	Voltage
	Stratos GIGA 2/3-85					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

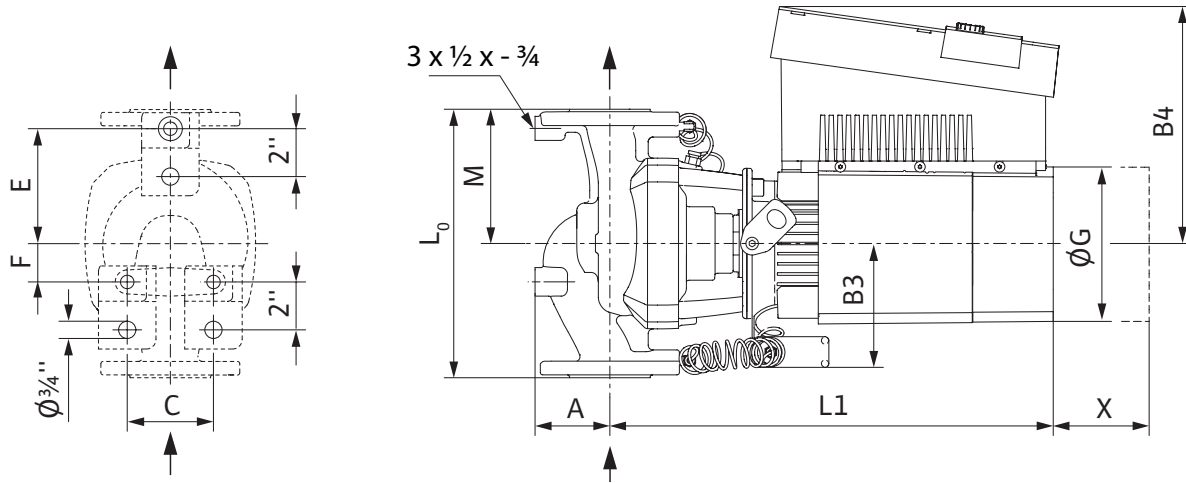
Applications	
• Hot Water Heating Systems	• Closed Cooling Circuits
• Industrial Circulation Systems	• Air-conditioning Systems
• Solar	• Geothermal

Approval Stamp

Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

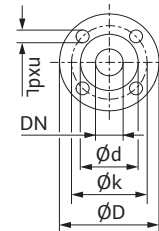


Dimensions and Weights

Model	Dimensions - Inches (mm)														Weight lbs (kg)
	I ₀	A	B1	B2	B3	B4	C	E	F	ØG	H	L1	M	X	
Stratos GIGA 2/3-85	12	3½	3½	3½	5 ³ / ₁₆	9¾	3 ⁵ / ₈	4 ⁷ / ₈	1 ⁵ / ₈	6 ⁵ / ₈	10 ⁷ / ₈	18 ¹ / ₈	5½	8 ⁷ / ₈	93
	(305)	(89)	(89)	(89)	(129)	(248)	(92)	(124)	(41)	(168)	(277)	(460)	(140)	(225)	(42)

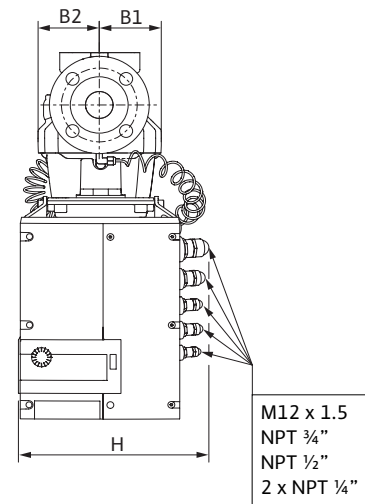
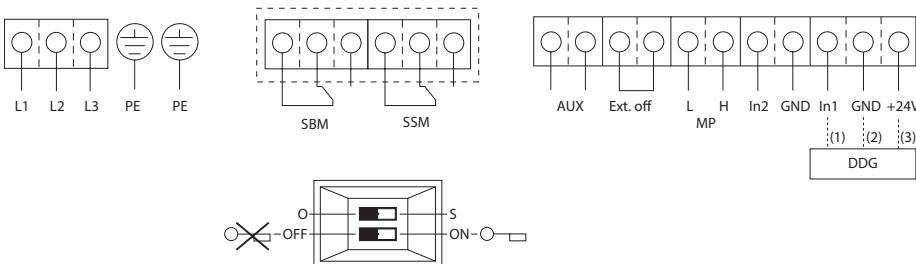
Flange Dimensions - 125#ANSI

Dimensions - Inches (mm)				
Dia.	ØD	Ød	Øk	n x Ød _L
2"	6½	4 ³ / ₁₆	4¾	4 x ¾
	(165)	(106)	(121)	(4 x 19)



EC Motor Data (Single Motor Operation)


Model	P ₂ Rated	P ₁	Speed	FLA
	hp	kW	RPM	3~480V
Stratos GIGA 2/3-85	2.7	2	500-4450	2.6

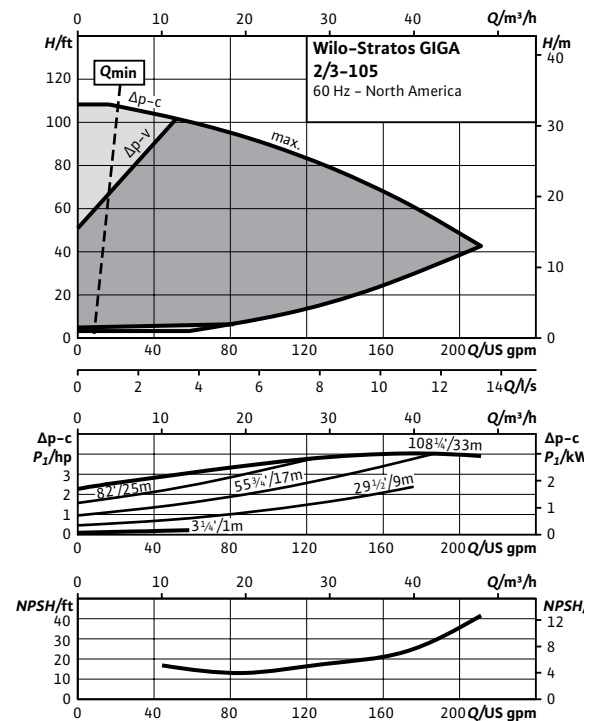
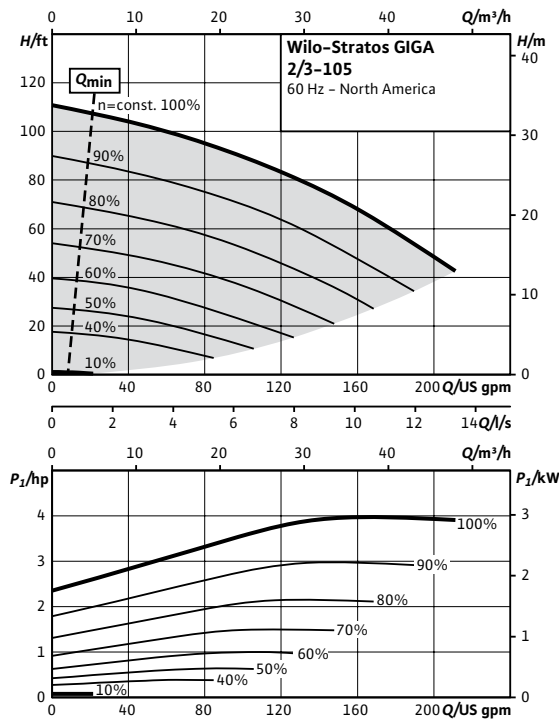


Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	Control Mode	Cycle	Phase	Voltage
	Stratos GIGA 2/3-105					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

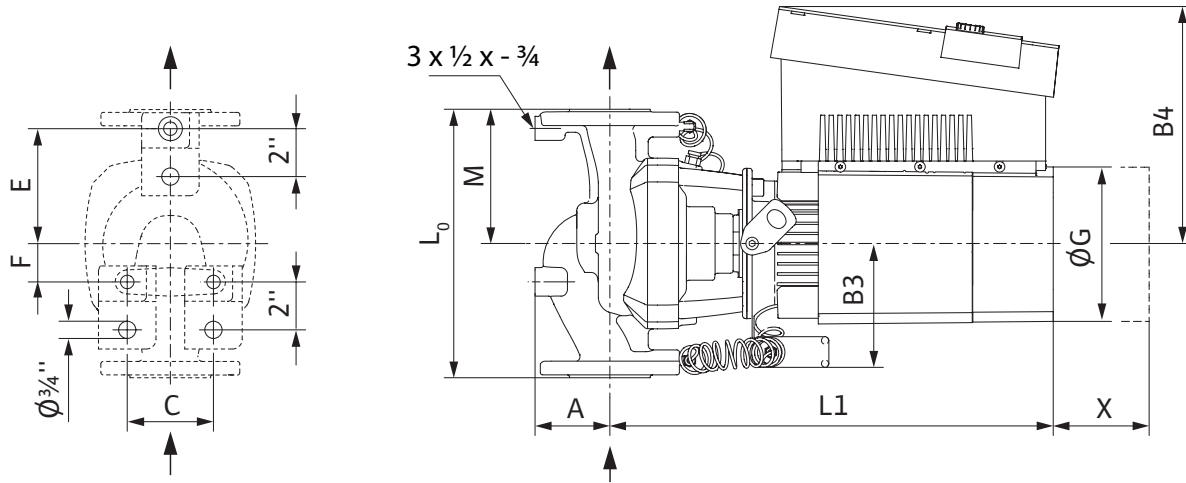
Applications	
• Hot Water Heating Systems	• Closed Cooling Circuits
• Industrial Circulation Systems	• Air-conditioning Systems
• Solar	• Geothermal

Approval Stamp

Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

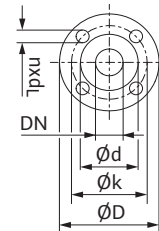


Dimensions and Weights

Model	Dimensions - Inches (mm)														Weight lbs (kg)
	I ₀	A	B1	B2	B3	B4	C	E	F	ØG	H	L1	M	X	
Stratos GIGA 2/3-105	12	3.5	3½	3½	5 ³ / ₁₆	9¼	3 ⁵ / ₈	4 ⁷ / ₈	1 ⁵ / ₈	6 ⁵ / ₈	10 ⁷ / ₈	18 ¹ / ₈	5½	8 ⁷ / ₈	93
	(305)	(89)	(89)	(89)	(129)	(248)	(92)	(124)	(41)	(168)	(277)	(460)	(140)	(225)	(42)

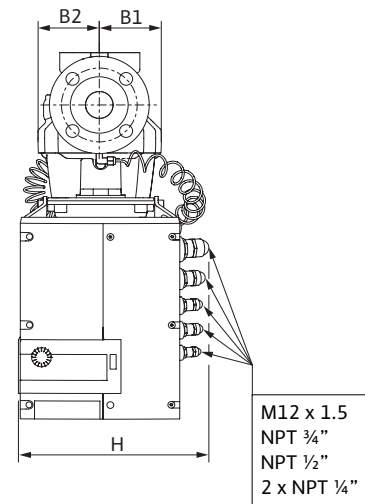
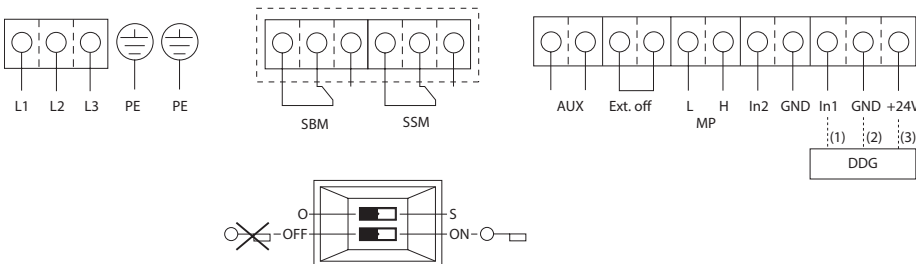
Flange Dimensions - 125#ANSI

Dimensions - Inches (mm)				
Dia.	ØD	Ød	Øk	n x Ød _L
2"	6½	4 ³ / ₁₆	4¾	4 x ¾
	(165)	(106)	(121)	(4 x 19)



EC Motor Data (Single Motor Operation)

Model	P ₂ Rated	P ₁	Speed	FLA
	hp	kW	RPM	3~480V
Stratos GIGA 2/3-105	4	3.2	500-5000	3.9

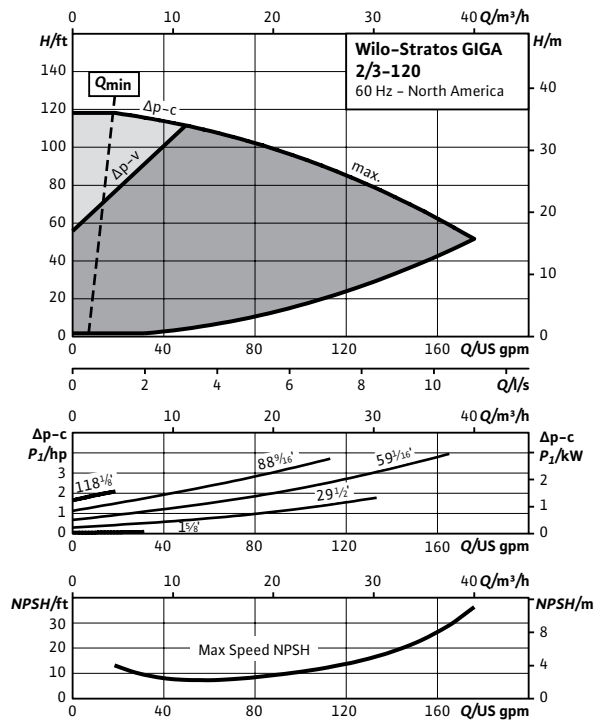
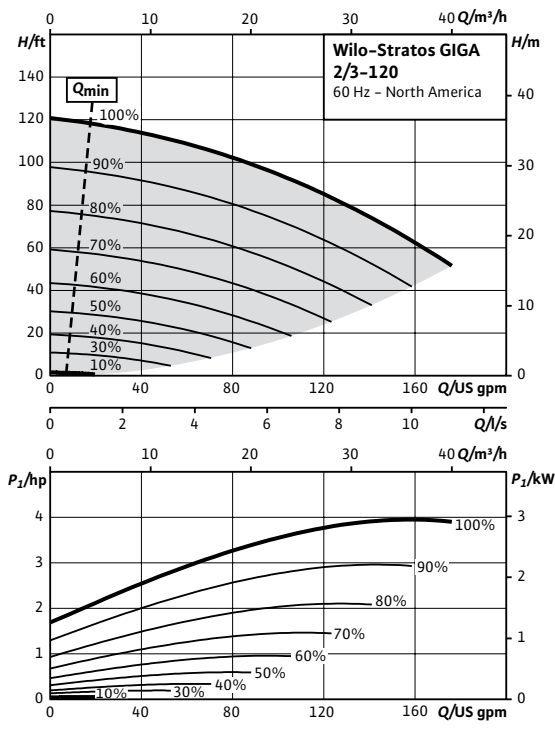


Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	Control Mode	Cycle	Phase	Voltage
	Stratos GIGA 2/3-120					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)

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

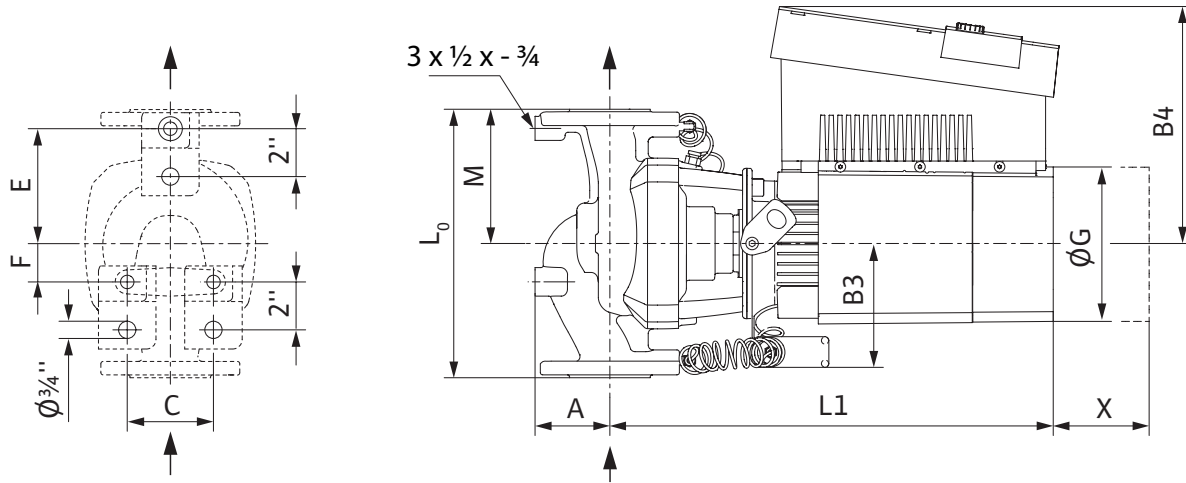
IR Module Selection		
Module 1	Module	Article Number
	BACnet / Dual Pump	2097811
	LONworks / Dual Pump	2022530
	MODBus	2097809
	None	None



Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

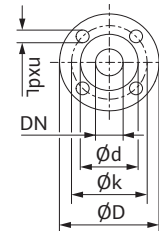


Dimensions and Weights

Model	Dimensions - Inches (mm)														Weight lbs (kg)
	I ₀	A	B1	B2	B3	B4	C	E	F	ØG	H	L1	M	X	
Stratos GIGA 2/3-120	12	3½	3½	3½	5 ³ / ₁₆	9¾	3 ⁵ / ₈	4 ⁷ / ₈	1 ⁵ / ₈	6 ⁵ / ₈	10 ⁷ / ₈	17 ⁷ / ₈	5½	8 ⁷ / ₈	90
	(305)	(89)	(89)	(89)	(129)	(248)	(92)	(123)	(42)	(168)	(277)	(454)	(140)	(225)	(41)

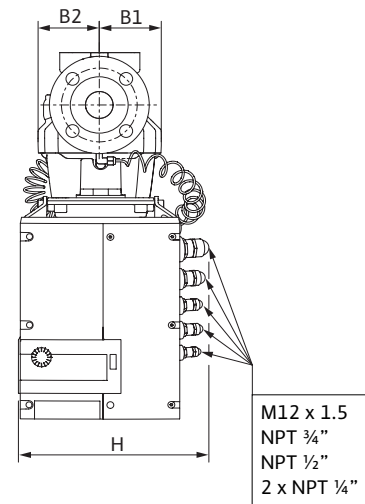
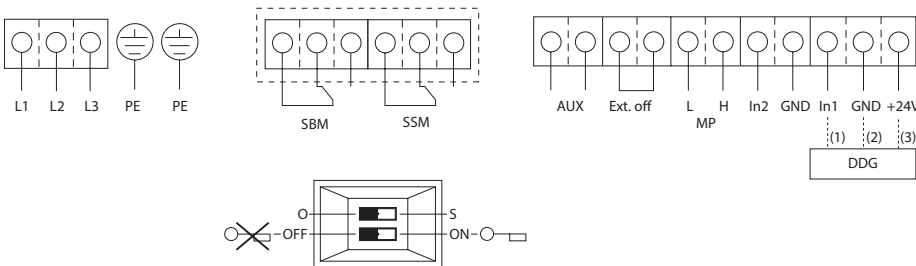
Flange Dimensions - 125#ANSI

Dimensions - Inches (mm)				
Dia.	ØD	Ød	Øk	n x Ød _L
2"	6½	4 ³ / ₁₆	4¾	4 x ¾
	(165)	(106)	(121)	(4 x 19)



EC Motor Data (Single Motor Operation)

Model	P ₂ Rated	P ₁	Speed	FLA
	hp	kW	RPM	3~480V
Stratos GIGA 2/3-120	4	3.0	500-4600	3.8A

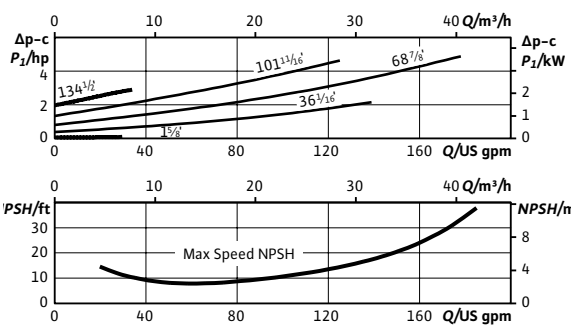
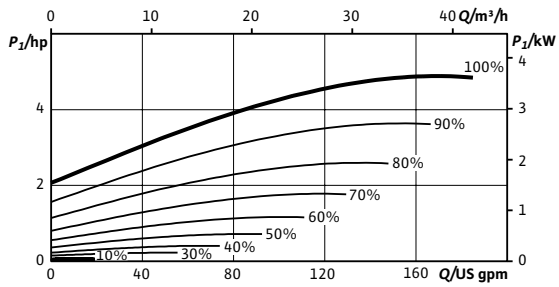
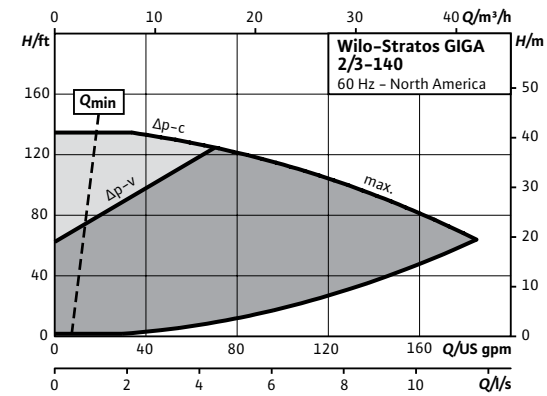
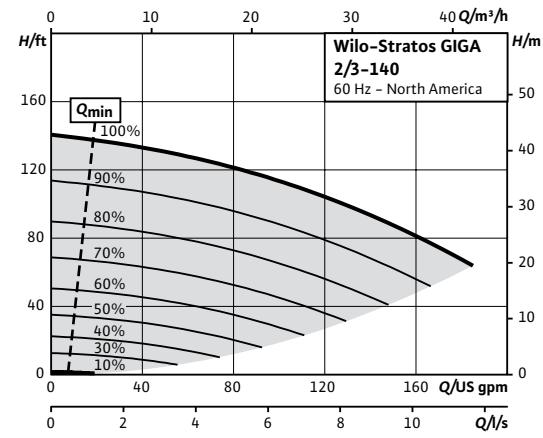


Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	Control Mode	Cycle	Phase	Voltage
	Stratos GIGA 2/3-140					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)

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

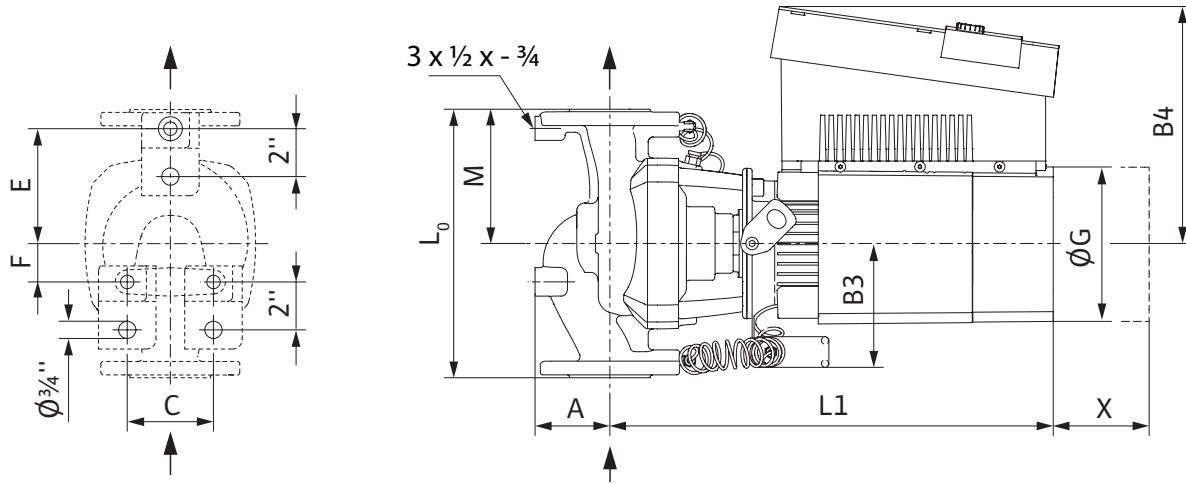
IR Module Selection		
Module 1	Module	Article Number
	BACnet / Dual Pump	2097811
	LONworks / Dual Pump	2022530
	MODBus	2097809
	None	None

Approval Stamp

Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

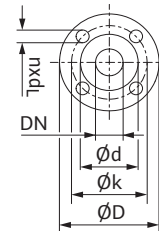


Dimensions and Weights

Model	Dimensions - Inches (mm)														Weight lbs (kg)
	I ₀	A	B1	B2	B3	B4	C	E	F	ØG	H	L1	M	X	
Stratos GIGA 2/3-140	12	3½	3½	3½	5 ^{3/16}	9¾	3 ^{5/8}	4 ^{7/8}	1 ^{5/8}	6 ^{5/8}	10 ^{7/8}	17 ^{7/8}	5½	8 ^{7/8}	90
	(305)	(89)	(89)	(89)	(129)	(248)	(92)	(123)	(42)	(168)	(277)	(454)	(140)	(225)	(41)

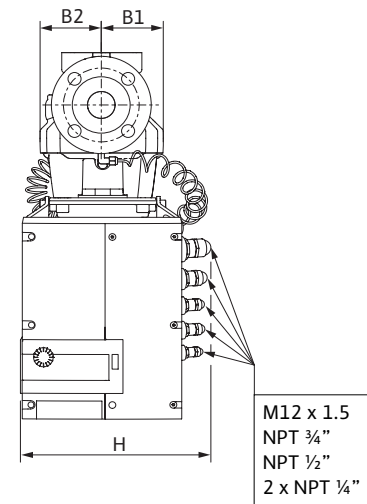
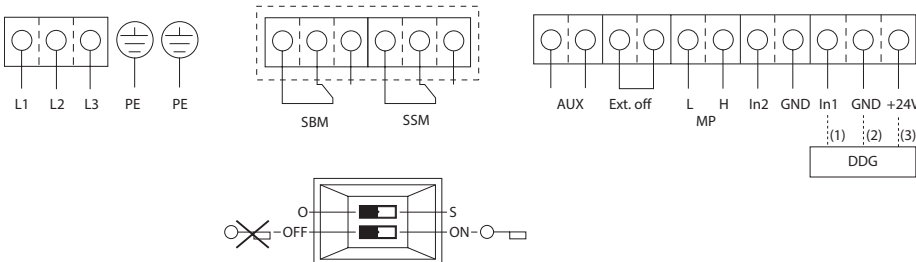
Flange Dimensions - 125#ANSI

Dimensions - Inches (mm)				
Dia.	ØD	Ød	Øk	n x Ød _L
2"	6½	4 ^{3/16}	4¾	4 x ¾
	(165)	(106)	(121)	(4 x 19)



EC Motor Data (Single Motor Operation)

Model	P ₂ Rated	P ₁	Speed	FLA
	hp	kW	RPM	3~480V
Stratos GIGA 2/3-140	5	3.7	500-4850	4.7A

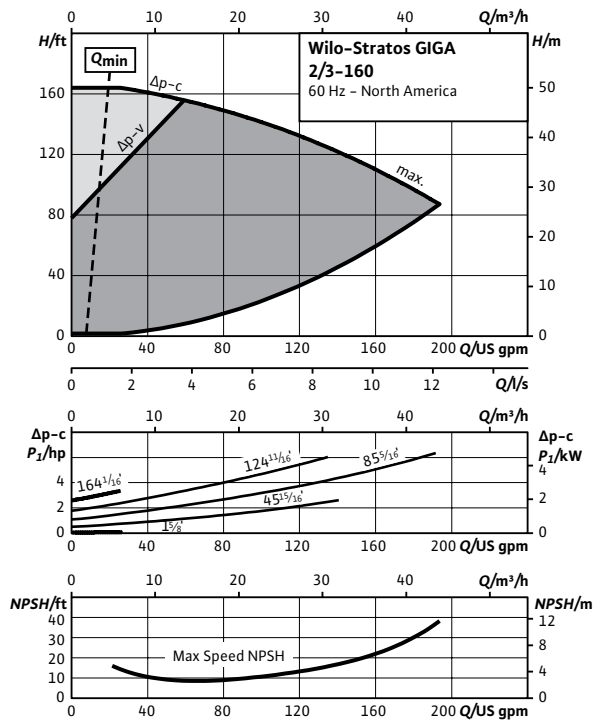
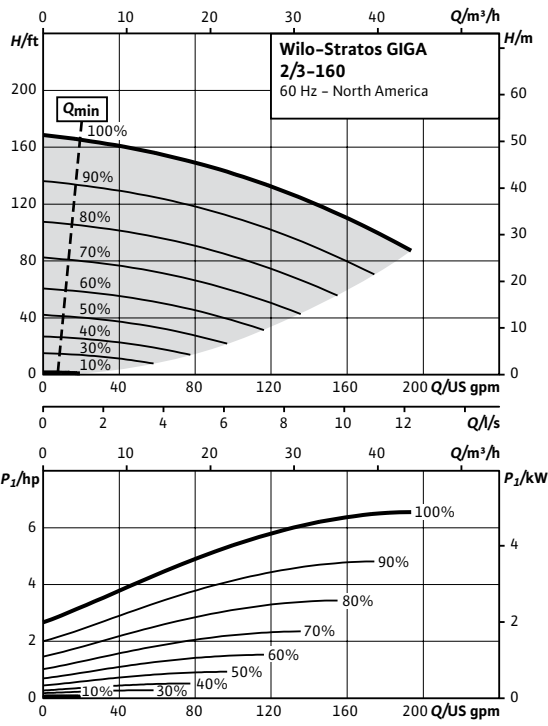


Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	Control Mode	Cycle	Phase	Voltage
	Stratos GIGA 2/3-160					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

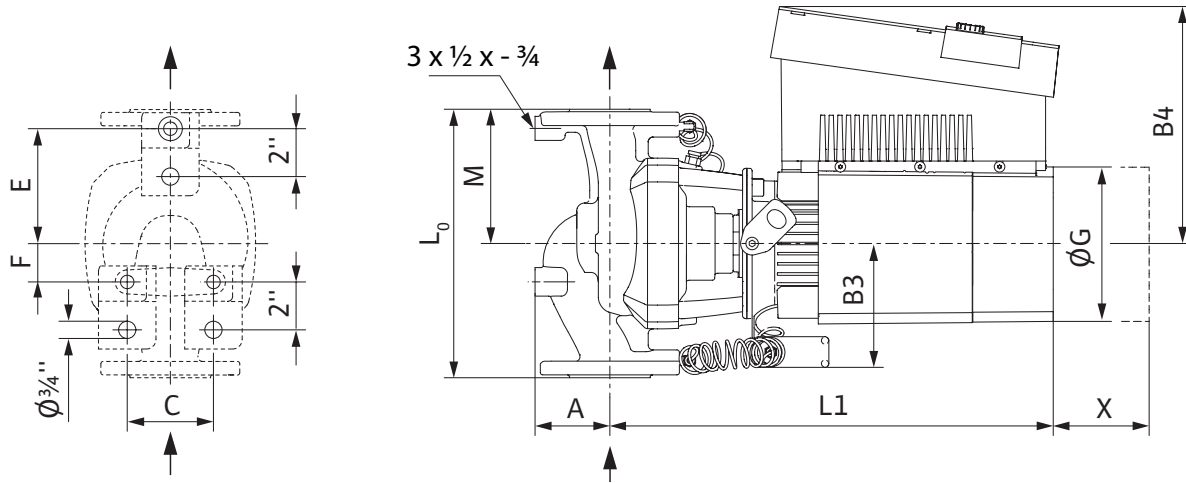
Applications	
• Hot Water Heating Systems	• Closed Cooling Circuits
• Industrial Circulation Systems	• Air-conditioning Systems
• Solar	• Geothermal

Approval Stamp

Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

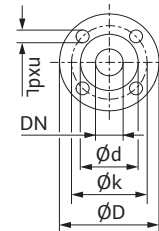


Dimensions and Weights

Model	Dimensions - Inches (mm)														Weight lbs (kg)
	I ₀	A	B1	B2	B3	B4	C	E	F	ØG	H	L1	M	X	
Stratos GIGA 2/3-160	12	3½	3½	3½	5 ³ / ₁₆	9¾	3 ⁵ / ₈	4 ⁷ / ₈	1 ⁵ / ₈	6 ⁵ / ₈	10 ⁷ / ₈	17 ¹⁵ / ₁₆	5½	8 ⁷ / ₈	90
	(305)	(89)	(89)	(89)	(129)	(248)	(92)	(123)	(42)	(168)	(277)	(454)	(140)	(225)	(41)

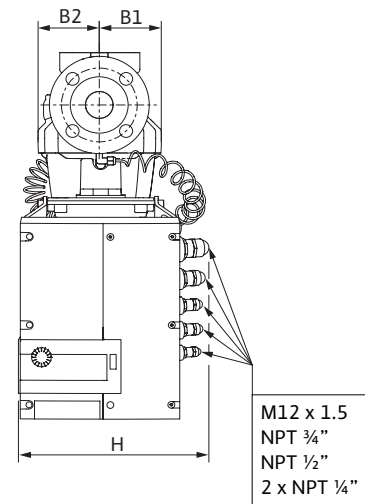
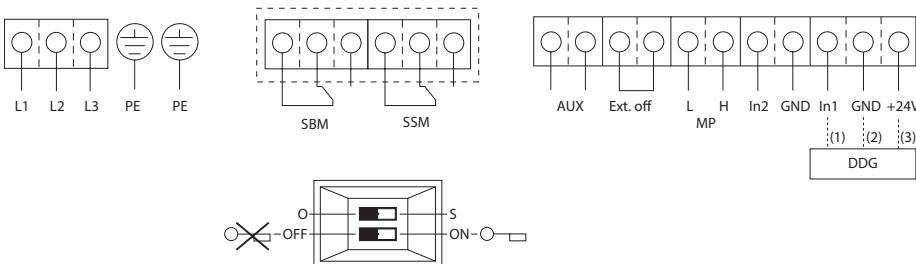
Flange Dimensions - 125#ANSI

Dimensions - Inches (mm)				
Dia.	ØD	Ød	Øk	n x Ød _L
2"	6½	4 ³ / ₁₆	4¾	4 x ¾
	(165)	(106)	(121)	(4 x 19)



EC Motor Data (Single Motor Operation)

Model	P ₂ Rated	P ₁	Speed	FLA
	hp	kW	RPM	3~480V
Stratos GIGA 2/3-160	6.6	4.9	500-5110	6.1A

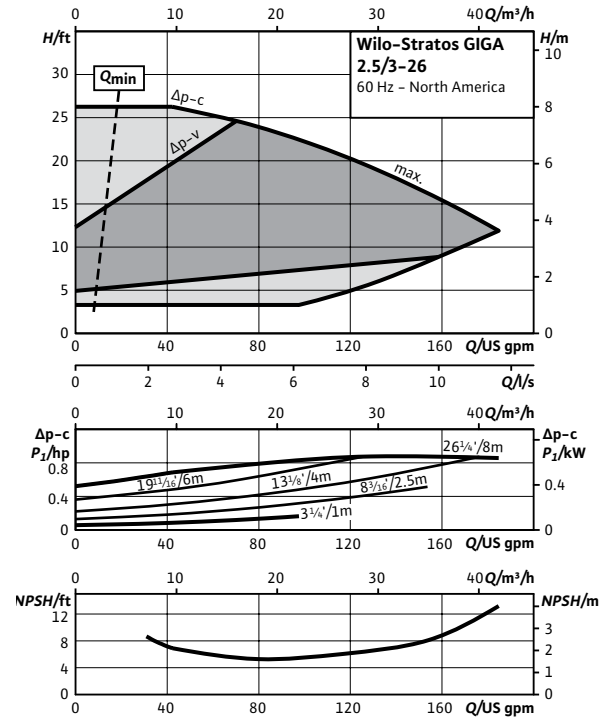
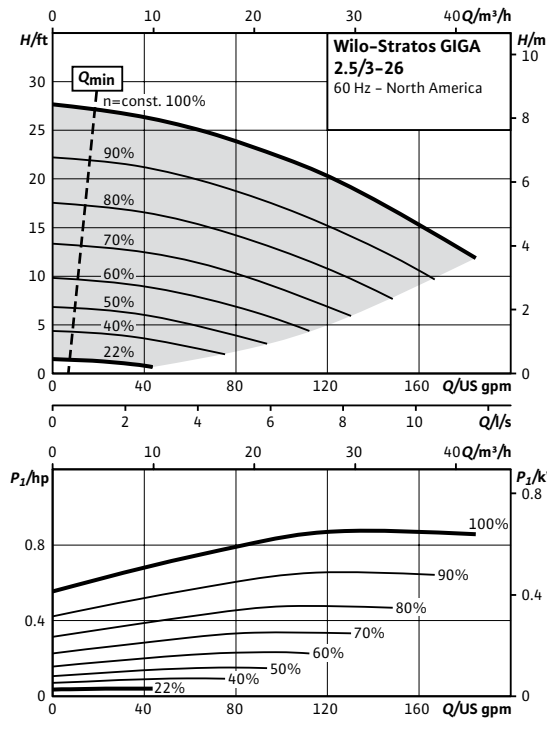


Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	Control Mode	Cycle	Phase	Voltage
	Stratos GIGA 2.5/3-26					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

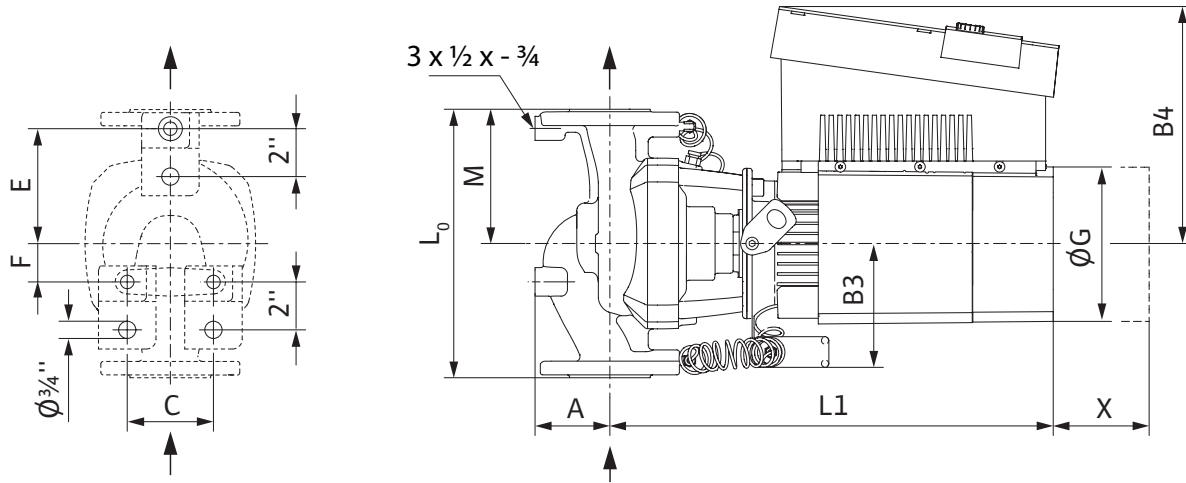
Applications	
• Hot Water Heating Systems	• Closed Cooling Circuits
• Industrial Circulation Systems	• Air-conditioning Systems
• Solar	• Geothermal

Approval Stamp

Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

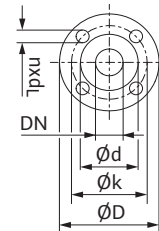


Dimensions and Weights

Model	Dimensions - Inches (mm)														Weight lbs (kg)
	I ₀	A	B1	B2	B3	B4	C	E	F	ØG	H	L1	M	X	
Stratos GIGA 2.5/3-26	15	4 ¹ / ₈	3 ³ / ₄	4 ¹ / ₂	5 ¹ / ₁₆	9 ³ / ₄	4	6 ¹ / ₂	3	6 ⁵ / ₈	10 ⁷ / ₈	18 ³ / ₁₆	7 ¹ / ₄	8 ⁷ / ₈	106
	(381)	(105)	(95)	(114)	(129)	(248)	(102)	(165)	(76)	(168)	(277)	(462)	(185)	(225)	(48)

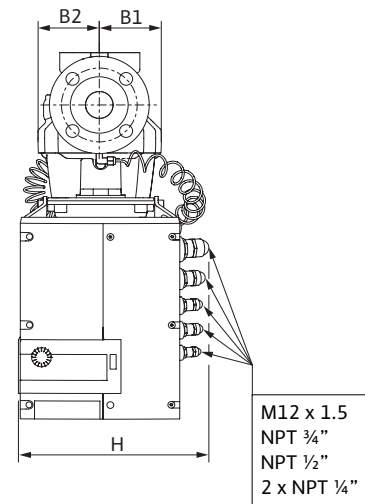
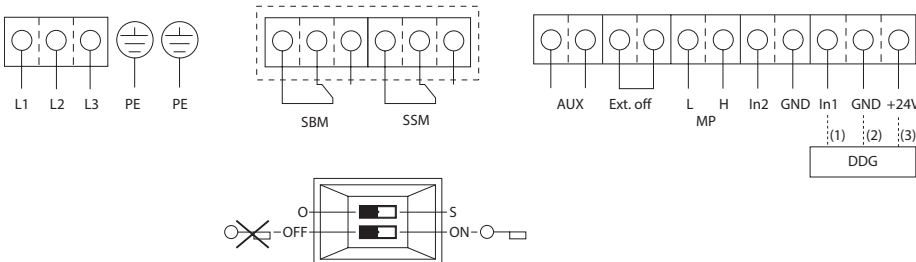
Flange Dimensions - 125#ANSI

Dimensions - Inches (mm)				
Dia.	ØD	Ød	Øk	n x Ød _L
2.5"	7 ⁹ / ₃₂	4 ¹⁵ / ₁₆	5 ¹ / ₂	4 x 3/4
	(185)	(126)	(140)	(4 x 19)



EC Motor Data (Single Motor Operation)


Model	P ₂ Rated	P ₁	Speed	FLA
	hp	kW	RPM	3~480V
Stratos GIGA 2.5/3-26	0.8	0.7	500-2180	0.9

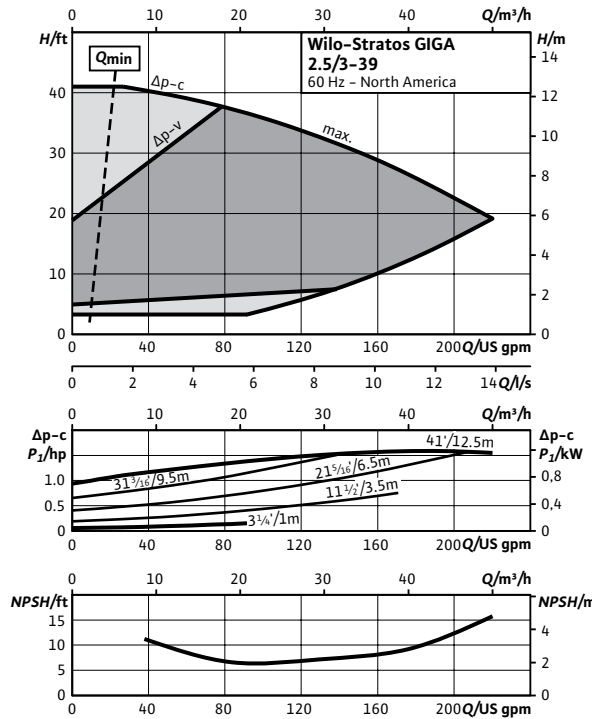
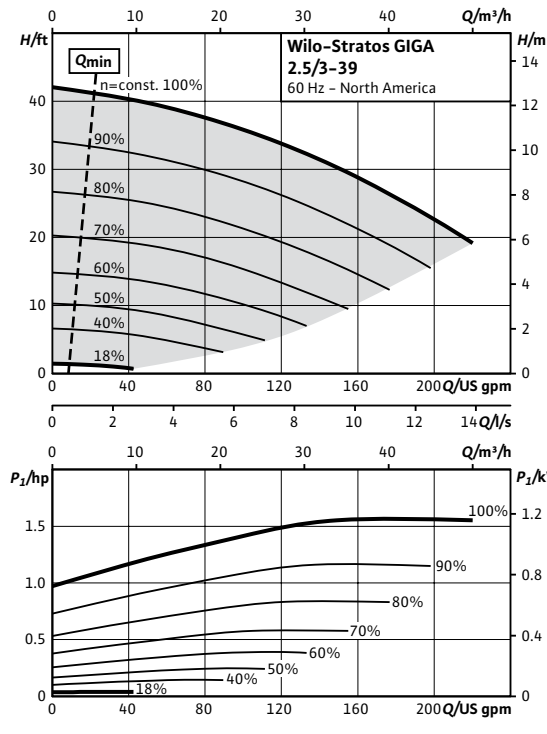


Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	Control Mode	Cycle	Phase	Voltage
	Stratos GIGA 2.5/3-39					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)

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

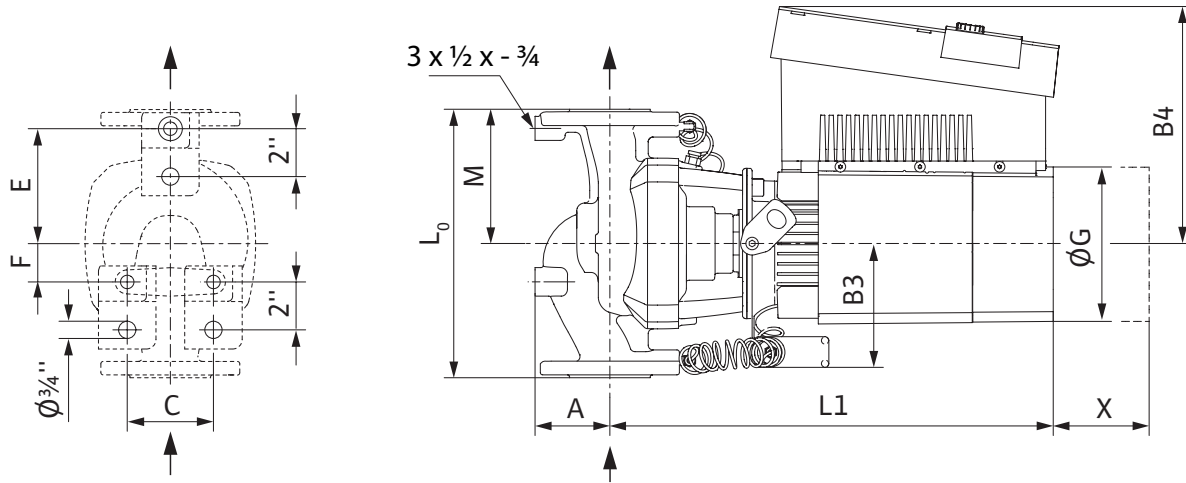
IR Module Selection		
Module 1	Module	Article Number
	BACnet / Dual Pump	2097811
	LONworks / Dual Pump	2022530
	MODBus	2097809
	None	None

Approval Stamp

Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

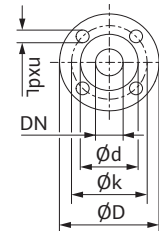


Dimensions and Weights

Model	Dimensions - Inches (mm)														Weight lbs (kg)
	I ₀	A	B1	B2	B3	B4	C	E	F	ØG	H	L1	M	X	
Stratos GIGA 2.5/3-39	15	4 ¹ / ₈	3 ³ / ₄	4 ¹ / ₂	5 ³ / ₁₆	9 ³ / ₄	4	6 ¹ / ₂	3	6 ⁵ / ₈	10 ⁷ / ₈	18 ³ / ₁₆	7 ¹ / ₄	8 ⁷ / ₈	106
	(381)	(105)	(95)	(114)	(129)	(248)	(102)	(165)	(76)	(168)	(277)	(462)	(185)	(225)	(48)

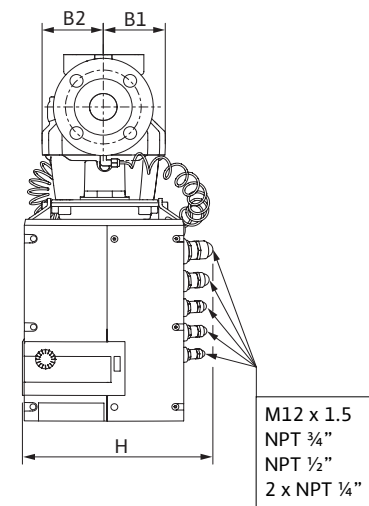
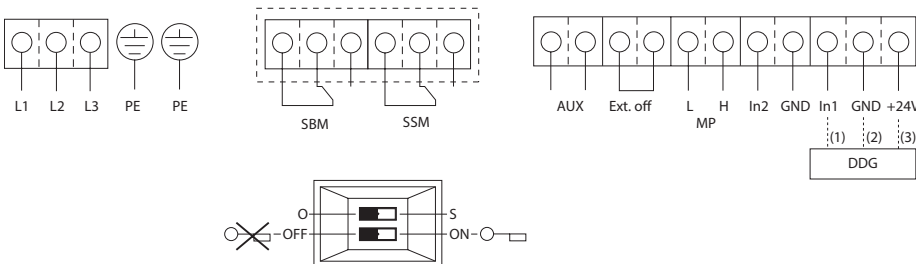
Flange Dimensions - 125#ANSI

Dimensions - Inches (mm)				
Dia.	ØD	Ød	Øk	n x Ød _L
2.5"	7 ⁹ / ₃₂	4 ¹⁵ / ₁₆	5 ¹ / ₂	4 x 3/4
	(185)	(126)	(140)	(4 x 19)



EC Motor Data (Single Motor Operation)

Model	P ₂ Rated	P ₁	Speed	FLA
	hp	kW	RPM	3~480V
Stratos GIGA 2.5/3-39	1.7	1.3	500-2680	1.5

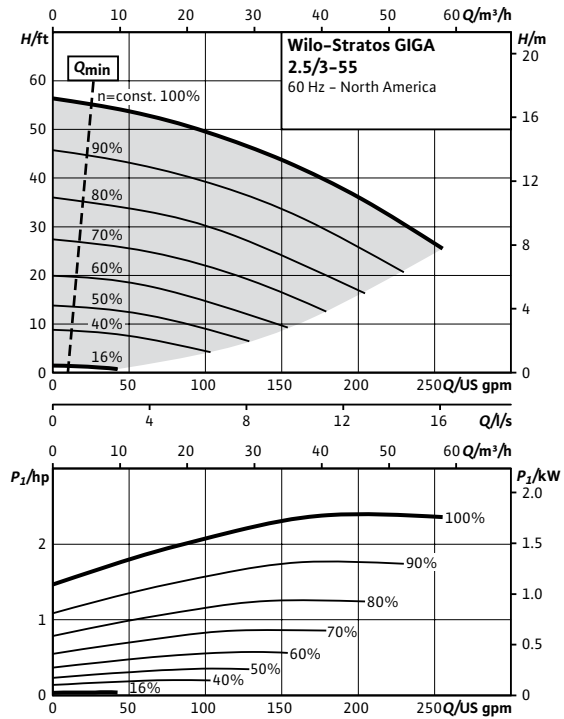
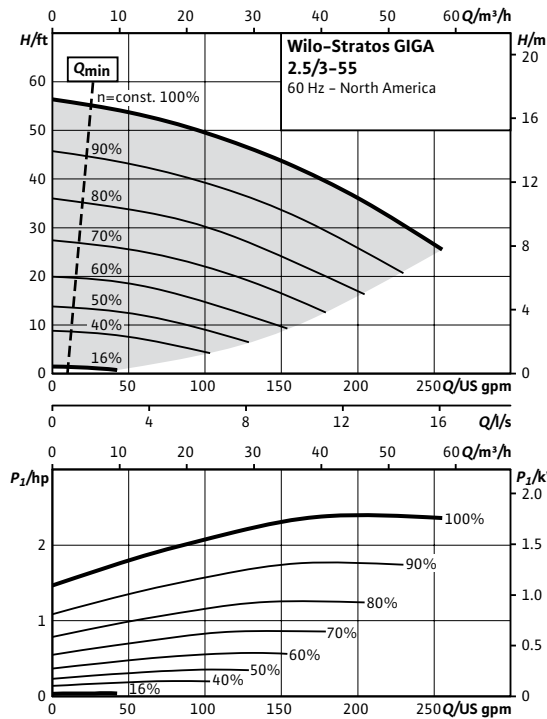


Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

	Project:						
	Engineer:						
	Contractor:						
	Submitted By:				Date:		
	Approved By:				Date:		
Tag #	Model #	Flow	Head	Control Mode	Cycle	Phase	Voltage
	Stratos GIGA 2.5/3-55					3	460

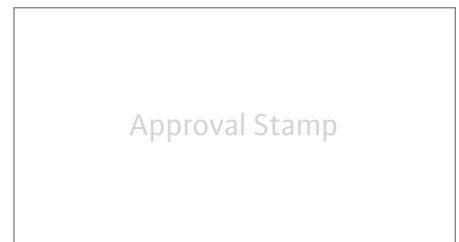


Technical Data	
PEI	0..61
Liquid Temp Range	-4°F to 248°F (-20°C to +120°C)
Fluid Capability	Water 50/50 Water-Glycol Mixtures
Max Operating Pressure	232 PSI 248°F (water only) 194°F (50% propylene)
Mains Voltage	3- 380-480V ±10% 50/60Hz
Protection Class	IP 55, Class F Insulation
Ambient Temp Range	32°F 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)

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

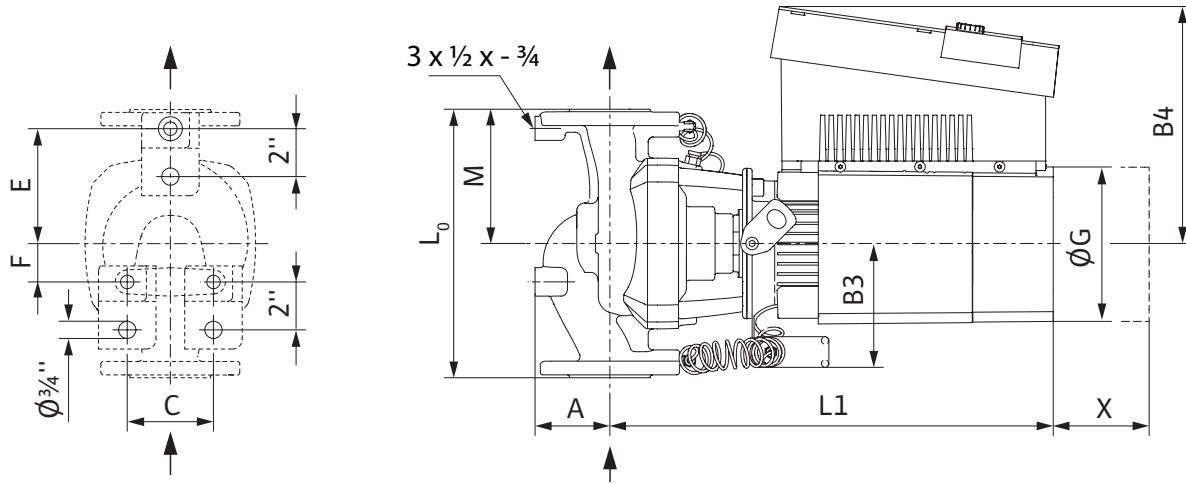
IR Module Selection		
Module 1	Module	Article Number
	BACnet / Dual Pump	2097811
	LONworks / Dual Pump	2022530
	MODBus	2097809
	None	None



Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

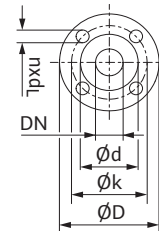


Dimensions and Weights

Model	Dimensions - Inches (mm)														Weight lbs (kg)
	I ₀	A	B1	B2	B3	B4	C	E	F	ØG	H	L1	M	X	
Stratos GIGA 2.5/3-55	15	4 ¹ / ₈	3 ³ / ₄	4 ¹ / ₂	5 ³ / ₁₆	9 ³ / ₄	4	6 ¹ / ₂	3	6 ⁵ / ₈	10 ⁷ / ₈	18 ³ / ₁₆	7 ¹ / ₄	8 ⁷ / ₈	106
	(381)	(105)	(95)	(114)	(129)	(248)	(102)	(165)	(76)	(168)	(277)	(462)	(185)	(225)	(48)

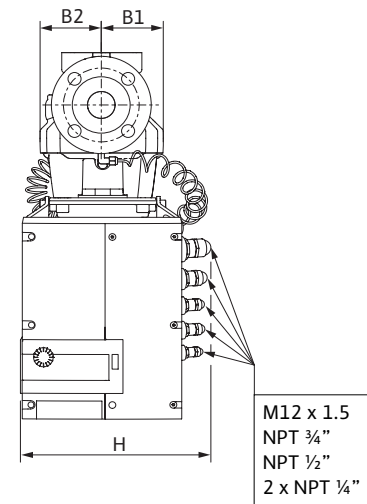
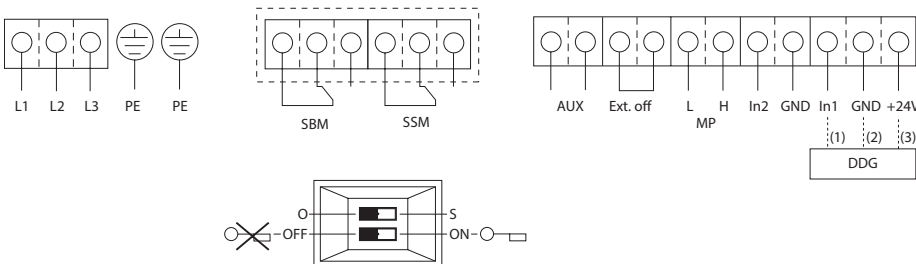
Flange Dimensions - 125#ANSI

Dimensions - Inches (mm)				
Dia.	ØD	Ød	Øk	n x Ød _L
2.5"	7 ⁹ / ₃₂	4 ¹⁵ / ₁₆	5 ¹ / ₂	4 x 3/4
	(185)	(126)	(140)	(4 x 19)



EC Motor Data (Single Motor Operation)

Model	P ₂ Rated	P ₁	Speed	FLA
	hp	kW	RPM	3~480V
Stratos GIGA 2.5/3-55	2.6	1.9	500-3100	2.3

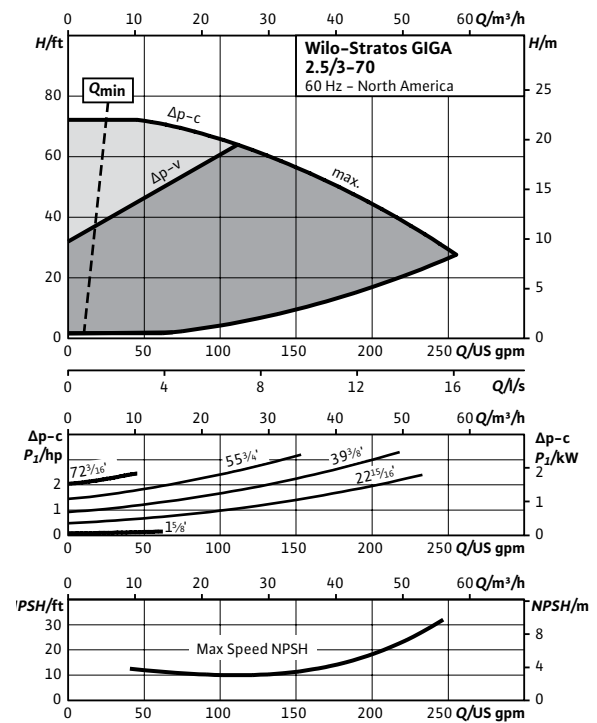
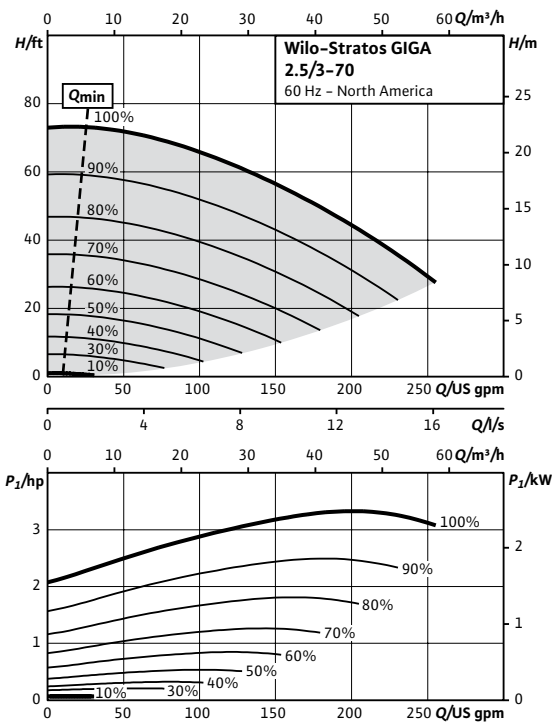


Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	Control Mode	Cycle	Phase	Voltage
	Stratos GIGA 2.5/3-70					3	460

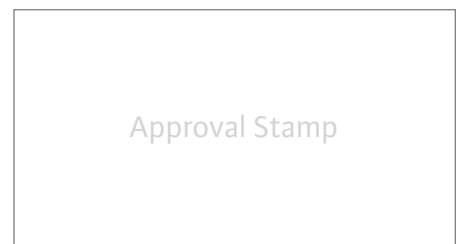


Technical Data	
PEI	0.70
Liquid Temp Range	-4°F to 248°F (-20°C to +120°C)
Fluid Capability	Water 50/50 Water-Glycol Mixtures
Max Operating Pressure	232 PSI 248°F (water only) 194°F (50% propylene)
Mains Voltage	3- 380-480V ±10% 50/60Hz
Protection Class	IP 55, Class F Insulation
Ambient Temp Range	32°F 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

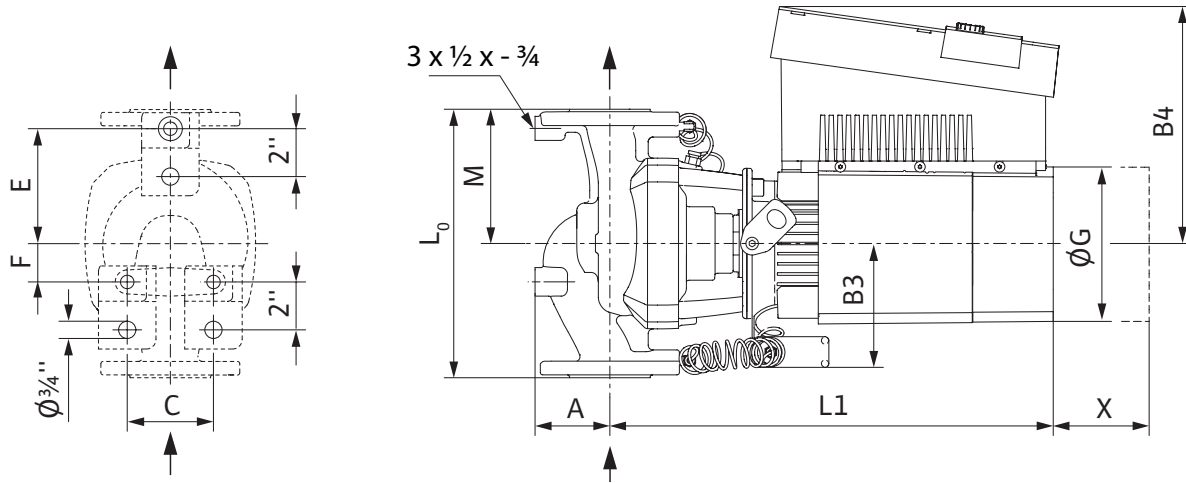
Applications	
• Hot Water Heating Systems	• Closed Cooling Circuits
• Industrial Circulation Systems	• Air-conditioning Systems
• Solar	• Geothermal



Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

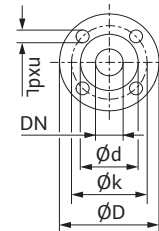


Dimensions and Weights

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

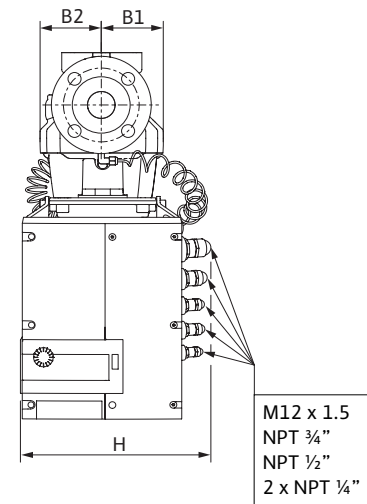
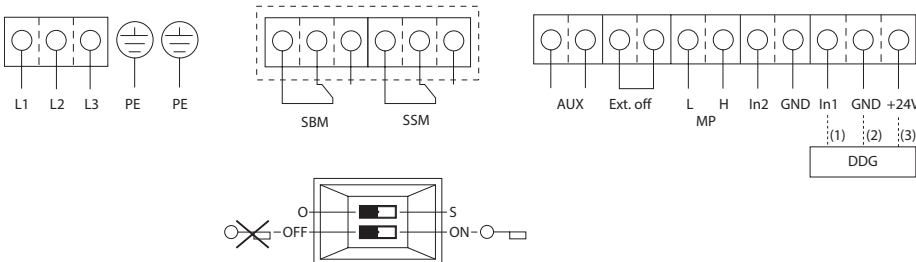
Flange Dimensions - 125#ANSI

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



EC Motor Data (Single Motor Operation)

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

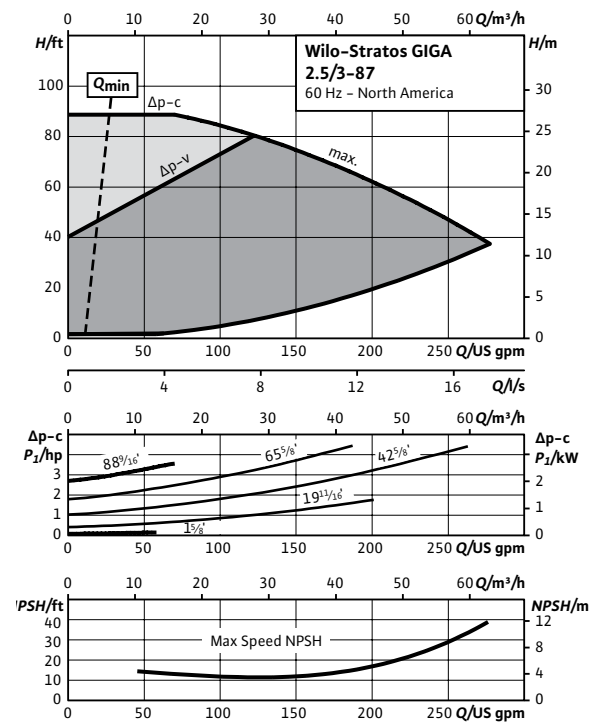
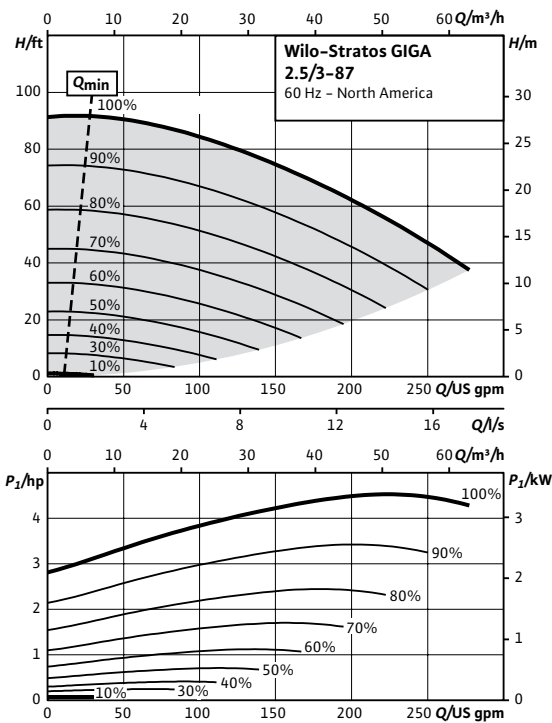


Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	Control Mode	Cycle	Phase	Voltage
	Stratos GIGA 2.5/3-87					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

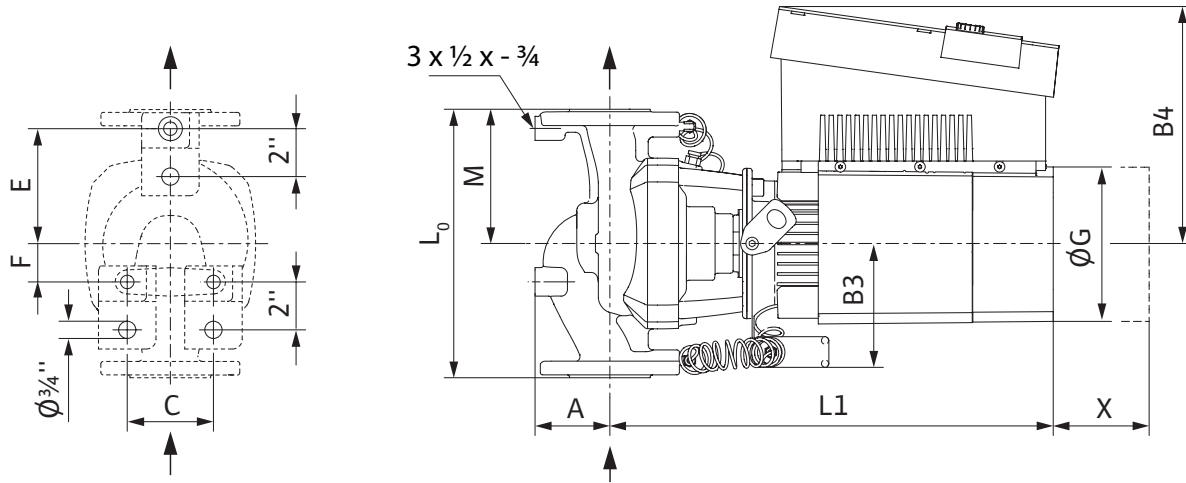
Applications	
• Hot Water Heating Systems	• Closed Cooling Circuits
• Industrial Circulation Systems	• Air-conditioning Systems
• Solar	• Geothermal

Approval Stamp

Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

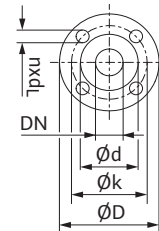


Dimensions and Weights

Model	Dimensions - Inches (mm)														Weight lbs (kg)
	I ₀	A	B1	B2	B3	B4	C	E	F	ØG	H	L1	M	X	
Stratos GIGA 2.5/3-87	15	4	3¾	4 ^{1/16}	5 ^{1/16}	9¾	4	6½	3	6 ^{5/8}	10 ^{7/8}	17 ^{7/8}	7¼	8 ^{7/8}	103
	(381)	(101)	(95)	(103)	(129)	(248)	(102)	(165)	(76)	(168)	(277)	(454)	(184)	(225)	(47)

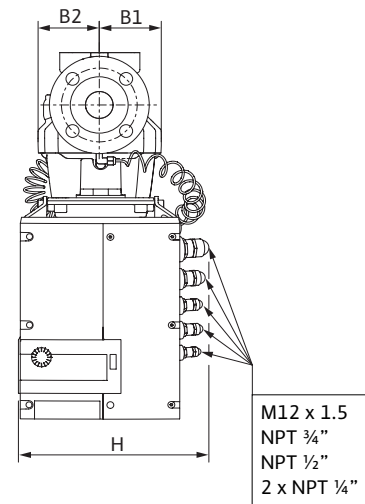
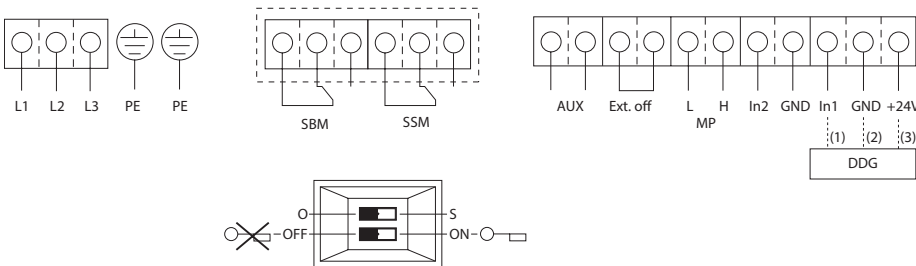
Flange Dimensions - 125#ANSI

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



EC Motor Data (Single Motor Operation)

Model	P ₂ Rated	P ₁	Speed	FLA
	hp	kW	RPM	3~480V
Stratos GIGA 2.5/3-87	4.6	3.4	500-4700	4.3A

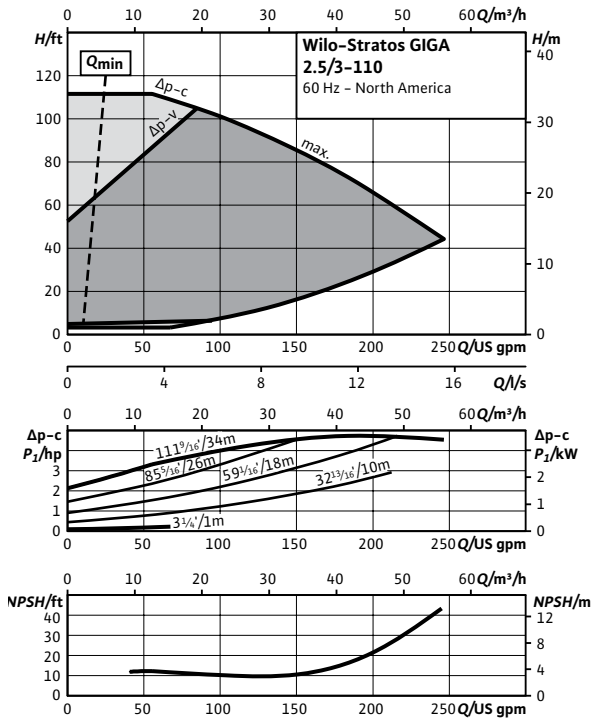
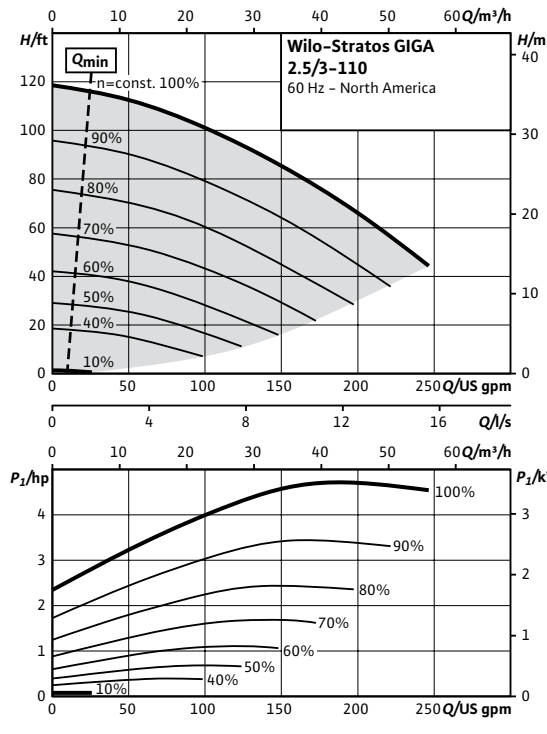


Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	Control Mode	Cycle	Phase	Voltage
	Stratos GIGA 2.5/3-110					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)

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

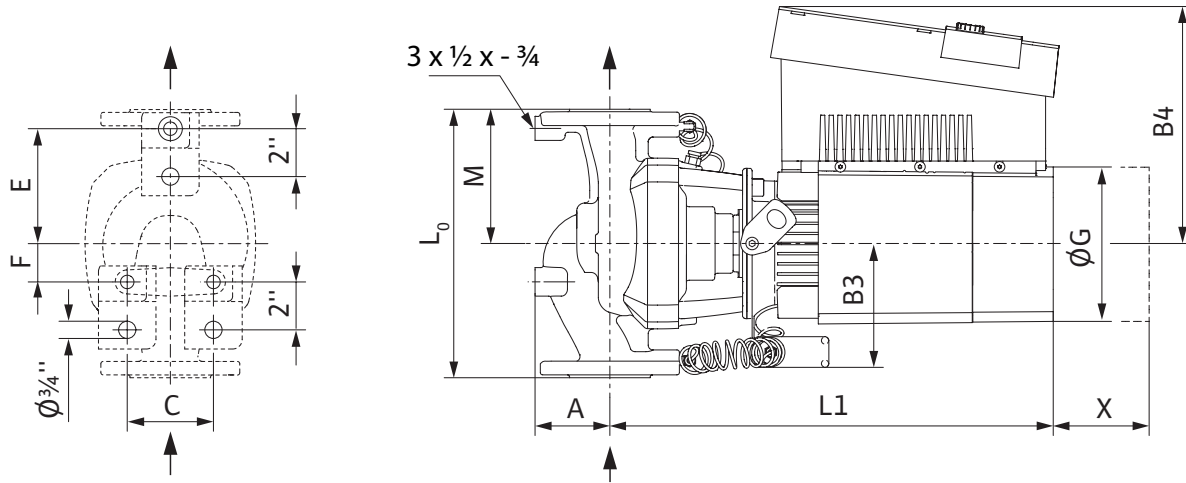
IR Module Selection		
Module 1	Module	Article Number
	BACnet / Dual Pump	2097811
	LONworks / Dual Pump	2022530
	MODBus	2097809
	None	None

Approval Stamp

Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

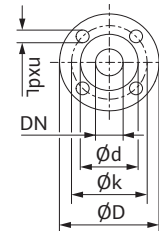


Dimensions and Weights

Model	Dimensions - Inches (mm)														Weight lbs (kg)
	I ₀	A	B1	B2	B3	B4	C	E	F	ØG	H	L1	M	X	
Stratos GIGA 2.5/3-110	15	4	3¾	3 ⁷ / ₈	5 ¹ / ₁₆	9¾	4	6½	3	6 ⁵ / ₈	10 ⁷ / ₈	18 ¹ / ₁₆	7¼	8 ⁷ / ₈	108
	(381)	(101)	(95)	(98)	(129)	(248)	(102)	(165)	(76)	(168)	(277)	(459)	(185)	(225)	(49)

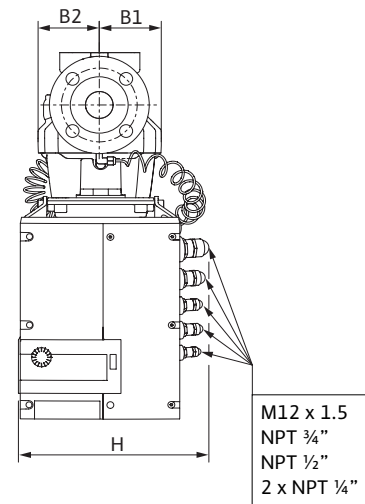
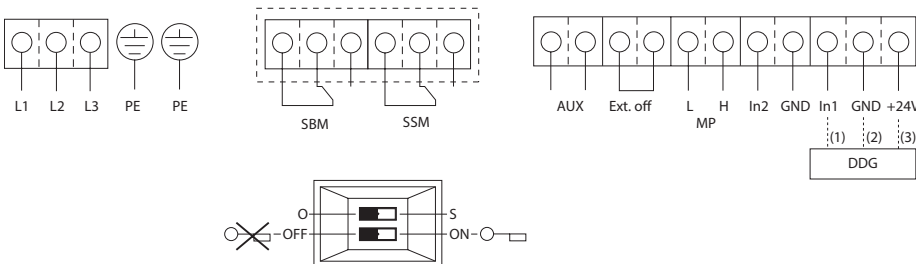
Flange Dimensions - 125#ANSI

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



EC Motor Data (Single Motor Operation)

Model	P ₂ Rated	P ₁	Speed	FLA
	hp	kW	RPM	3~480V
Stratos GIGA 2.5/3-110	4.7	3.5	500-4630	4.6

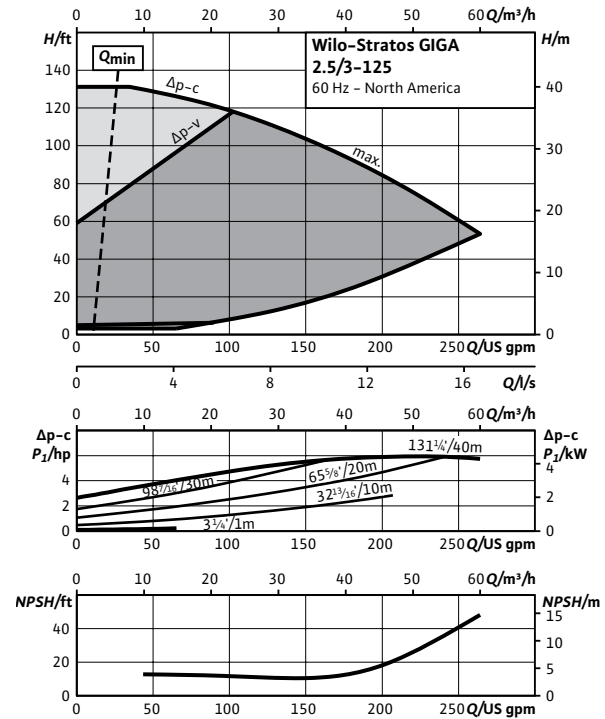
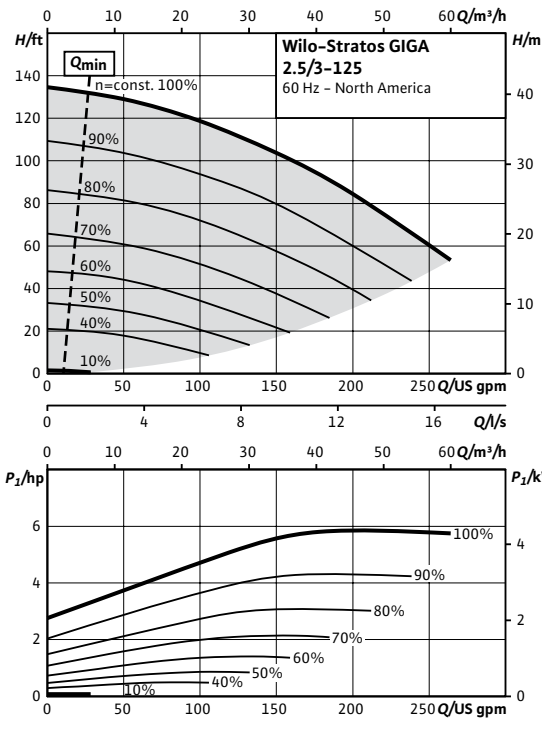


Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	Control Mode	Cycle	Phase	Voltage
	Stratos GIGA 2.5/3-125					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)

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

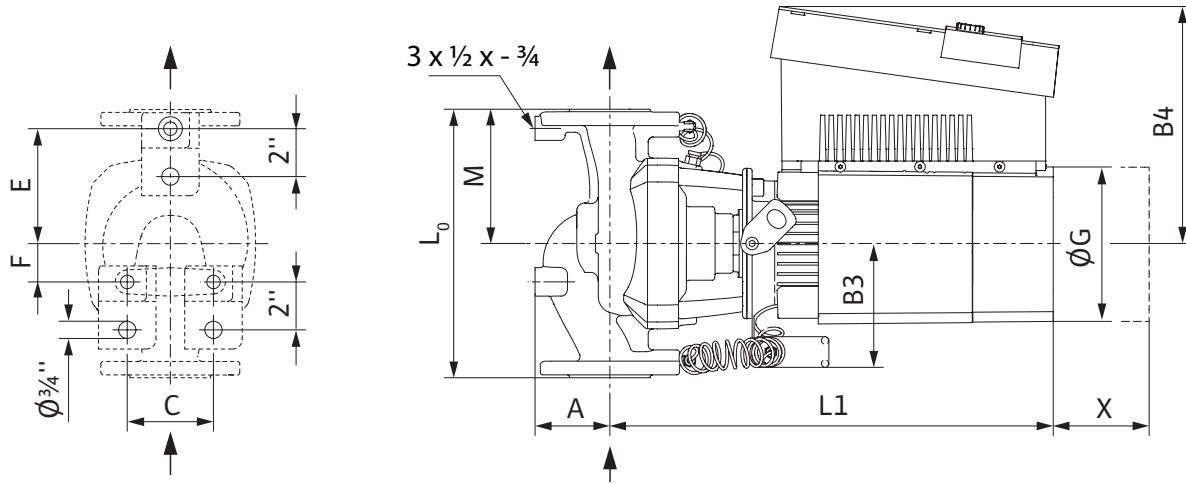
IR Module Selection		
Module 1	Module	Article Number
	BACnet / Dual Pump	2097811
	LONworks / Dual Pump	2022530
	MODBus	2097809
	None	None

Approval Stamp

Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

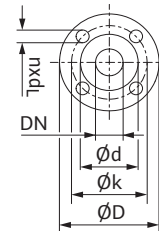


Dimensions and Weights

Model	Dimensions - Inches (mm)														Weight lbs (kg)
	I ₀	A	B1	B2	B3	B4	C	E	F	ØG	H	L1	M	X	
Stratos GIGA 2.5/3-125	15	4	3 ³ / ₄	3 ⁷ / ₈	5 ¹ / ₁₆	9 ³ / ₄	4	6 ¹ / ₂	3	6 ⁵ / ₈	10 ⁷ / ₈	18 ¹ / ₁₆	7 ¹ / ₄	8 ⁷ / ₈	108
	(381)	(101)	(95)	(98)	(129)	(248)	(102)	(165)	(76)	(168)	(277)	(459)	(185)	(225)	(49)

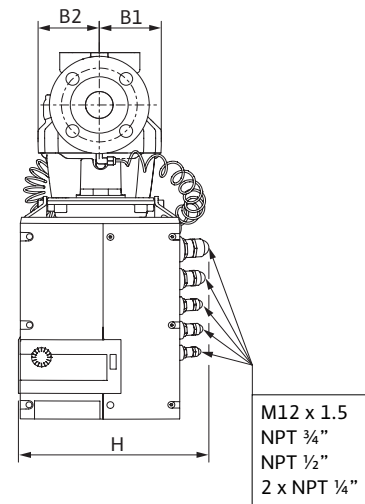
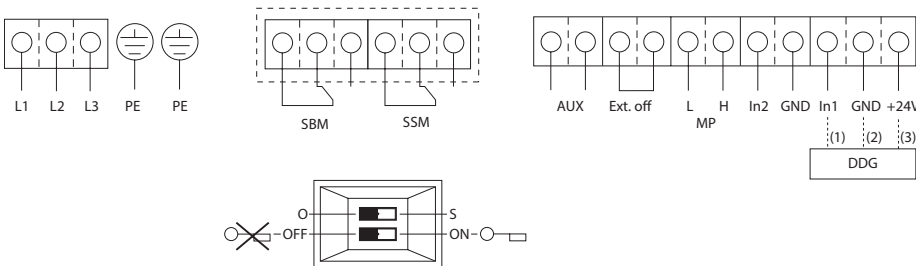
Flange Dimensions - 125#ANSI

Dimensions - Inches (mm)				
Dia.	ØD	Ød	Øk	n x Ød _L
2.5"	7 ⁹ / ₃₂	4 ¹⁵ / ₁₆	5 ¹ / ₂	4 x 3 ³ / ₄
	(185)	(126)	(140)	(4 x 19)



EC Motor Data (Single Motor Operation)

Model	P ₂ Rated	P ₁	Speed	FLA
	hp	kW	RPM	3~480V
Stratos GIGA 2.5/3-125	5.9	4.4	500-4610	5.6



Wilo USA LLC

Wilo Canada Inc.

T +1 262-204-6600
F +1 847-825-9456

www.wilo-usa.com
info.us@wilo.com

T +1 403-276-9456
F +1 403-277-9456

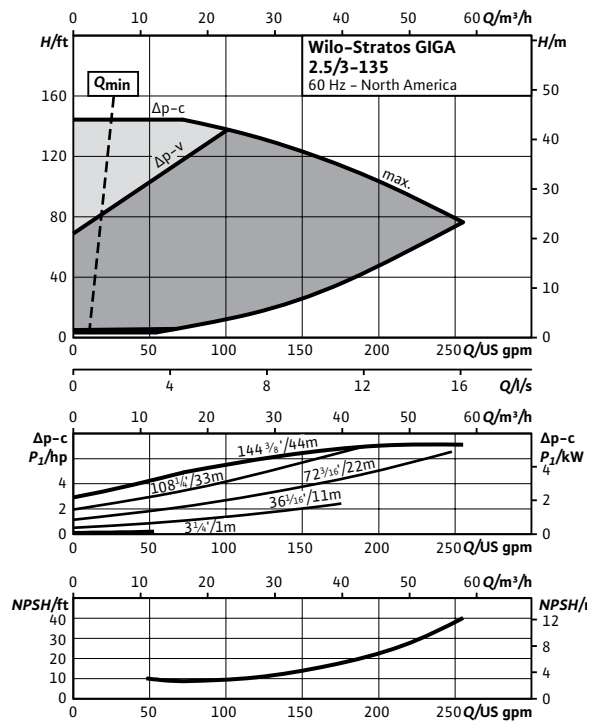
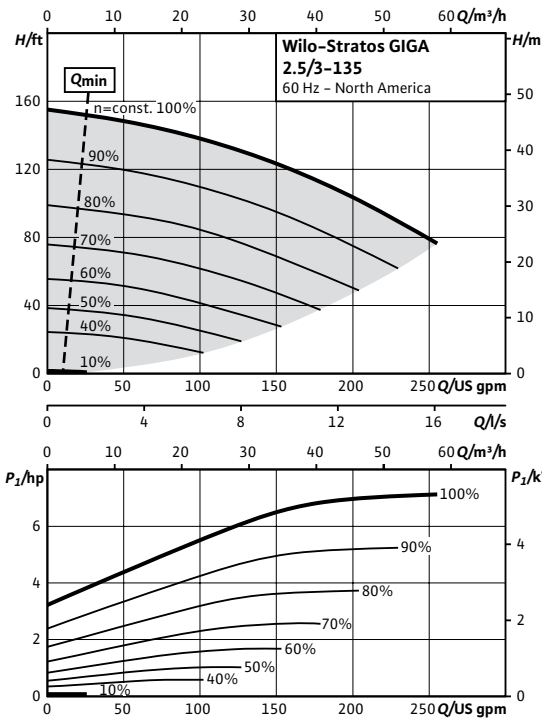
www.wilo-canada.com
info@wilo-canada.com

Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	Control Mode	Cycle	Phase	Voltage
	Stratos GIGA 2.5/3-135					3	460

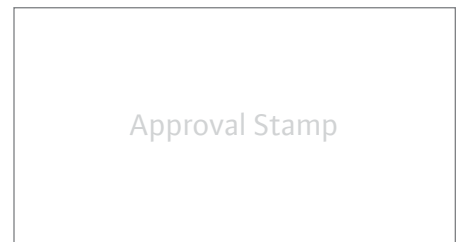


Technical Data	
Liquid Temp Range	-4°F to 248°F (-20°C to +120°C)
Fluid Capability	Water 50/50 Water-Glycol Mixtures
Max Operating Pressure	232 PSI 248°F (water only) 194°F (50% propylene)
Mains Voltage	3- 380-480V ±10% 50/60Hz
Protection Class	IP 55, Class F Insulation
Ambient Temp Range	32°F to 104°F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

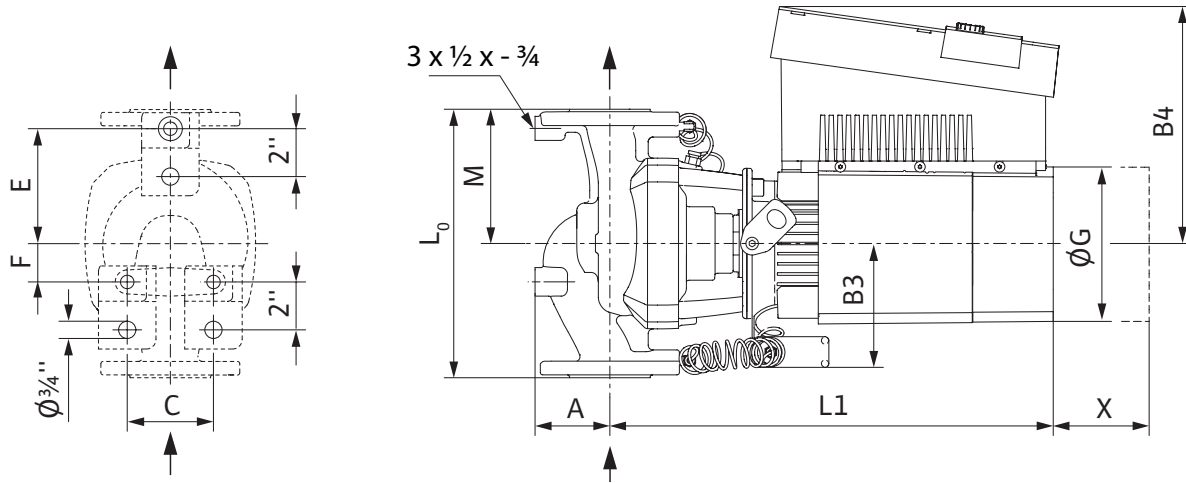
Applications	
• Hot Water Heating Systems	• Closed Cooling Circuits
• Industrial Circulation Systems	• Air-conditioning Systems
• Solar	• Geothermal



Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

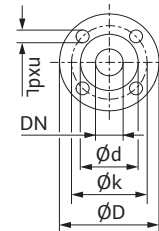


Dimensions and Weights

Model	Dimensions - Inches (mm)														Weight lbs (kg)
	I ₀	A	B1	B2	B3	B4	C	E	F	ØG	H	L1	M	X	
Stratos GIGA 2.5/3-135	15	4	3 ³ / ₄	3 ⁷ / ₈	5 ¹ / ₁₆	10 ⁹ / ₁₆	4	6 ¹ / ₂	3	6 ⁵ / ₈	10 ⁷ / ₈	21 ⁵ / ₈	7 ¹ / ₄	11 ³ / ₁₆	126
	(381)	(101)	(95)	(98)	(129)	(268)	(102)	(165)	(76)	(168)	(277)	(549)	(185)	(300)	(57)

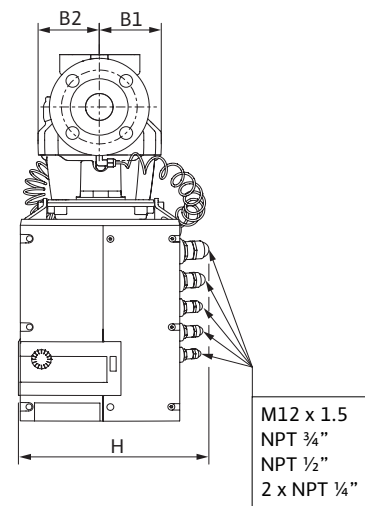
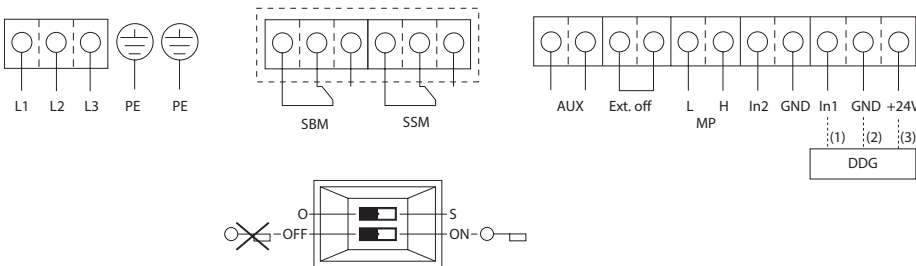
Flange Dimensions - 125#ANSI

Dimensions - Inches (mm)				
Dia.	ØD	Ød	Øk	n x Ød _L
2.5"	7 ⁹ / ₃₂	4 ¹⁵ / ₁₆	5 ¹ / ₂	4 x 3/4
	(185)	(126)	(140)	(4 x 19)



EC Motor Data (Single Motor Operation)

Model	P ₂ Rated	P ₁	Speed	FLA
	hp	kW	RPM	3~480V
Stratos GIGA 2.5/3-135	7.1	5.3	500-4930	6.8

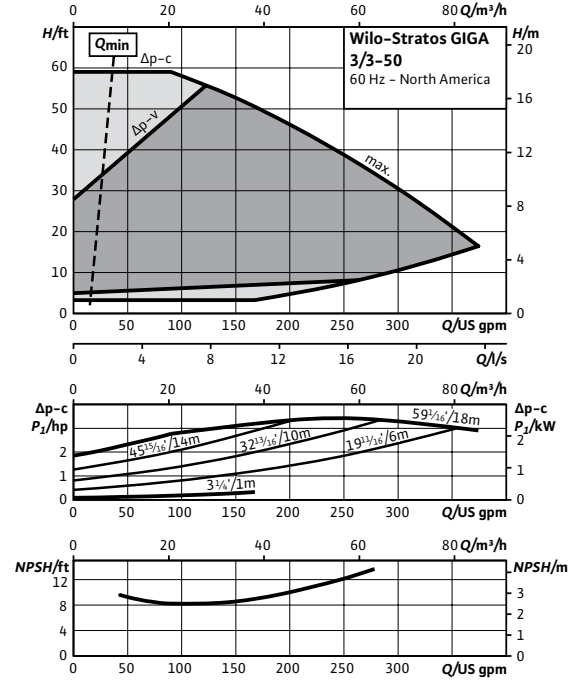
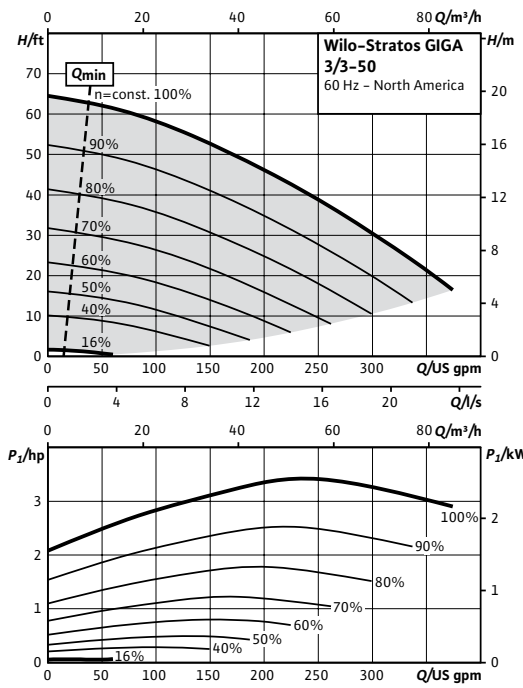


Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

	Project:						
	Engineer:						
	Contractor:						
	Submitted By:				Date:		
	Approved By:				Date:		
Tag #	Model #	Flow	Head	Control Mode	Cycle	Phase	Voltage
	Stratos GIGA 3/3-50					3	460

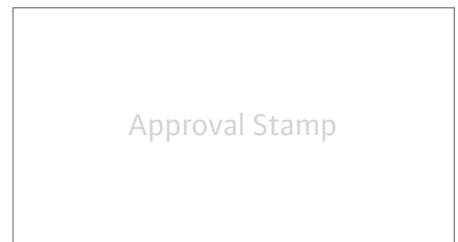


Technical Data	
PEI	0.46
Liquid Temp Range	-4°F to 248°F (-20°C to +120°C)
Fluid Capability	Water 50/50 Water-Glycol Mixtures
Max Operating Pressure	232 PSI 248°F (water only) 194°F (50% propylene)
Mains Voltage	3- 380-480V ±10% 50/60Hz
Protection Class	IP 55, Class F Insulation
Ambient Temp Range	32°F 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

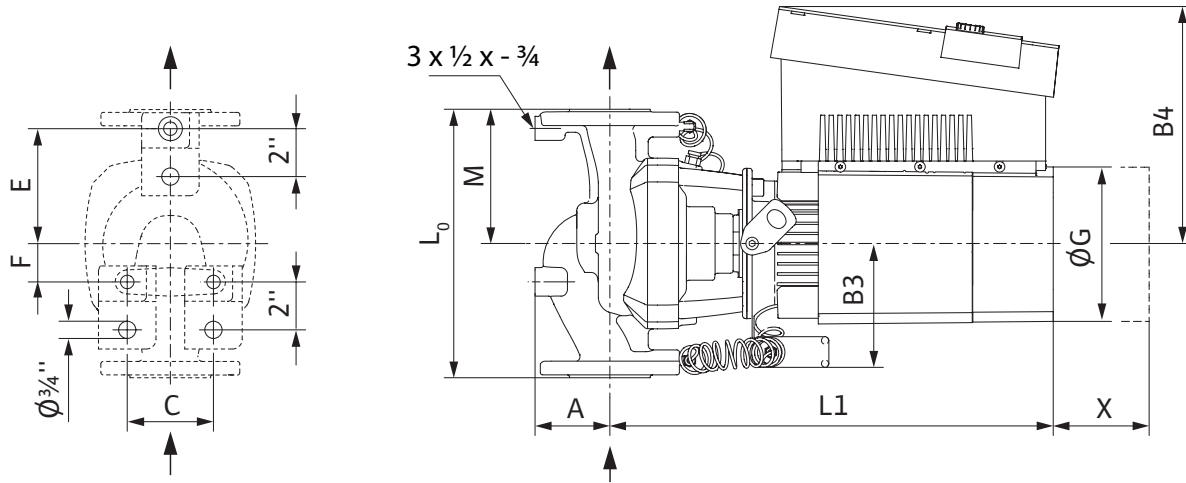
Applications	
• Hot Water Heating Systems	• Closed Cooling Circuits
• Industrial Circulation Systems	• Air-conditioning Systems
• Solar	• Geothermal



Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

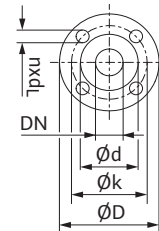


Dimensions and Weights

Model	Dimensions - Inches (mm)														Weight lbs (kg)
	I ₀	A	B1	B2	B3	B4	C	E	F	ØG	H	L1	M	X	
Stratos GIGA 3/3-50	18	4½	3 ¹¹ / ₁₆	5 ¹ / ₁₆	5 ¹ / ₁₆	9¾	4¾	8	3½	6 ⁵ / ₈	10 ⁷ / ₈	18 ³ / ₈	9	8 ⁷ / ₈	123
	(457)	(108)	(94)	(129)	(129)	(248)	(121)	(203)	(89)	(168)	(276)	(470)	(229)	(225)	(56)

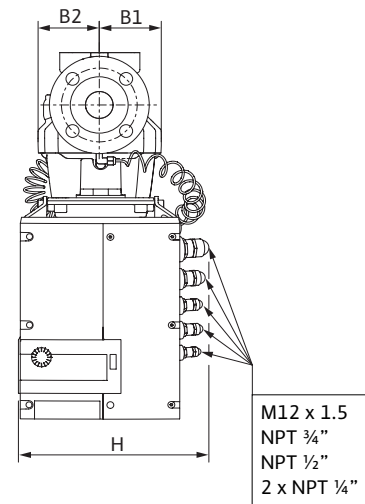
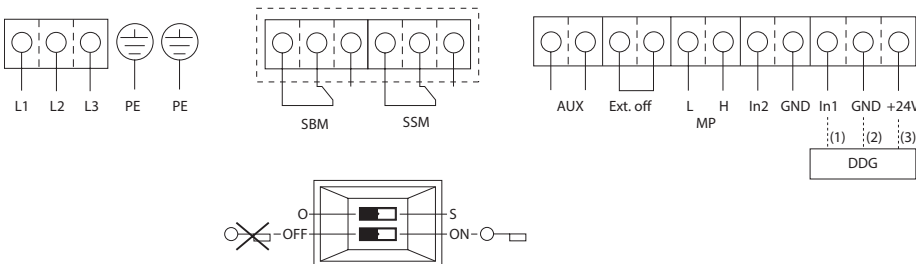
Flange Dimensions - 125#ANSI

Dimensions - Inches (mm)				
Dia.	ØD	Ød	Øk	n x Ød _L
3"	8¾	5 ¹¹ / ₁₆	6	4 x ¾
	(210)	(144)	(152)	(4 x 19)



EC Motor Data (Single Motor Operation)

Model	P ₂ Rated	P ₁	Speed	FLA
	hp	kW	RPM	3~480V
Stratos GIGA 3/3-50	3.5	2.6	500-2300	3.3

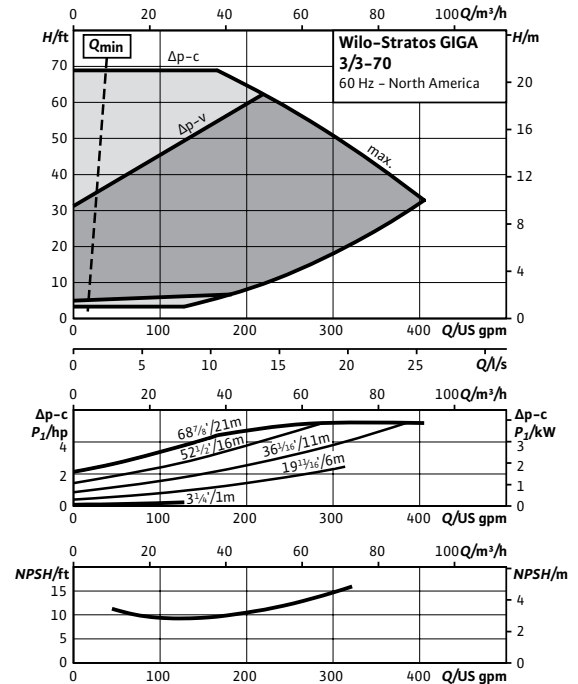
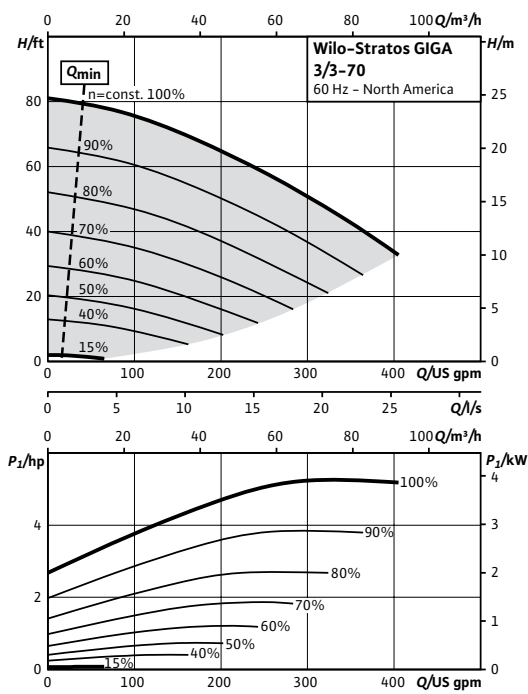


Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

	Project:						
	Engineer:						
	Contractor:						
	Submitted By:				Date:		
	Approved By:				Date:		
Tag #	Model #	Flow	Head	Control Mode	Cycle	Phase	Voltage
	Stratos GIGA 3/3-70					3	460



Technical Data	
PEI	0.50
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

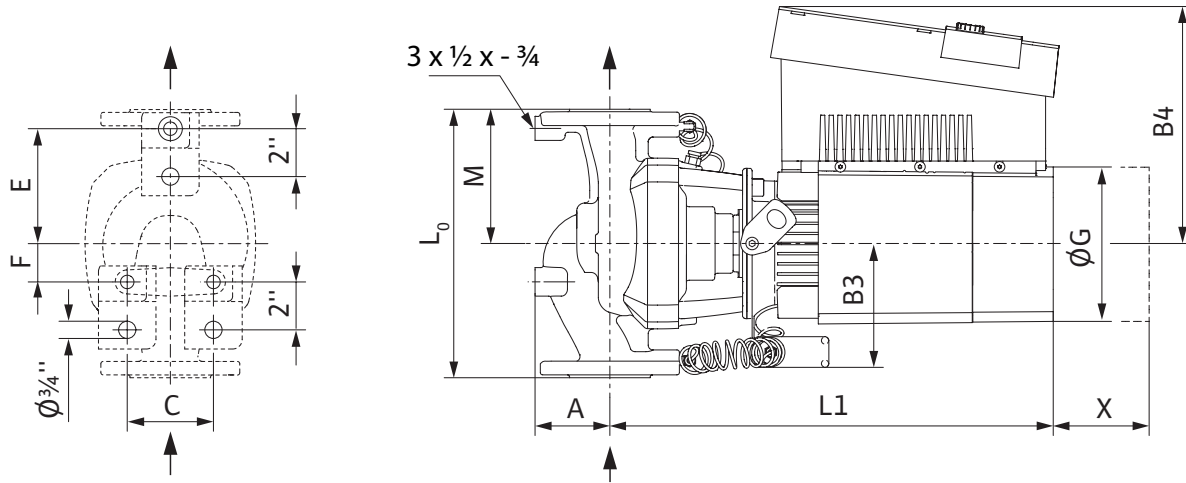
Applications	
• Hot Water Heating Systems	• Closed Cooling Circuits
• Industrial Circulation Systems	• Air-conditioning Systems
• Solar	• Geothermal

Approval Stamp

Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

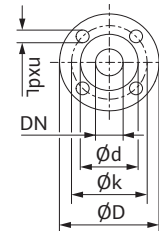


Dimensions and Weights

Model	Dimensions - Inches (mm)														Weight lbs (kg)
	l_0	A	B1	B2	B3	B4	C	E	F	ϕG	H	L1	M	X	
Stratos GIGA 3/3-70	18	4½	3 ^{11/16}	5 ^{1/16}	5 ^{1/16}	9¾	4¾	8	3½	6 ^{5/8}	10 ^{7/8}	18 ^{3/8}	9	8 ^{7/8}	123
	(457)	(114)	(94)	(129)	(129)	(248)	(121)	(203)	(89)	(168)	(276)	(470)	(229)	(225)	(56)

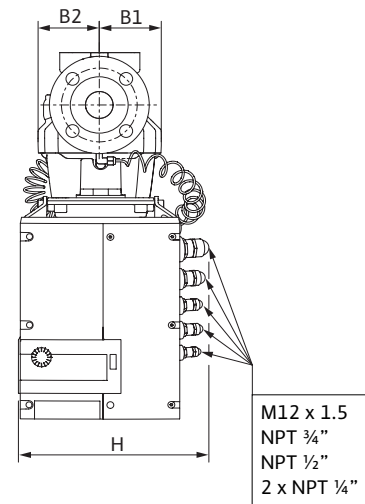
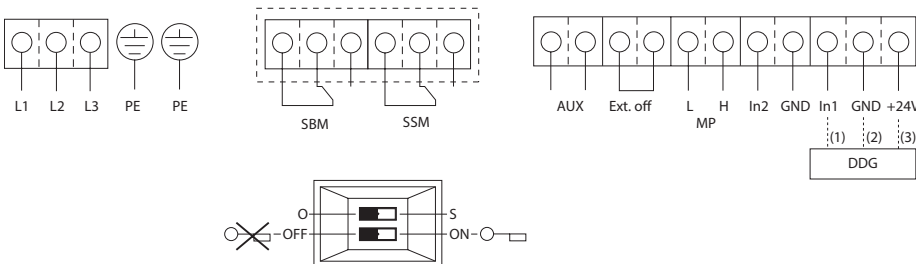
Flange Dimensions - 125#ANSI

Dimensions - Inches (mm)				
Dia.	ϕD	ϕd	ϕk	$n \times \phi d_L$
3"	8¾	5 ^{11/16}	6	4 x ¾
	(210)	(144)	(152)	(4 x 19)



EC Motor Data (Single Motor Operation)

Model	P ₂ Rated	P ₁	Speed	FLA
	hp	kW	RPM	3~480V
Stratos GIGA 3/3-70	5.4	4	500-2300	4.9

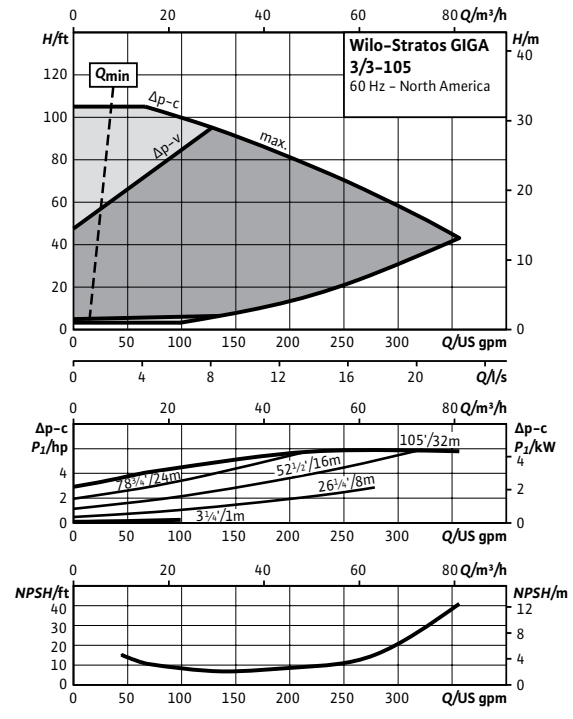
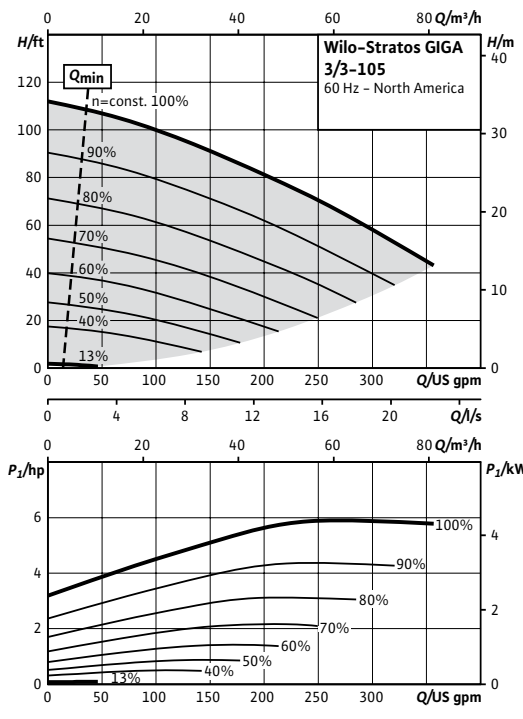


Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	Control Mode	Cycle	Phase	Voltage
	Stratos GIGA 3/3-105					3	460

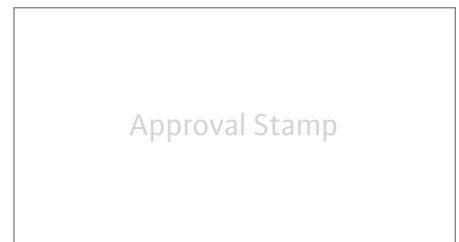


Technical Data	
PEI	0.47
Liquid Temp Range	-4°F to 248°F (-20°C to +120°C)
Fluid Capability	Water 50/50 Water-Glycol Mixtures
Max Operating Pressure	232 PSI 248°F (water only) 194°F (50% propylene)
Mains Voltage	3- 380-480V ±10% 50/60Hz
Protection Class	IP 55, Class F Insulation
Ambient Temp Range	32°F 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

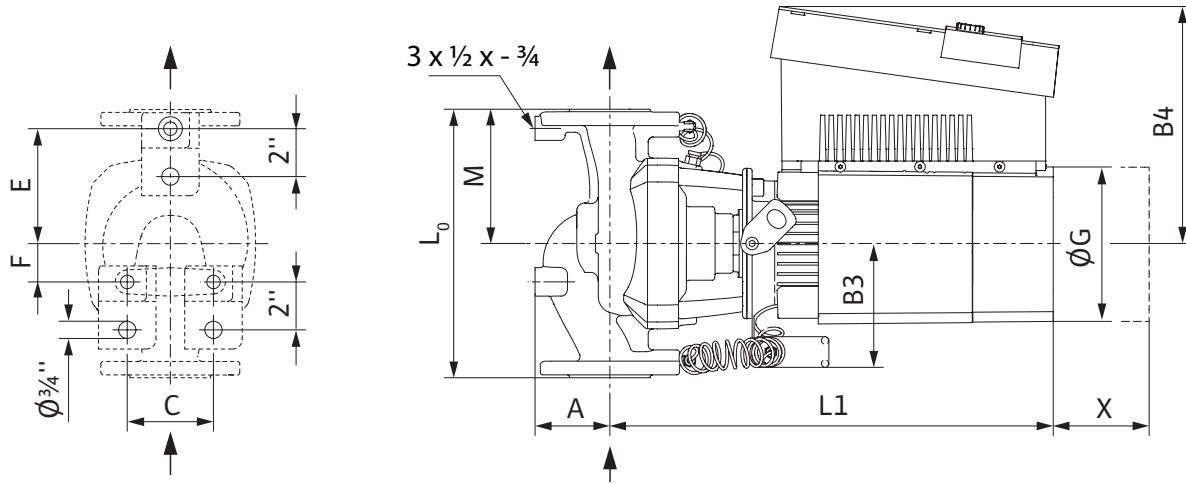
Applications	
• Hot Water Heating Systems	• Closed Cooling Circuits
• Industrial Circulation Systems	• Air-conditioning Systems
• Solar	• Geothermal



Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

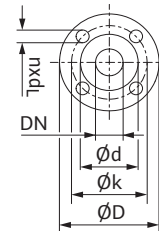


Dimensions and Weights

Model	Dimensions - Inches (mm)														Weight lbs (kg)
	I ₀	A	B1	B2	B3	B4	C	E	F	ØG	H	L1	M	X	
Stratos GIGA 3/3-105	18	4 1/4	4 5/16	4 1/2	5 1/16	10 9/16	4 3/4	8	3 1/2	6 7/8	10 7/8	21 3/4	9	11 13/16	148
	(457)	(108)	(110)	(114)	(129)	(268)	(121)	(203)	(89)	(175)	(276)	(552)	(229)	(300)	(67)

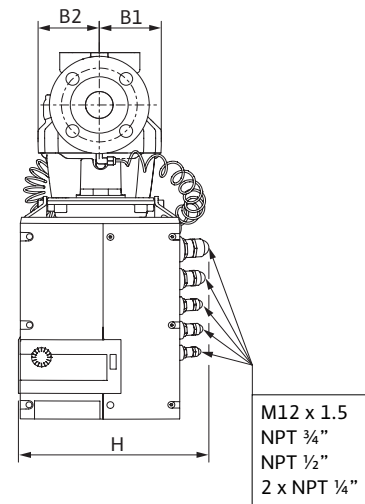
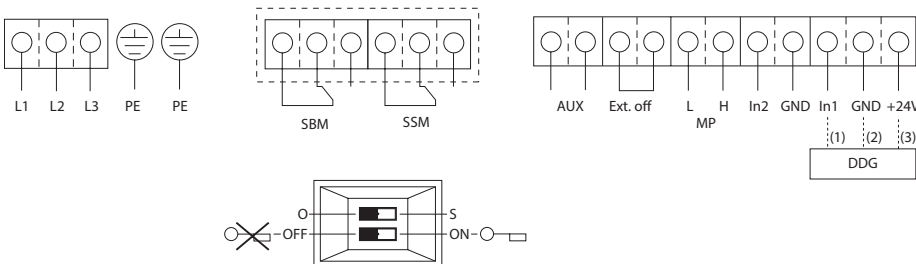
Flange Dimensions - 125#ANSI

Dimensions - Inches (mm)				
Dia.	ØD	Ød	Øk	n x Ød _L
3"	8 1/4	5 11/16	6	4 x 3/4
	(210)	(144)	(152)	(4 x 19)



EC Motor Data (Single Motor Operation)

Model	P ₂ Rated	P ₁	Speed	FLA
	hp	kW	RPM	3~480V
Stratos GIGA 3/3-105	6	4.5	500-2300	5.8

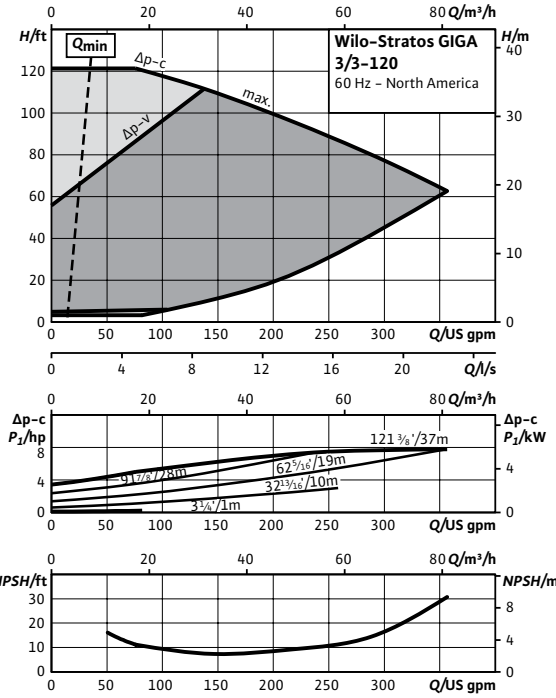
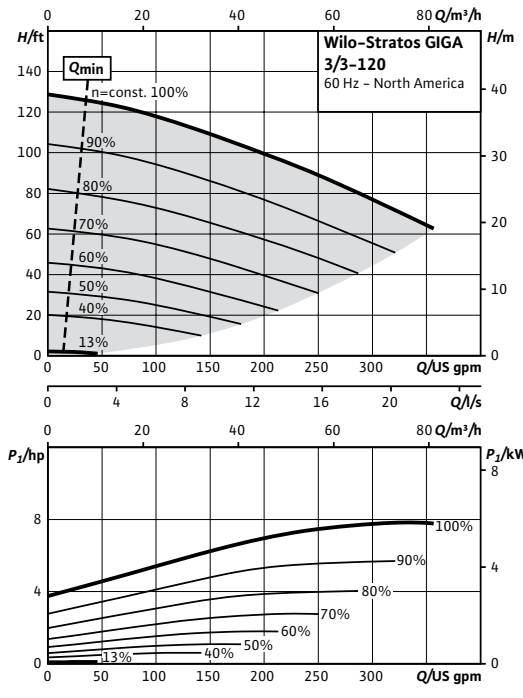


Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	Control Mode	Cycle	Phase	Voltage
	Stratos GIGA 3/3-120					3	460

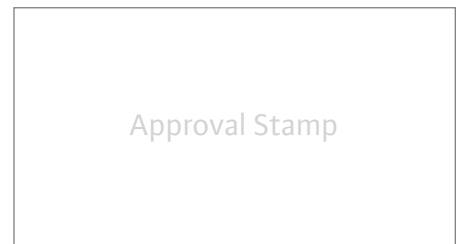


Technical Data	
PEI	0.48
Liquid Temp Range	-4°F to 248°F (-20°C to +120°C)
Fluid Capability	Water 50/50 Water-Glycol Mixtures
Max Operating Pressure	232 PSI 248°F (water only) 194°F (50% propylene)
Mains Voltage	3- 380-480V ±10% 50/60Hz
Protection Class	IP 55, Class F Insulation
Ambient Temp Range	32°F 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

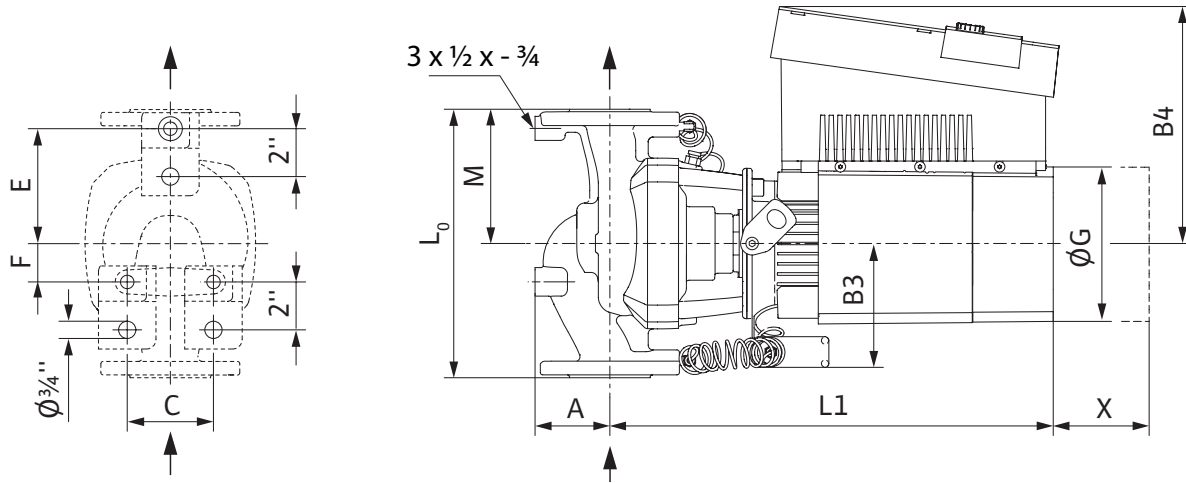
Applications	
• Hot Water Heating Systems	• Closed Cooling Circuits
• Industrial Circulation Systems	• Air-conditioning Systems
• Solar	• Geothermal



Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

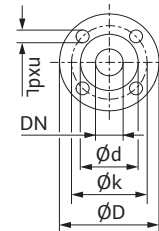


Dimensions and Weights

Model	Dimensions - Inches (mm)														Weight lbs (kg)
	I ₀	A	B1	B2	B3	B4	C	E	F	ØG	H	L1	M	X	
Stratos GIGA 3/3-120	18	4 1/4	4 5/16	4 1/2	5 1/16	11	4 3/4	8	3 1/2	6 7/8	10 7/8	21 7/8	9	11 13/16	159
	(457)	(108)	(110)	(114)	(129)	(279)	(121)	(203)	(89)	(175)	(276)	(556)	(229)	(300)	(72)

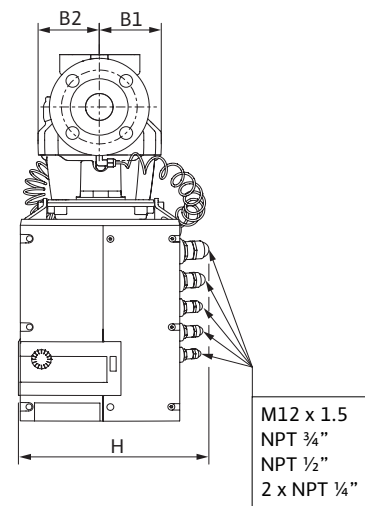
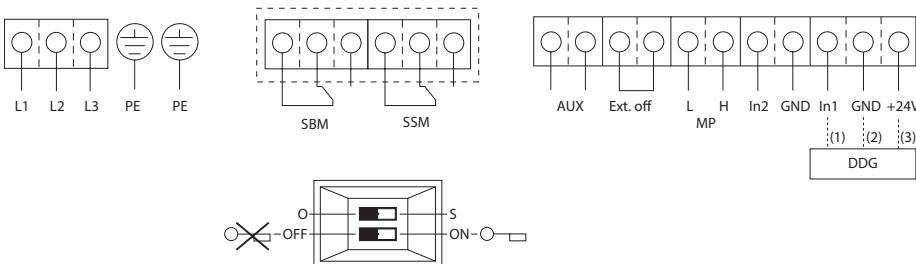
Flange Dimensions - 125#ANSI

Dimensions - Inches (mm)				
Dia.	ØD	Ød	Øk	n x Ød _L
3"	8 1/4	5 11/16	6	4 x 3/4
	(210)	(144)	(152)	(4 x 19)



EC Motor Data (Single Motor Operation)

Model	P ₂ Rated	P ₁	Speed	FLA
	hp	kW	RPM	3~480V
Stratos GIGA 3/3-120	7.8	5.8	500-2300	7.5

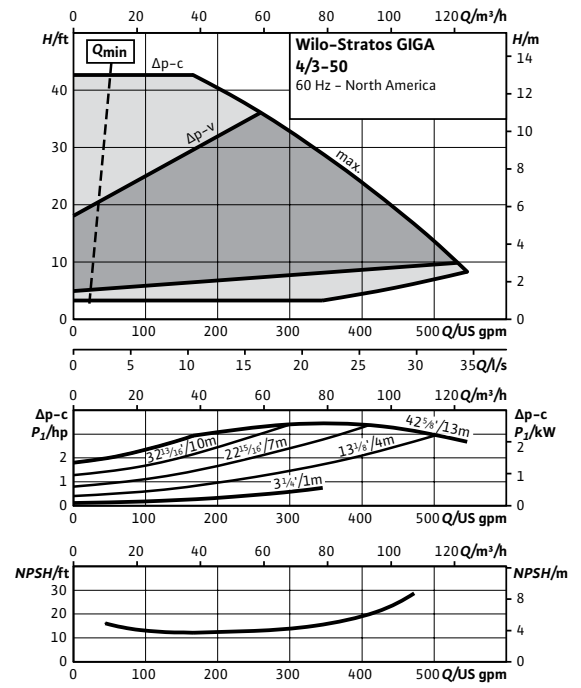
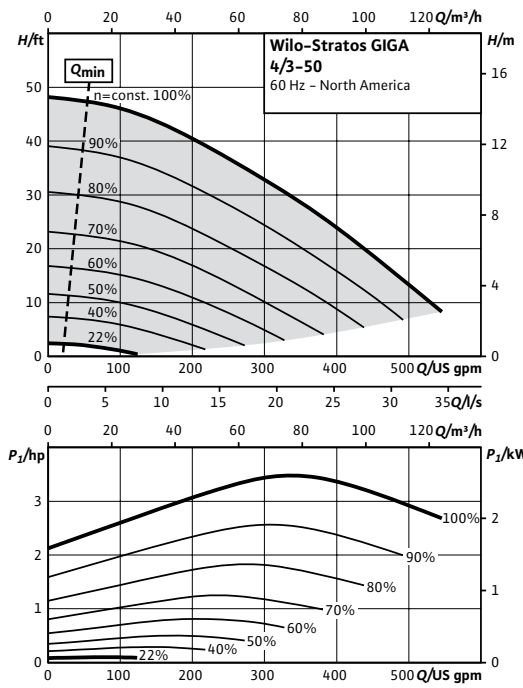


Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

	Project:						
	Engineer:						
	Contractor:						
	Submitted By:				Date:		
	Approved By:				Date:		
Tag #	Model #	Flow	Head	Control Mode	Cycle	Phase	Voltage
	Stratos GIGA 4/3-50					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)

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

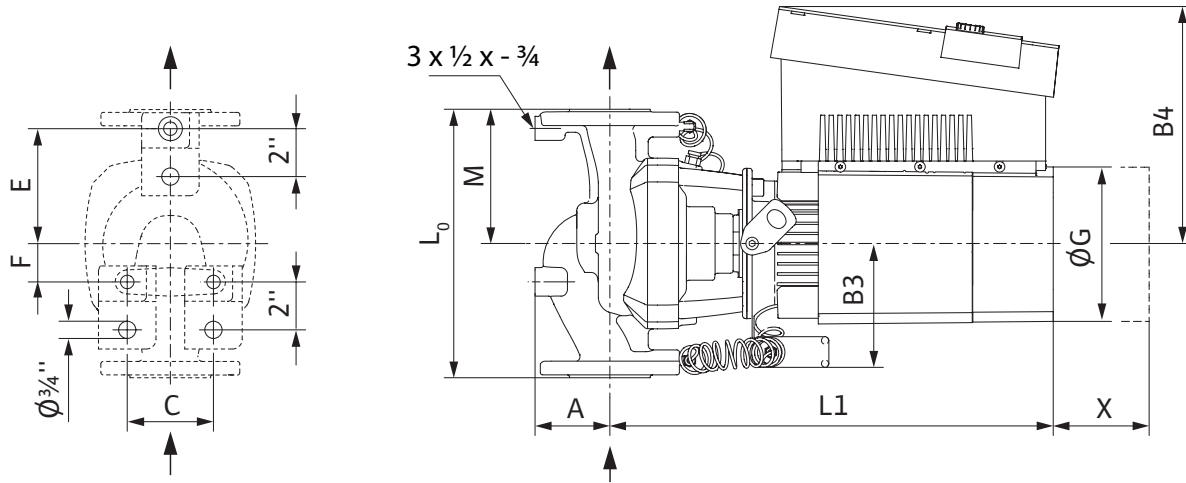
IR Module Selection		
Module 1	Module	Article Number
	BACnet / Dual Pump	2097811
	LONworks / Dual Pump	2022530
	MODBus	2097809
	None	None

Approval Stamp

Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

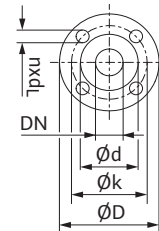


Dimensions and Weights

Model	Dimensions - Inches (mm)														Weight lbs (kg)
	l_0	A	B1	B2	B3	B4	C	E	F	ϕG	H	L1	M	X	
Stratos GIGA 4/3-50	19	5 $\frac{3}{4}$	5	6 $\frac{1}{4}$	5 $\frac{1}{16}$	10 $\frac{1}{16}$	5 $\frac{1}{2}$	8 $\frac{1}{2}$	3 $\frac{1}{2}$	6 $\frac{7}{8}$	10 $\frac{7}{8}$	21 $\frac{13}{16}$	9 $\frac{1}{2}$	11 $\frac{13}{16}$	172
	(482)	(146)	(127)	(159)	(129)	(256)	(140)	(216)	(89)	(175)	(276)	(554)	(241)	(300)	(78)

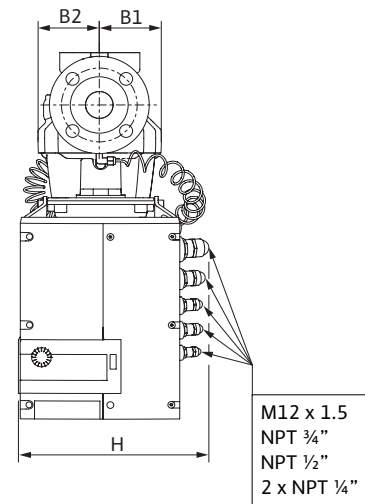
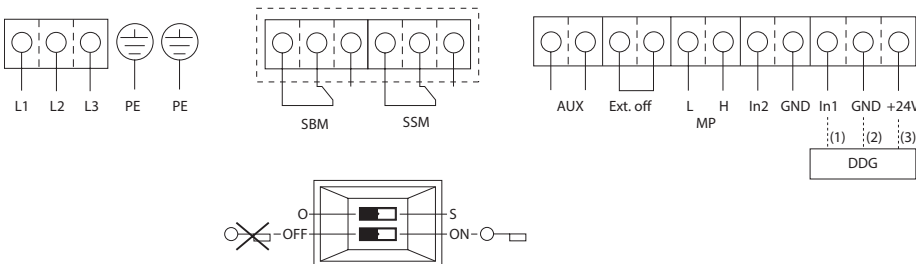
Flange Dimensions - 125#ANSI

Dimensions - Inches (mm)				
Dia.	ϕD	ϕd	ϕk	$n \times \phi d_L$
4"	10 (254)	6 $\frac{15}{16}$ (176)	7 $\frac{1}{2}$ (191)	8 x $\frac{3}{4}$ (8 x 19)



EC Motor Data (Single Motor Operation)

Model	P ₂ Rated	P ₁	Speed	FLA
	hp	kW	RPM	3~480V
Stratos GIGA 4/3-50	3.5	2.6	500-2300	3.3

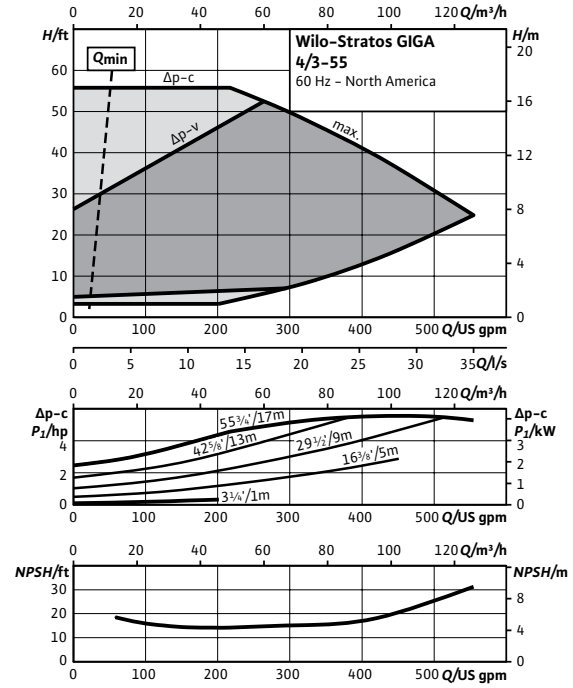
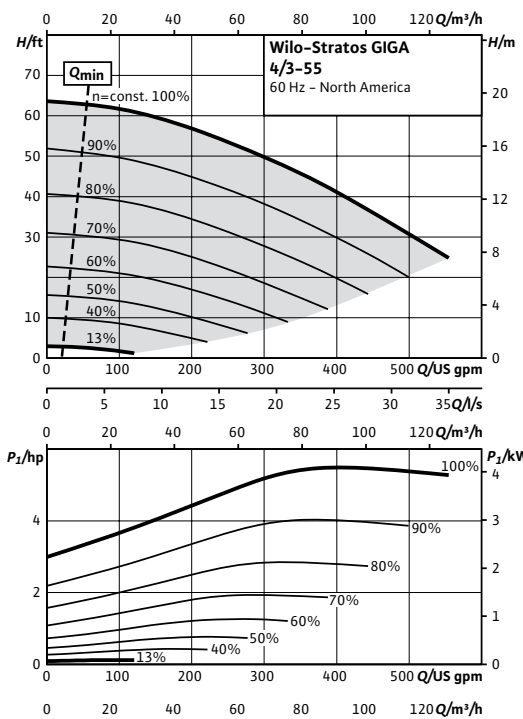


Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

	Project:						
	Engineer:						
	Contractor:						
	Submitted By:				Date:		
	Approved By:				Date:		
Tag #	Model #	Flow	Head	Control Mode	Cycle	Phase	Voltage
	Stratos GIGA 4/3-55					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)

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

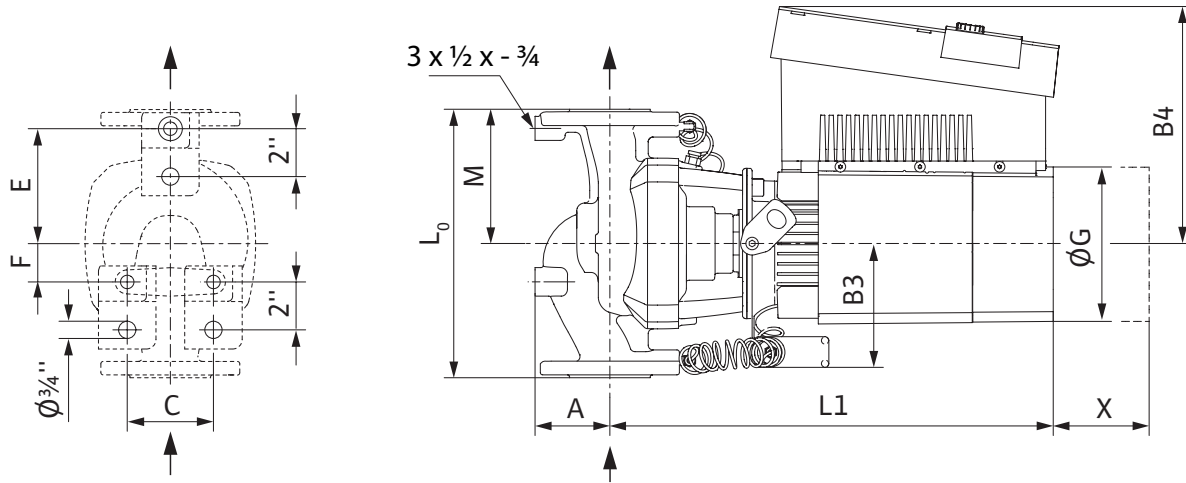
IR Module Selection		
Module 1	Module	Article Number
	BACnet / Dual Pump	2097811
	LONworks / Dual Pump	2022530
	MODBus	2097809
	None	None

Approval Stamp

Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

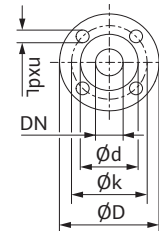


Dimensions and Weights

Model	Dimensions - Inches (mm)														Weight lbs (kg)
	I ₀	A	B1	B2	B3	B4	C	E	F	ØG	H	L1	M	X	
Stratos GIGA 4/3-55	19	5 ³ / ₄	5	6 ¹ / ₄	5 ¹ / ₁₆	10 ¹ / ₁₆	5 ¹ / ₂	8 ¹ / ₂	3 ¹ / ₂	6 ⁷ / ₈	10 ⁷ / ₈	21 ¹³ / ₁₆	9 ¹ / ₂	11 ¹³ / ₁₆	172
	(482)	(146)	(127)	(159)	(129)	(256)	(140)	(216)	(89)	(175)	(276)	(554)	(241)	(300)	(78)

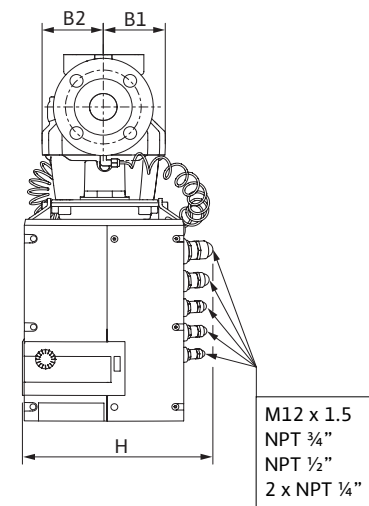
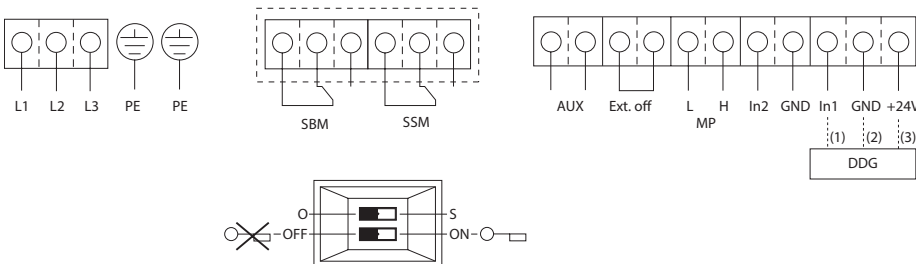
Flange Dimensions - 125#ANSI

Dimensions - Inches (mm)				
Dia.	ØD	Ød	Øk	n x Ød _L
4"	10 (254)	6 ¹⁵ / ₁₆ (176)	7 ¹ / ₂ (191)	8 x ³ / ₄ (8 x 19)



EC Motor Data (Single Motor Operation)

Model	P ₂ Rated	P ₁	Speed	FLA
	hp	kW	RPM	3~480V
Stratos GIGA 4/3-55	5.6	4.2	500-2300	5.3

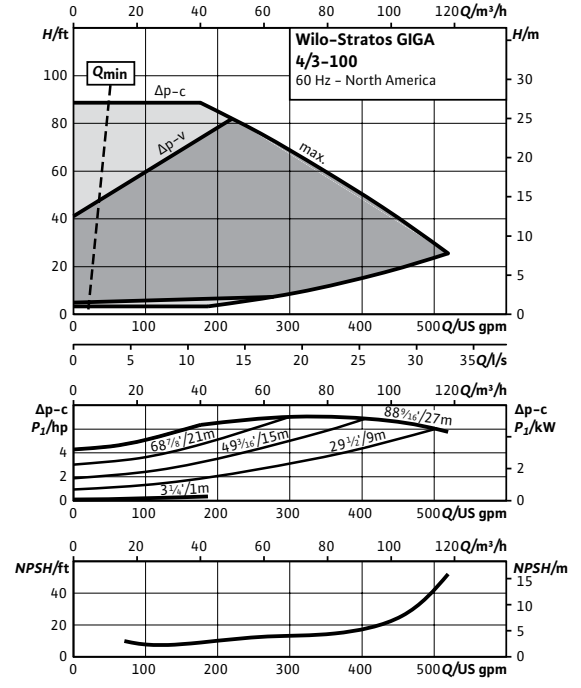
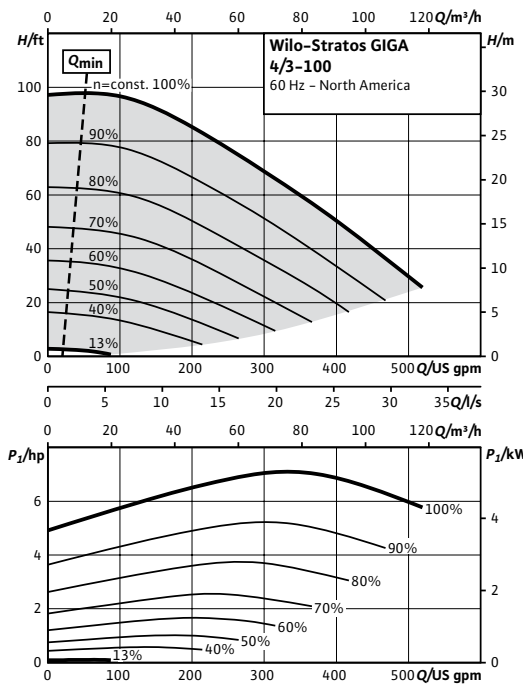


Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	Control Mode	Cycle	Phase	Voltage
	Stratos GIGA 4/3-100					3	460

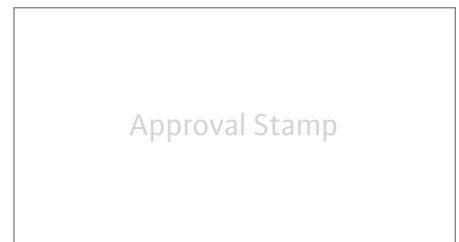


Technical Data	
PEI	0.49
Liquid Temp Range	-4°F to 248°F (-20°C to +120°C)
Fluid Capability	Water 50/50 Water-Glycol Mixtures
Max Operating Pressure	232 PSI 248°F (water only) 194°F (50% propylene)
Mains Voltage	3- 380-480V ±10% 50/60Hz
Protection Class	IP 55, Class F Insulation
Ambient Temp Range	32°F 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

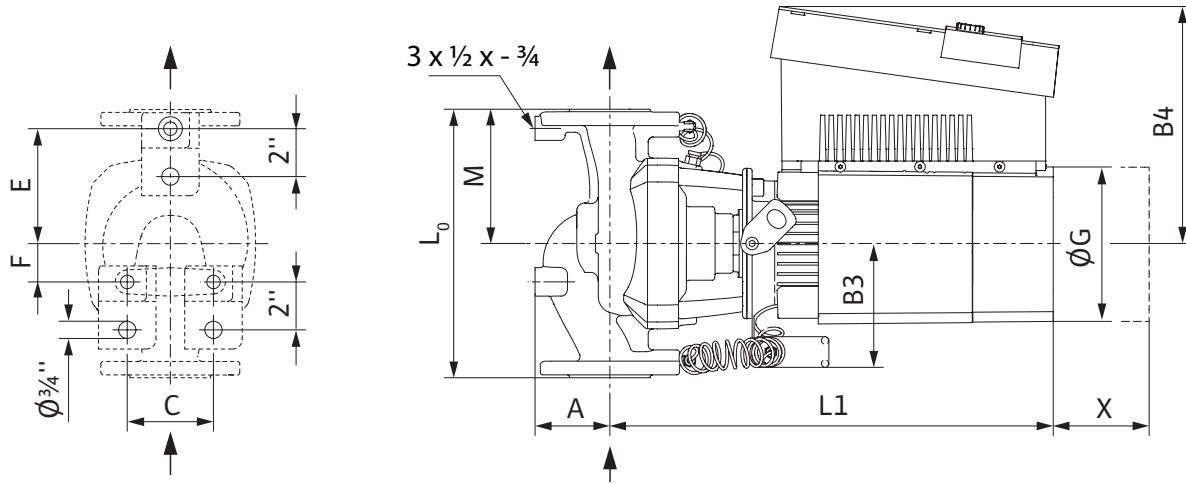
Applications	
• Hot Water Heating Systems	• Closed Cooling Circuits
• Industrial Circulation Systems	• Air-conditioning Systems
• Solar	• Geothermal



Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

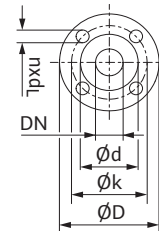


Dimensions and Weights

Model	Dimensions - Inches (mm)														Weight lbs (kg)
	I ₀	A	B1	B2	B3	B4	C	E	F	ØG	H	L1	M	X	
Stratos GIGA 4/3-100	19	5½	5	5 ^{9/16}	5 ^{1/16}	10 ^{9/16}	5½	8½	3½	6 ^{7/8}	10 ^{7/8}	21 ^{7/16}	9½	11 ^{13/16}	174
	(482)	(140)	(127)	(141)	(129)	(268)	(140)	(216)	(89)	(175)	(276)	(545)	(241)	(300)	(79)

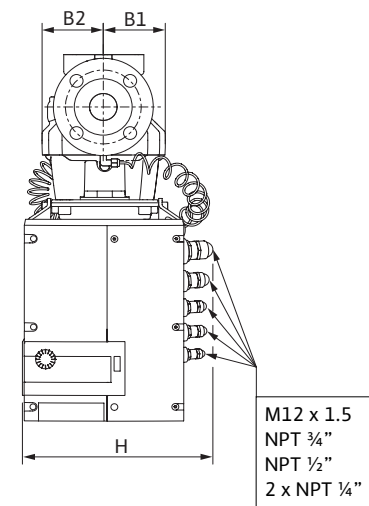
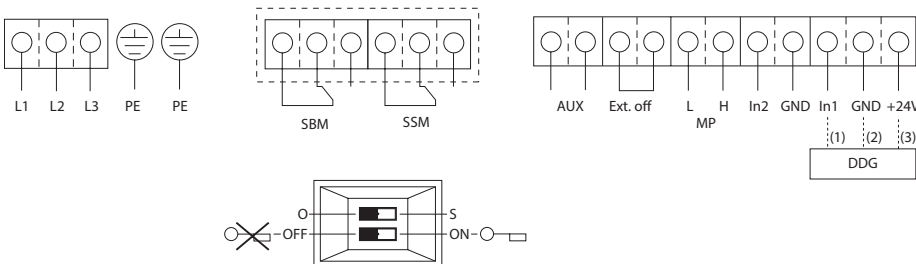
Flange Dimensions - 125#ANSI

Dimensions - Inches (mm)				
Dia.	ØD	Ød	Øk	n x Ød _L
4"	10 (254)	6 ^{15/16} (176)	7½ (191)	8 x ¾ (8 x 19)



EC Motor Data (Single Motor Operation)

Model	P ₂ Rated	P ₁	Speed	FLA
	hp	kW	RPM	3~480V
Stratos GIGA 4/3-100	7.1	5.3	500-2300	6.8

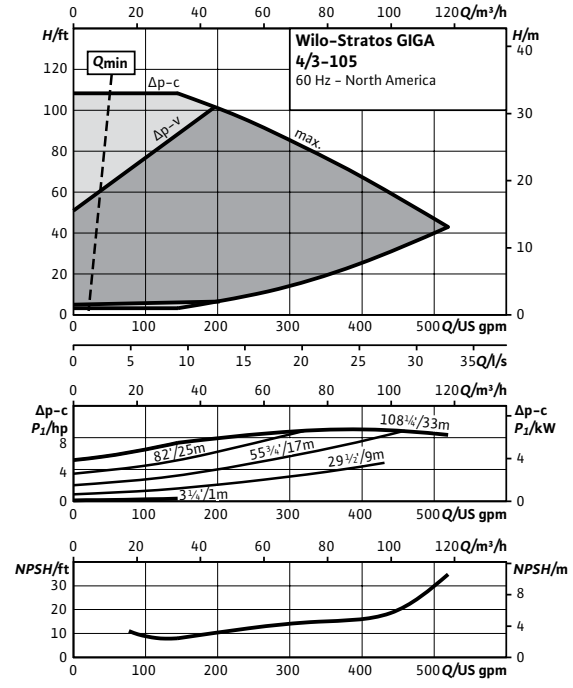
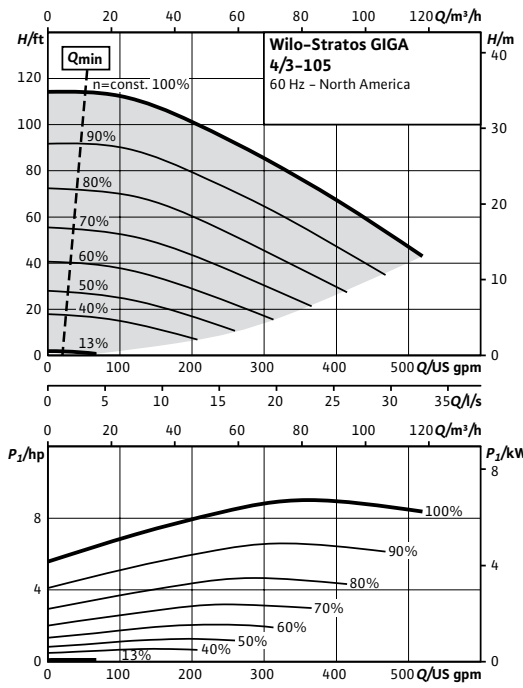


Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

	Project:						
	Engineer:						
	Contractor:						
	Submitted By:				Date:		
	Approved By:				Date:		
Tag #	Model #	Flow	Head	Control Mode	Cycle	Phase	Voltage
	Stratos GIGA 4/3-105					3	460

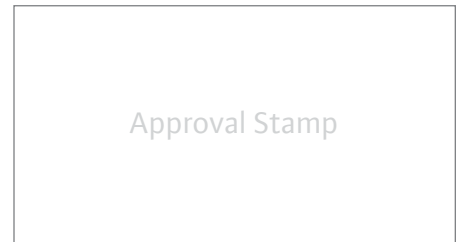


Technical Data	
PEI	0.65
Liquid Temp Range	-4°F to 248°F (-20°C to +120°C)
Fluid Capability	Water 50/50 Water-Glycol Mixtures
Max Operating Pressure	232 PSI 248°F (water only) 194°F (50% propylene)
Mains Voltage	3- 380-480V ±10% 50/60Hz
Protection Class	IP 55, Class F Insulation
Ambient Temp Range	32°F 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

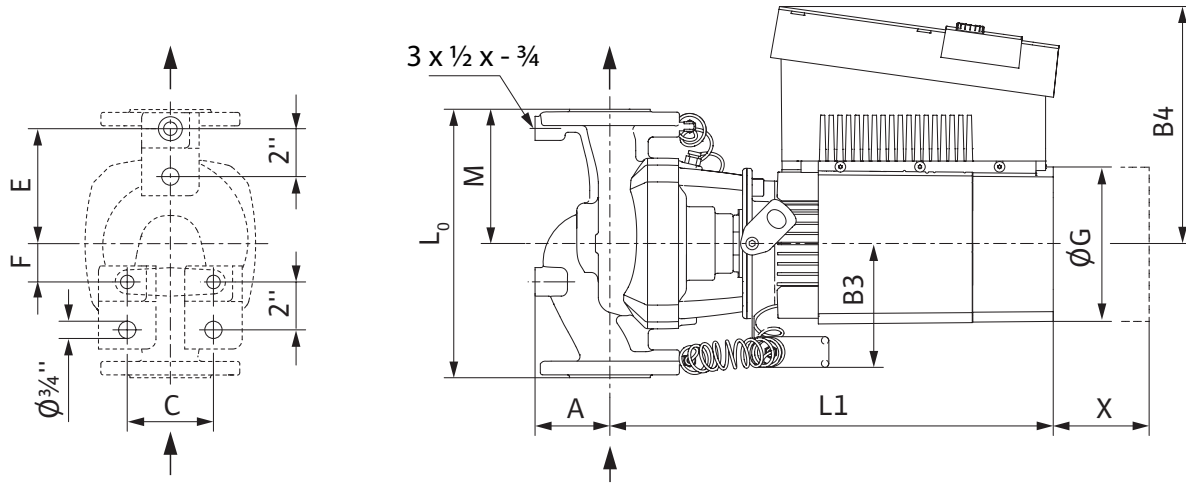
Applications	
• Hot Water Heating Systems	• Closed Cooling Circuits
• Industrial Circulation Systems	• Air-conditioning Systems
• Solar	• Geothermal



Submittal Data Sheet

High Efficiency Inline Circulators

Wilo-Stratos GIGA

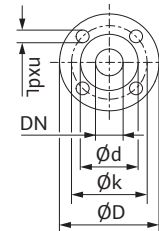


Dimensions and Weights

Model	Dimensions - Inches (mm)														Weight lbs (kg)
	I ₀	A	B1	B2	B3	B4	C	E	F	ØG	H	L1	M	X	
Stratos GIGA 4/3-105	19	5½	5	5 ^{9/16}	5 ^{1/16}	11	5½	8½	3½	7 ^{13/16}	10 ^{7/8}	21 ^{9/16}	9½	11 ^{13/16}	185
	(482)	(140)	(127)	(141)	(129)	(279)	(140)	(216)	(89)	(198)	(276)	(548)	(241)	(300)	(84)

Flange Dimensions - 125#ANSI

Dimensions - Inches (mm)				
Dia.	ØD	Ød	Øk	n x Ød _L
4"	10 (254)	6 ^{15/16} (176)	7½ (191)	8 x ¾ (8 x 19)



EC Motor Data (Single Motor Operation)

Model	P ₂ Rated	P ₁	Speed	FLA
	hp	kW	RPM	3~480V
Stratos GIGA 4/3-105	9.1	6.8	500-2300	8.5

