

Wilo Stratos GIGA – High Efficiency Inline Circulators

wilo®

Stratos GIGA 2/3-160



Project:

Engineer:

Contractor:

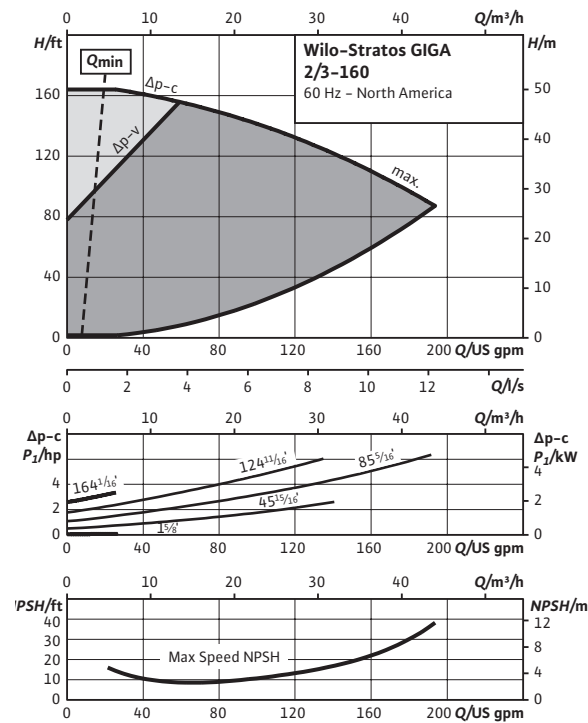
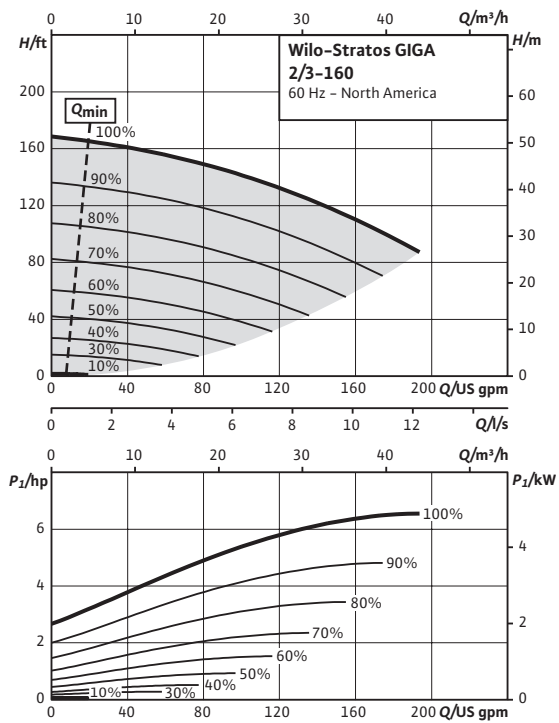
Submitted By:

Date:

Approved By:

Date:

Tag #	Model #	Flow	Head	Control Mode	Cycle	Phase	Voltage
	Stratos GIGA 2/3-160					3	



Technical Data

Liquid Temp Range	-4°F to 284°F (-20°C to +140°C)
Fluid Capatability	Water 50/50 Water-Glycol Mixtures
Max Operating Pressure	189 PSI, 284°F (140°C) 232 PSI, 248°F (120°C)
Mains Voltage	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 Cathaphoresis Coated (ASTM A48 / EN-GJL-250)
Impeller	Composite (PPS-GF40) Integral Stainless Inlet
Shaft	Stainless Steel (AISI 420 / 1.4122)
Mechanical seal	SiC/EPDM

IR Module Selection

Module 1	Module 2	Module
		BACnet / Dual Pump
		LONworks / Dual Pump
		MODBus
		None

Applications

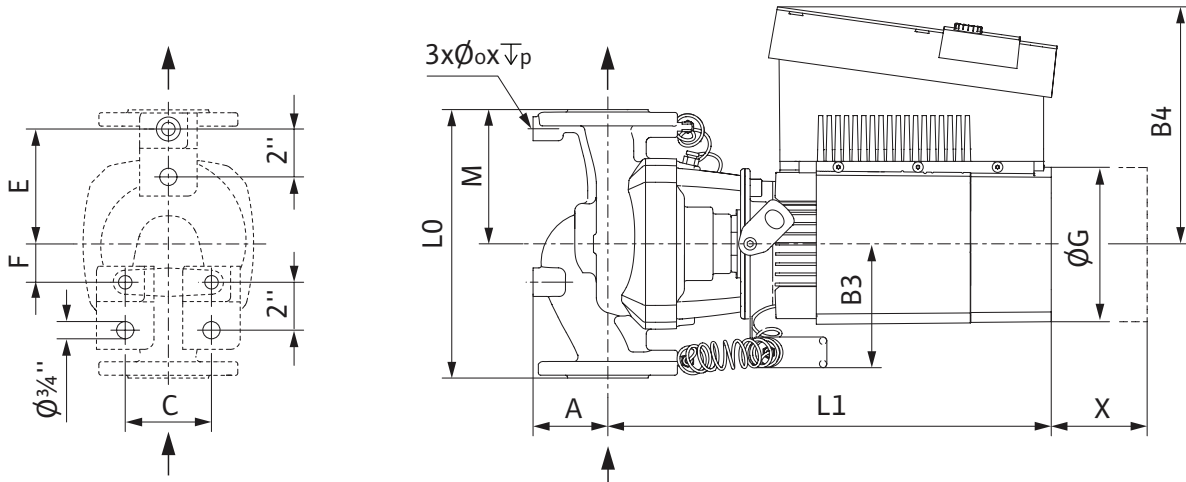
• Hot Water Heating Systems	• Closed Cooling Circuits
• Industrial Circulation Systems	• Air-conditioning Systems
• Solar	• Geothermal

Submittal Data Sheet

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Dimensions & Weights

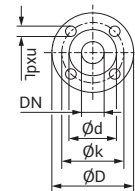


Dimensions and Weights

Dimensions – Inches (mm)																	Weight lbs (kg)
Model	I ₀	A	B1	B2	B3	B4	C	E	F	ØG	H	L1	M	O	P	X	
Stratos GIGA 2/3–160	12	3½	3½	3½	5 ¹ / ₁₆	9¾	3 ⁵ / ₈	4 ⁷ / ₈	1 ⁵ / ₈	6 ⁵ / ₈	10 ⁷ / ₈	17 ¹⁵ / ₁₆	5½	½	¾	8 ⁷ / ₈	90
	(305)	(89)	(89)	(89)	(129)	(248)	(92)	(123)	(42)	(168)	(277)	(454)	(140)	(13)	(19)	(225)	(41)

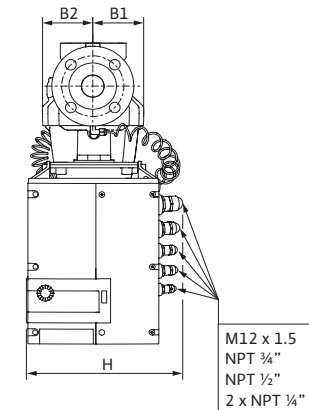
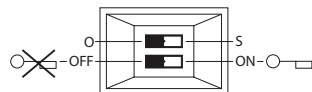
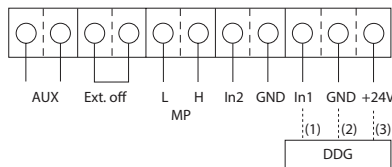
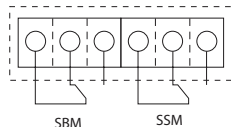
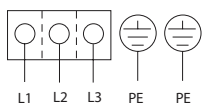
Flange Dimensions – 125#ANSI

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)



ECM Motor Data (Single Motor Operation)

		P ₂ Rated	P ₁	Speed	FLA
Model	hp	kW	RPM	3~460V	
Stratos GIGA 2/3–160	5.8	4.9	500–5110	6.3A	



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