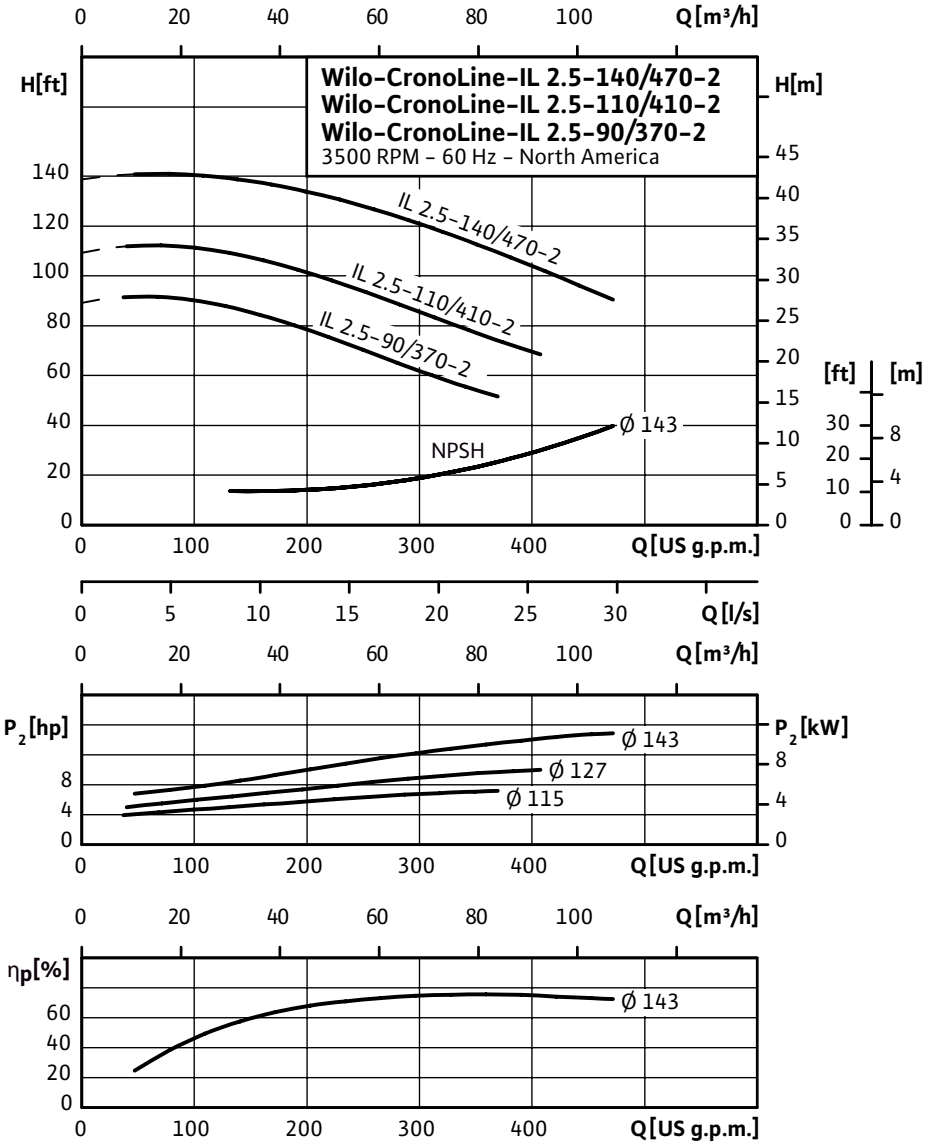
Submittal Data Sheet

Wilo IL – Inline Centrifugal Circulators

Wilo IL 2.5–90, 2.5–110, 2.5–140 3500 RPM

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

Tag #	Model #	Flow	Head	HP	Cycle	Phase	Voltage	RPM
					60Hz			3,500 (2 Pole)



Technical Data

Temp Range:	-5 °F to + 285 °F (-20 °C to +140 °C)
Power Supply	3~208-230/460, 575 volt
Motor Options	TEFC, (ODP Opt), EPACT Rated
Flange Connection	2½" with ¼" pressure gauge tappings
Max operating pressure:	250 PSI (16 bar)

Materials of Construction

Pump volute	Cast Iron
Impeller	Bronze (cast iron optional)
Shaft	316L stainless steel
Mechanical seal	Q1Q1X4GG (silicium carbide seal faces, HNBR elastomers)

Applications

- Hot water heating systems
- Industrial circulation systems
- Air conditioning systems
- Solar Systems
- Closed cooling circuits
- Geothermal Systems

Approval Stamp

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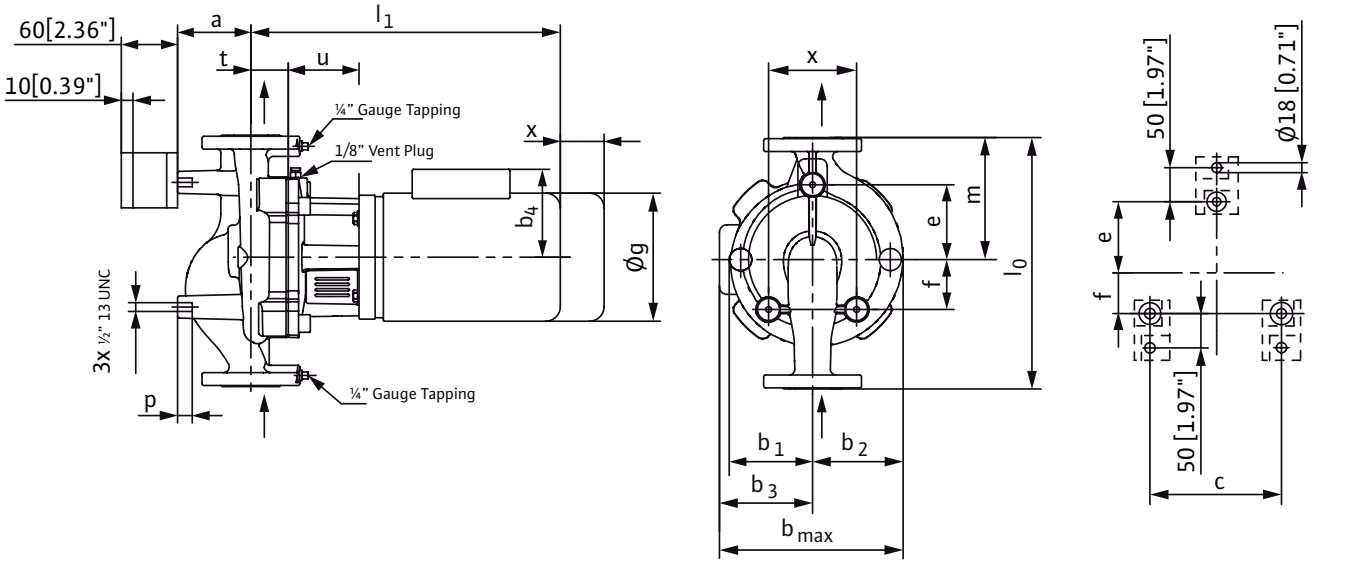
Dimensions & Weights

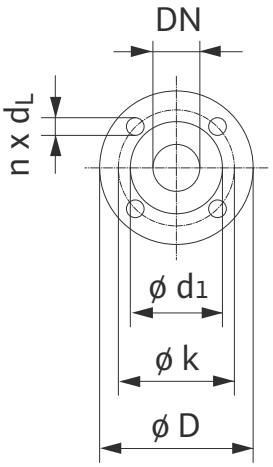


Dimensions and Weights

		Dimensions–inches (mm)																	Weight
Model	**Dia**	**l_0**	**a**	**b_1**	**b_2**	**b_3**	**b_4**	**b_{max}**	**c**	**e**	**f**	**Ø g**	**l_1**	**m**	**p**	**t**	**u**	**x**	
IL 2.5–90/370–2	2.5	17½	$4^{5}/_{16}$	5	$5^{13}/_{16}$	$6^{7}/_{8}$	–	$12^{11}/_{16}$	$7^{1}/_{16}$	5½	$2^{3}/_{8}$	$8^{5}/_{8}$	25	8½	$^{13}/_{16}$	$3^{1}/_{16}$	$6^{9}/_{16}$	5	152 lbs
	2.5	(445)	(110)	(127)	(147)	(175)	–	(322)	(180)	(140)	(60)	(218)	(635)	(216)	(20)	(78)	(167)	(127)	69 kg
IL 2.5–110/410–2	2.5	17½	$4^{5}/_{16}$	5	$5^{13}/_{16}$	$7^{15}/_{16}$	–	$13^{11}/_{16}$	$7^{1}/_{16}$	5½	$2^{3}/_{8}$	$10^{3}/_{16}$	$24^{15}/_{16}$	8½	$^{13}/_{16}$	$3^{1}/_{16}$	$6^{9}/_{16}$	5	218 lbs
	2.5	(445)	(110)	(127)	(147)	(201)	–	(348)	(180)	(140)	(60)	(259)	(633)	(216)	(20)	(78)	(167)	(127)	99 kg
IL 2.5–140/470–2	2.5	17½	$4^{5}/_{16}$	5	$5^{13}/_{16}$	$7^{15}/_{16}$	–	$13^{11}/_{16}$	$7^{1}/_{16}$	5½	$2^{3}/_{8}$	$10^{3}/_{16}$	$25^{15}/_{16}$	8½	$^{13}/_{16}$	$3^{1}/_{16}$	$6^{9}/_{16}$	5	234 lbs
	2.5	(445)	(110)	(127)	(147)	(201)	–	(348)	(180)	(140)	(60)	(259)	(659)	(216)	(20)	(78)	(167)	(127)	106 kg

Flange Dimensions

	Dimensions – Inches (mm)			
DN	**ØD**	**Ød_1**	**Øk**	**n x d_L**
2.5	$4^{5}/_{16}$	$4^{15}/_{16}$	5½	4 x ¾
	(110)	(126)	(140)	(4 x 19)



TEFC Motor Data

	P2	Phase	Voltage	FLA
Model	**[HP]**	**[~]**	**[V]**	**[A]**
IL 2.5–90/370–2	7.5	3	208–230/460	18–17.2/8.6
IL 2.5–110/410–2	10	3	208–230/460	25–23/11.5
IL 2.5–140/470–2	15	3	208–230/460	37.5–34/17

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