

# Submittal Data Sheet

## Wilco IL - Inline Centrifugal Circulators

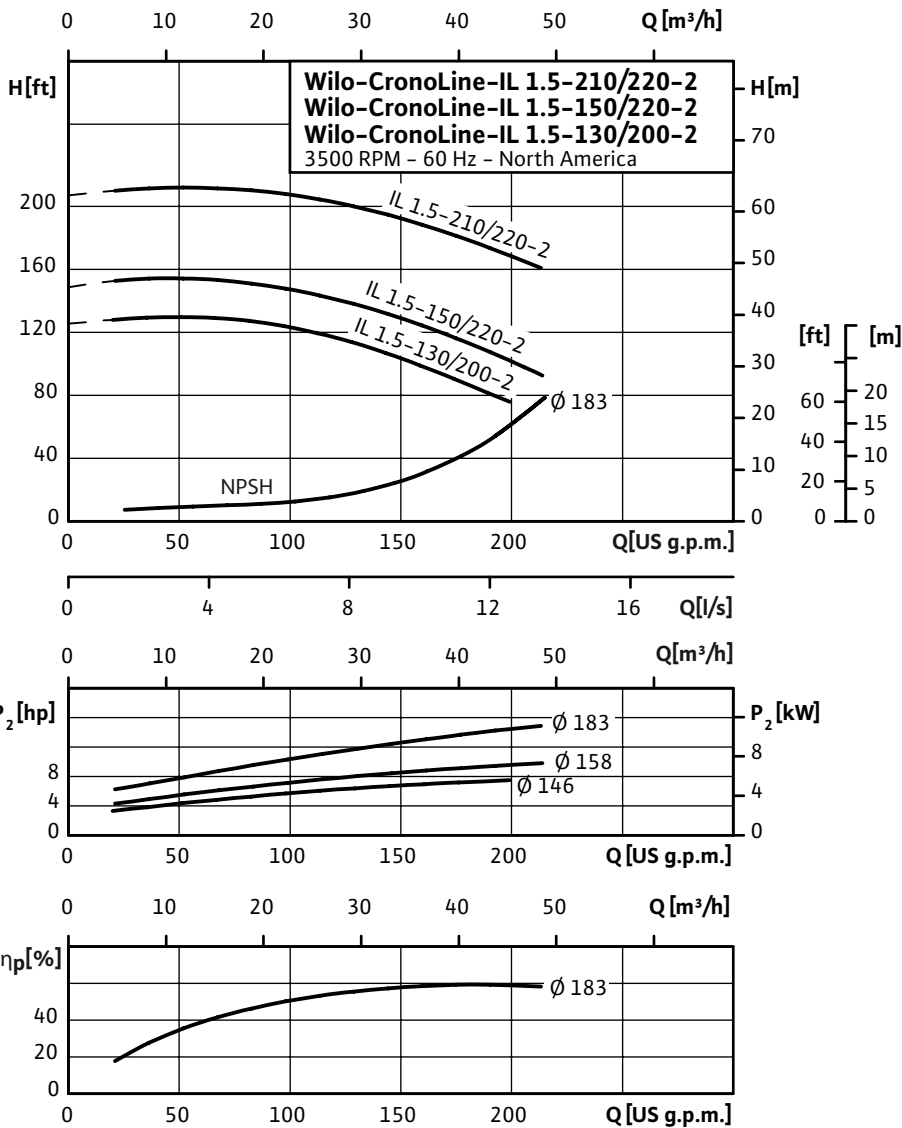


### Wilco IL 1.5-130, 1.5-150, 1.5-210 3500 RPM



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), EPACK Rated
Flange Connection	1½" NPT with ¼" pressure gauge tappings
Max operating pressure:	250 PSI (16 bar)

**Materials of Construction**

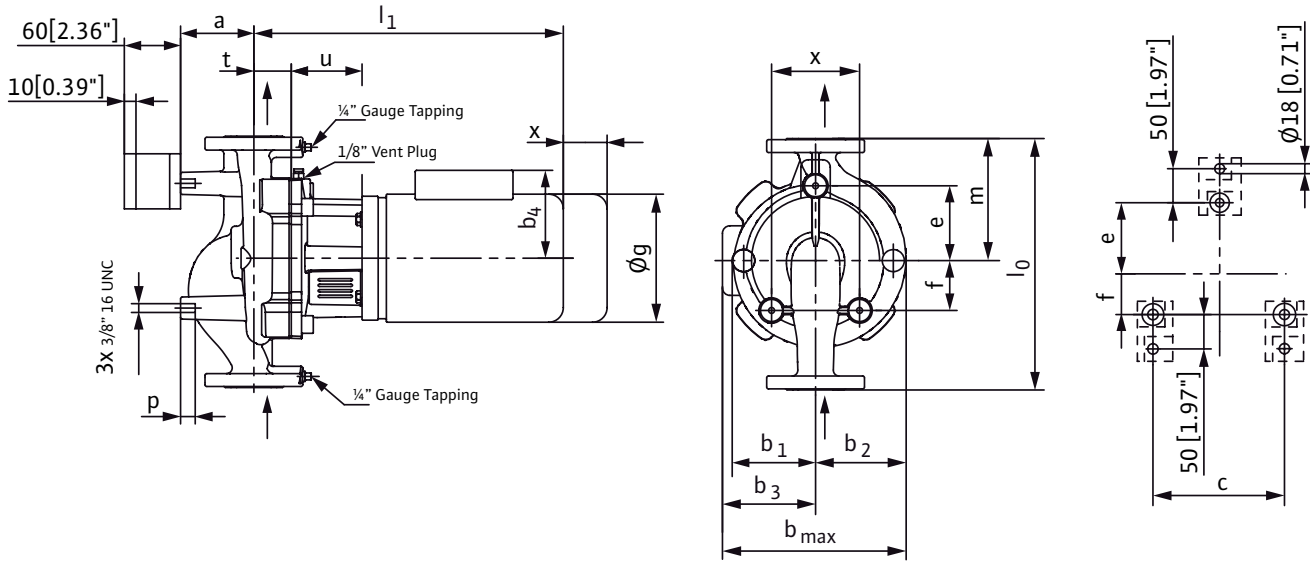
Pump volute	Cast Iron
Impeller	Bronze (cast iron optional)
Shaft	316L stainless steel
Mechanical seal	Q1Q1X4GG (silicium carbide seal faces, HNBR elastomers)

**Applications**

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

Approval Stamp

### Dimensions & Weights

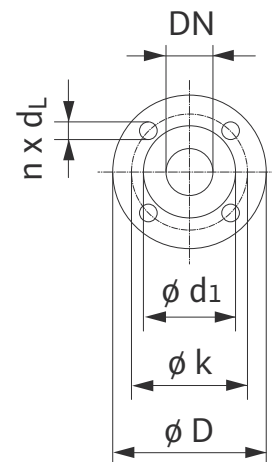


### Dimensions and Weights

Model	Dia	Dimensions-inches (mm)															Weight		
		$l_0$	$a$	$b_1$	$b_2$	$b_3$	$b_4$	$b_{max}$	$c$	$e$	$f$	$\phi g$	$l_1$	$m$	$p$	$t$		$u$	$x$
IL 1.5-130/200-2	1½	17	4 <sup>5</sup> / <sub>16</sub>	5 <sup>11</sup> / <sub>16</sub>	5 <sup>7</sup> / <sub>8</sub>	6 <sup>7</sup> / <sub>8</sub>	-	12¾	7 <sup>1</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>16</sub>	8 <sup>5</sup> / <sub>8</sub>	22 <sup>5</sup> / <sub>16</sub>	8	1 <sup>3</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	4 <sup>9</sup> / <sub>16</sub>	4	148 lbs
	1½	(432)	(110)	(145)	(149)	(175)	-	(324)	(180)	(137)	(78)	(218)	(566)	(203)	(20)	(60)	(116)	(102)	67 kg
IL 1.5-150/220-2	1½	17	4 <sup>5</sup> / <sub>16</sub>	5 <sup>11</sup> / <sub>16</sub>	5 <sup>7</sup> / <sub>8</sub>	7 <sup>15</sup> / <sub>16</sub>	-	13 <sup>13</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>16</sub>	10 <sup>3</sup> / <sub>16</sub>	22¼	8	1 <sup>3</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	4 <sup>9</sup> / <sub>16</sub>	4	216 lbs
	1½	(432)	(110)	(145)	(149)	(201)	-	(350)	(180)	(137)	(78)	(259)	590	(203)	(20)	(60)	(116)	(102)	98 kg
IL 1.5-210/220-2	1½	17	4 <sup>5</sup> / <sub>16</sub>	5 <sup>11</sup> / <sub>16</sub>	5 <sup>7</sup> / <sub>8</sub>	7 <sup>15</sup> / <sub>16</sub>	-	13 <sup>13</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>16</sub>	10 <sup>3</sup> / <sub>16</sub>	22¼	8	1 <sup>3</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	4 <sup>9</sup> / <sub>16</sub>	4	229 lbs
	1½	(432)	(110)	(145)	(149)	(201)	-	(350)	(180)	(137)	(78)	(259)	590	(203)	(20)	(60)	(116)	(102)	104 kg

### Flange Dimensions

Dimensions - Inches (mm)				
DN	$\phi D$	$\phi d_1$	$\phi k$	$n \times d_L$
1.5	6 <sup>1</sup> / <sub>8</sub>	3 <sup>9</sup> / <sub>16</sub>	3 <sup>7</sup> / <sub>8</sub>	4 x 5/8
	(155)	(90)	(99)	(4 x 16)



### TEFC Motor Data

Model	P2	Phase	Voltage	FLA
	[HP]	[-]	[V]	[A]
IL 1.5-150/220-2	10	3	208-230/460	25-23/11.5
IL 1.5-150/300-2	10	3	208-230/460	25-23/11.5
IL 1.5-210/220-2	15	3	208-230/460	37.5-34/17